



Bhukya, R., Paul, J., Kastanakis, M. and Robinson, S. (2022) Forty years of European Management Journal: a bibliometric overview. *European Management Journal*, 40(1), pp. 10-28. (doi: [10.1016/j.emj.2021.04.001](https://doi.org/10.1016/j.emj.2021.04.001))

The material cannot be used for any other purpose without further permission of the publisher and is for private use only.

There may be differences between this version and the published version. You are advised to consult the publisher's version if you wish to cite from it.

<https://eprints.gla.ac.uk/238650/>

Deposited on 15 April 2021

Enlighten – Research publications by members of the University of  
Glasgow

<http://eprints.gla.ac.uk>

## **Forty Years of European Management Journal: A Bibliometric Overview**

### **Ramulu Bhukya, Ph.D**

Assistant Professor,

KLH Business School, Koneru Lakshmaiah Education Foundation (KL University), India.

Email: [dr.ramulubhukya@gmail.com](mailto:dr.ramulubhukya@gmail.com), [dr.ramulubhukya@klh.edu.in](mailto:dr.ramulubhukya@klh.edu.in)

### **Justin Paul, Ph.D**

Editor-in-Chief, International Journal of Consumer studies,  
& Professor- University of Puerto Rico, San Juan, PR, USA

Email: [profjust@gmail.com](mailto:profjust@gmail.com), [justin.paul@upr.edu](mailto:justin.paul@upr.edu)

### **Minas Kastanakis, Ph.D**

Co-Editor, European Management Journal,  
ESCP Business School - London, London, United Kingdom

Email: [mkastanakis@escp.eu](mailto:mkastanakis@escp.eu)

### **Sarah Robinson, Ph.D**

Editor-in-Chief, European Management Journal,  
University of Glasgow, Glasgow, United Kingdom

Email: [Sarah.Robinson.2@glasgow.ac.uk](mailto:Sarah.Robinson.2@glasgow.ac.uk)

# Forty Years of European Management Journal: A Bibliometric Overview

## Abstract

The *European Management Journal (EMJ)* is a renowned peer-reviewed journal of international reputation in the fields of business and management research since 1982. EMJ publishes original and high-quality conceptual, empirical, and review research papers that contribute to the advancement of the body of knowledge and its application in the field. Until the time of this overview, 2164 papers (including 2004 articles, 96 editorials, 28 conference papers, 27 notes, and 3 short surveys) have been published in the journal between 1982 and 2020. We analyzed all these articles using bibliometric techniques to examine the impact of the journal's publications, most productive and influential authors, and their contributions in the field of business and management research. Co-authorship among the top authors, co-occurrences of the topics, co-citations of the journals, bibliographic coupling of the authors, affiliating institutes, and countries were analyzed by applying network analysis techniques using VOSviewer software. The advancement of research in the field of management during the last decade is also critically discussed in order to understand recent developments in the field of business and management research.

**Keywords:** European management journal; business; management; bibliometric analysis; network analysis; co-authorship; co-occurrences; bibliographic authors' couplings

## Introduction

The *European Management Journal (EMJ)* is one of the premier research journals that publishes novel, high-quality research in the fields of business and management. During its 40 years “*EMJ has developed a coherent identity as one of the world's top management journals – being an innovative, method-agnostic, and forward-looking quality journal*” (Kastanakis, 2021) and is well positioned for a bright future. Research on strategic management, organizational theory, human resource management, innovation and entrepreneurship, marketing management, knowledge management, leadership and change management, supply chain management, and accounting feature frequently in EMJ. EMJ receives more than 1000 submissions per year, out of which approximately 70% are desk-rejected while around 8% of papers are finally accepted for publication at EMJ. This acceptance rate shows that only high-quality and original papers are published in EMJ after filtering them through a stringent blind review process. With proven track record of quality publications in the field of business and management, EMJ has been indexed in the Association of Business Schools (ABS)'s academic journal guide (AJG), Social Sciences Citation Index (SSCI), and Australian Business Dean's Council (ABDC) ranking lists as well as in all other major lists. Prof. Sarah Robinson of University of Glasgow and Prof. Minas Kastanakis of ESCP Business School, London are the present serving Editor-in-Chief and Co-

Editor of the journal, respectively. EMJ is listed in Q1 quartile and ranked 39 over 427 journals in the field of strategy and management research by Scimago. Moreover, it has 90% ranking percentile in the field of strategy and management research. It is indexed and abstracted in most of the popular databases such as Scopus and Web of Science. The present CiteScore and impact factor of EMJ are 6.3 and 2.37, respectively, for the year 2019 (Clarivate Analytics, 2020). This means that the EMJ articles of 2017 and 2018 years received an average of 2.37 citations in 2019. Both the 2-year and 5-year journal impact factors of EMJ have improved tremendously in the last 10 years (see Fig. 1). For instance, the 2-year impact factor of EMJ has improved to 2.369 for 2019 from 0.795 in 2011 with 22% annual growth rate. Similarly, the 5-year impact factor of EMJ has reached to 4.65 presently from 2.797 in 2011 and is trending up. The journal has received an h-index of 99 by Scimago, which indicates that 99 of 2158 EMJ articles receive at least 99 citations each. In fact, the present h-index of EMJ is 106.

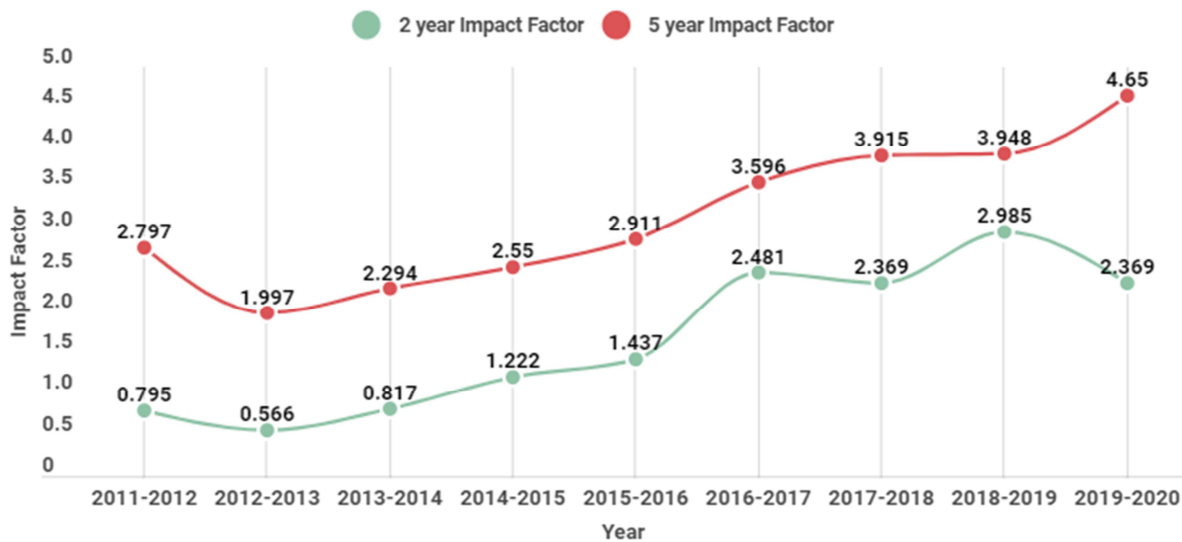


Figure 1. Impact Factor trend of EMJ between 2011 and 2020

Bibliometric analysis provides meaningful insights of already published scientific research works (Ahmad P, Asif JA, Alam MK, Slots J., 2020). This technique is used widely by most of the studies that provide retrospective overview of a journal. For example, Donthu, N., Kumar, S., & Pattnaik, D., (2020) provided a bibliographic overview of 45 years of *Journal of Business Research*. Martínez-López, F. J., Merigó, J. M., Valenzuela-Fernández, L., & Nicolás, C., (2018) presented bibliometric overview for 50 years of the *European Journal of Marketing*; Merigó, J. M., Miranda, J., Modak, N. M., Boustras, G., & de la Sotta, C., (2019) provided a bibliographic overview of 40 years of *Safety Science*. Donthu, N., Kumar, S., & Pandey, N. (2020) summarized the retrospective evaluation of *Marketing Intelligence and Planning*. Merigó, J. M., Cobo, M. J., Laengle, S., Rivas, D., & Herrera-Viedma, E., (2019) presented bibliographic overview of 20 years of *Soft Computing*. Donthu, N., Kumar, S., Pandey, N., & Gupta, P. (2021) summarized the bibliographic overview of 40 years of the *International Journal of Information*

*Management*. Donthu, N., Reinartz, W., Kumar, S., & Pattnaik, D. (2021) provided a retrospective review of the first 35 years of the *International Journal of Research in Marketing*.

We provide a comprehensive bibliographic overview of EMJ between 1982 and 2020, including the total publication and citations trend, the most prolific EMJ authors, the most influential EMJ articles, the most influential affiliations of EMJ authors, the most productive countries of EMJ authors, the journals most frequently citing EMJ articles, the journals most frequently cited in EMJ articles using bibliographic authors coupling, co-citation analysis, and bibliographic documents coupling techniques. The mostly discussed topics in EMJ are identified using co-occurrence analysis. We also discussed the major areas of management research covered in EMJ through clustering them into nine categories. Bibliographic overview of the research journey of EMJ in the last 5 years (2016-2020) is also presented for understanding recent developments in management research published in EMJ.

## **2. Bibliometric Method and Data**

Bibliometric analysis, a citation-based research approach, has gained interest among most researchers and editors of research journals in recent times because of its application in gaining meaningful insights on the impact of research works and the journals based on the citations received by the research works published in respective journals during a specific period of time. Researchers apply this technique on a large set of bibliographic documents (Pritchard, 1969; Broadus, 1987) to determine the most cited research documents, most cited authors, and most cited contributions from the institutions and countries concerned. In a nutshell, it gives a holistic picture of the journal's publication performance in the given time frame. Although this analysis has originated in library and information sciences research, it has been widely used in most of the research domains such as business management (Nicolas, C., Valenzuela-Fernandez, L., & Merigó, J. M., 2019; Roetzel, P. G., 2019; López-Robles, J. R., Otegi-Olaso, J. R., Porto Gómez, I., & Cobo, M. J., 2019; Donthu, N., Kumar, S., Pandey, N., & Gupta, P., 2021; Donthu, N., Gremler, D. D., Kumar, S., & Pattnaik, D., 2020), entrepreneurship (Ferreira, J. J. M., Fernandes, C. I., & Kraus, S., 2019; Baier-Fuentes, H., Merigó, J. M., Amorós, J. E., & Gaviria-Marín, M., 2019), tourism (Comerio, N., & Strozzi, F., 2019), technology (Peng, X., & Dai, J., 2020), education (Hallinger, P., & Kovačević, J., 2019) medical science (Jalipa, F. G. U., Sy, M. C. C., Espiritu, A. I., & Jamora, R. D. G., 2021; Feijoo JF, Limeres J, Fernández Varela M, Ramos I, Diz P., 2014), safety science (Merigó, J. M., Miranda, J., Modak, N. M., Boustras, G., & de la Sotta, C., 2019), and so on.

By applying the bibliometric technique in this paper, we attempted to present a bibliometric overview of EMJ based on the total research documents published between 1982 and 2020. These documents are accessed from the Scopus database, one of the world's largest peer-reviewed research database. We conducted both descriptive and networking analysis by using Microsoft Excel, Tableau, and VOSviewer software. A total of 2164 documents (including 2004 articles, 96 editorials, 28 conference papers, 27 notes, 6 erratum, and 3 short surveys) were

published in EMJ between 1982 and 2020. However, erratum is excluded from the study, and the remaining 2158 documents are considered for the final analysis. On the basis of these documents, the year-wise number of total paper publications (TP) and their total citations (TC) received during that year; citation per year (CPY); h-index, g-index, and m-index metrics; most cited top studies; top productive and influential authors; most frequently cited journals in EMJ; and most productive institutions and countries across the globe are provided. Results related to co-authorship, co-citations, and co-occurrences of keywords and bibliographic author coupling are also presented by applying network analysis using VOSviewer software.

### **3. Results**

#### *3.1. Publications trend and citations structure of EMJ*

The EMJ started its publication journey in 1982 with 22 documents initially, which gradually reached to 2158 TP by the end of 2020 that records 55.33 average publications per year (see Table 1). Highest number of articles were published in the years 2020 (114), 2014 (88), and 2017 (78). However, the highest number of citations were received for the papers published in 2005 (3930), 2008 (3870), and 2000 (3254). Of the total 2158 articles, 1795 articles received at least one citation, and they together have received 57336 total citations (TC) till 2020. A total of 363 articles (including 48 recently published) are yet to receive at least 1 citation. Table 1 provides the citation structure of EMJ publications between 1982 and 2020. On an average, each paper published in EMJ is cited 26 times, which is 32 citations in terms of citations per cited publication (C/CP) after excluding uncited publications. EMJ received 1469 citation per annum on an average. Papers published in 2008 and 2007 have received the highest number of citations per cited publication (C/CP), i.e., 95 and 70 citations. In terms of citation and publication-based influence, 2008 and 2005 were the most influential years between 1982 and 2020 (see Table 1). Fig. 2 depicts the total citations trend of EMJ articles between 1982 and 2020.

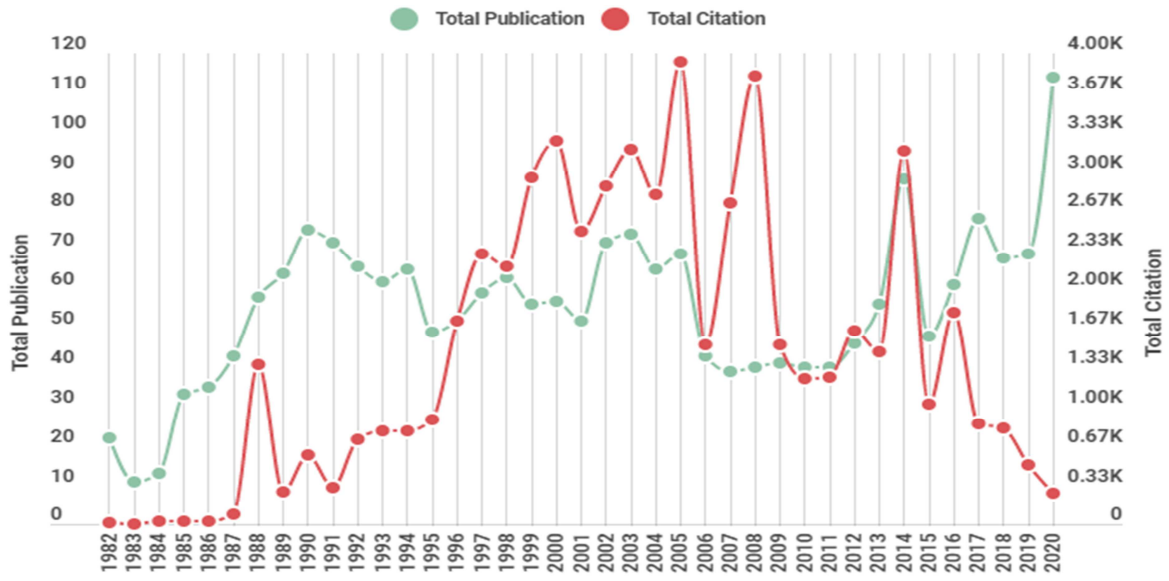


Figure 2. Publication structure and citation trend of EMJ

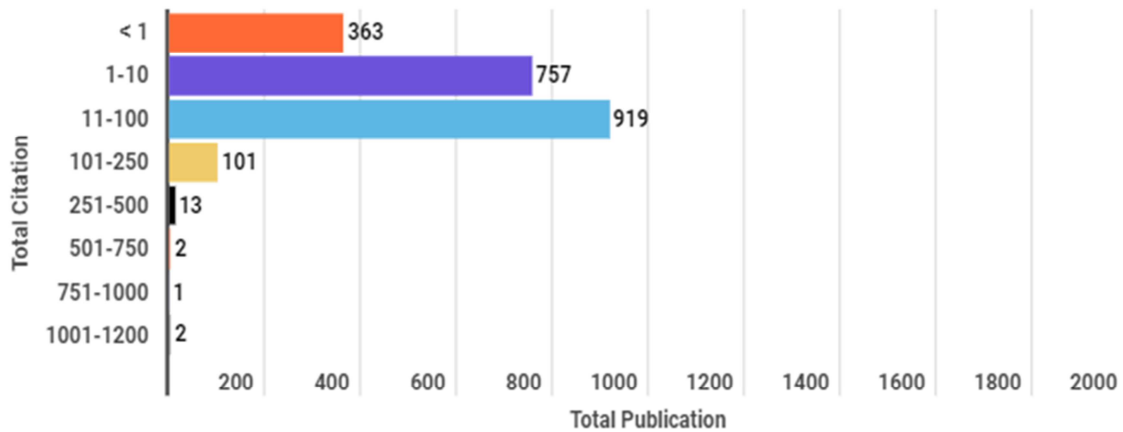
**Table 1. Publication and Citation Structure of EMJ between 1982 and 2020**

Year	TP	NCP	TC	AC	C/CP	Index			Most cited study of the year		
						h	g	m	h/TP	Study	Citations
1982	22	05	21	0.95	4.20	2	4	0.50	0.09	<a href="#">Buchanan, D.A.</a>	11
1983	11	03	06	0.55	2.00	1	2	0.50	0.09	<a href="#">Briggs, D.H., MacLennan, U.A.</a>	4
1984	13	04	24	1.85	6.00	2	4	0.50	0.15	<a href="#">Kaynak, E., Kothari, V.</a>	18
1985	33	09	28	0.85	3.11	4	4	1.00	0.12	<a href="#">Wright, M.</a>	6
1986	35	14	33	0.94	2.36	3	4	0.75	0.09	<a href="#">England, G.W.</a>	11
1987	43	20	88	2.05	4.40	4	8	0.50	0.09	<a href="#">Brooklyn Derr, C.</a>	19
1988	58	32	1362	23.48	42.56	7	32	0.22	0.12	<a href="#">Vandermerwe, S., Rada, J.</a>	1219
1989	64	35	286	4.47	8.17	8	15	0.53	0.13	<a href="#">Hofstede, G.</a>	106
1990	75	45	588	7.84	13.07	12	23	0.52	0.16	<a href="#">Forsgren, M.</a>	89
1991	72	47	320	4.44	6.81	9	15	0.60	0.13	<a href="#">Collins, B., Payne, A.</a>	61
1992	66	51	727	11.02	14.25	15	74	0.20	0.23	<a href="#">Mills, D.Q., Friesen, B.</a>	94
1993	62	49	790	12.74	16.12	14	27	0.52	0.23	<a href="#">Venkatraman, N., Henderson, J.C., Oldach, S.</a>	153
1994	65	47	800	12.31	17.02	17	27	0.63	0.26	<a href="#">Earl, M., Khan, B.</a>	88
1995	49	38	888	18.12	23.37	16	29	0.55	0.33	<a href="#">Willcocks, L., Choi, C.J.</a>	112
1996	52	51	1733	33.33	33.98	20	41	0.49	0.38	<a href="#">Edvinsson, L., Sullivan, P.</a>	509
1997	59	59	2303	39.03	39.03	25	47	0.53	0.42	<a href="#">Goh, S., Richards, G.</a>	304
1998	63	62	2194	34.83	35.39	27	46	0.59	0.43	<a href="#">Inkpen, A.</a>	180
1999	56	55	2945	52.59	53.55	25	54	0.46	0.45	<a href="#">Kozinets, R.V.</a>	766
2000	57	55	3254	57.09	59.16	32	55	0.58	0.56	<a href="#">Rondinelli, D., Vastag, G.</a>	267
2001	52	52	2490	47.88	47.88	26	49	0.53	0.50	<a href="#">Ryals, L., Knox, S.</a>	209



2002	72	66	2881	40.01	43.65	26	53	0.49	0.36	<a href="#">Buckley, A., Tse, K., Rijken, H., Eijgenhuijsen, H.</a>	316
2003	74	66	3184	43.03	48.24	33	55	0.60	0.45	<a href="#">Quélin, B., Duhamel, F.</a>	242
2004	65	59	2803	43.12	47.51	32	52	0.62	0.49	<a href="#">Wagner, M., Schaltegger, S.</a>	221
2005	69	63	3930	56.96	62.38	27	62	0.44	0.39	<a href="#">Gebauer, H., Fleisch, E., Friedli, T.</a>	491
2006	43	38	1523	35.42	40.08	18	38	0.47	0.42	<a href="#">Peppard, J., Rylander, A.</a>	351
2007	39	39	2738	70.21	70.21	25	39	0.64	0.64	<a href="#">Gentile, C., Spiller, N., Noci, G.</a>	647
2008	40	40	3807	95.18	95.18	25	40	0.63	0.63	<a href="#">Vargo, S.L., Maglio, P.P., Akaka, M.A.</a>	1444
2009	41	41	1529	37.29	37.29	22	39	0.56	0.54	<a href="#">Baden, D.A., Harwood, I.A., Woodward, D.G.</a>	153
2010	40	40	1237	30.93	30.93	21	34	0.62	0.53	<a href="#">Kindström, D.</a>	215
2011	40	38	1248	31.20	32.84	19	35	0.54	0.48	<a href="#">Flatten, T.C., Engelen, A., Zahra, S.A., Brettel, M.</a>	303
2012	46	46	1648	35.83	35.83	24	40	0.60	0.52	<a href="#">Gebauer, H., Worch, H., Truffer, B.</a>	146
2013	56	56	1465	26.16	26.16	20	35	0.57	0.36	<a href="#">Lambert, S.C., Davidson, R.A.</a>	150
2014	88	88	3173	36.06	36.06	32	53	0.60	0.36	<a href="#">Leeflang, P.S.H., Verhoef, P.C., Dahlström, P., Freundt, T.</a>	226
2015	48	47	1027	21.40	21.85	17	30	0.57	0.35	<a href="#">Saebi, T., Foss, N.J.</a>	163
2016	61	60	1804	29.57	30.07	24	41	0.59	0.39	<a href="#">Rigdon, E.E.</a>	179
2017	78	74	853	10.94	11.53	17	24	0.71	0.22	<a href="#">Ardito, L., Messeni Petruzzelli, A.</a>	61
2018	68	68	820	12.06	12.06	15	24	0.63	0.22	<a href="#">Täuscher, K., Laudien, S.M.</a>	107
2019	69	65	512	7.42	7.88	12	17	0.71	0.17	<a href="#">Gilal, F.G., Zhang, J., Paul, J., Gilal, N.G.</a>	47
2020	114	68	274	2.40	4.03	8	11	0.73	0.07	<a href="#">Müller, J.M., Buliga, O., Voigt, K.-I.</a>	25
<b>Total</b>	<b>2158</b>	<b>1795</b>	<b>57336</b>	<b>26.45</b>	<b>31.94</b>	<b>106</b>	<b>168</b>	<b>0.63</b>	<b>0.05</b>		

In terms of citation structure of EMJ documents, 1795 of 2158 documents received at least one citation. Furthermore, 42.6% of EMJ documents were in the category of 11-100 citations, 35.12% were in the range of 1-100 citations category, and 4.68% of the documents were in the category of 101-250 citations. Similarly, 13 EMJ documents were in the category of 251-500 citations (see Fig. 3).



**Figure 3 Citations range of EMJ publications**

### 3.2. Most cited EMJ articles

The citation count is considered widely as the best measure of assessing impact of a research work (Tsay, 2009). Therefore, the articles published in EMJ between 1982 and 2020 are ranked based on their citation counts extracted from the Scopus database for the above study period. Top 20 out of 2158 articles are listed out based on the highest citation counts. Table 2 provides the list of most cited and influential top 20 EMJ publications between 1982 and 2020. Most of these research works are prominent masterpieces in the field of management theory and practices. These studies contributed influential research related to the importance of value creation in business, servitization of business practices, sustainable development, customer experience creation and management, innovation management, responsible leadership, corporate social responsibility, service quality, customer satisfaction, and so on. In terms of total citations (TC), the top 5 most cited articles were of Vargo S.L., Maglio P.P., Akaka M.A.(2008); Vandermerwe S., Rada J., (1988); Kozinets R.V., (1999); Gentile C., Spiller N., Noci G., (2007); and Edvinsson L., Sullivan P., (1996) respectively. For instance, the study of Vargo S.L., Maglio P.P., Akaka M.A.(2008) has been cited 1442 times, which is the highest ever citation received by an article of EMJ. They emphasized on the importance of value and value co-creation from service systems and service logic perspective. Similarly, the study of Vandermerwe S., Rada J., (1988) was the second most influential article of EMJ. It deals with the servitization of business through adding value by adding services. The study of Kozinets R.V., (1999) explained about E-tribalized marketing in the context of virtual communities that was cited 765 times. Because the citation is sensitive to the age of publication, i.e., old papers get higher citations than the newly published ones, the influence of research was calculated based on the citation received per year (C/PY). Based on this

criterion, top 5 most influential were Vargo S.L., Maglio P.P., Akaka M.A., (2008); Gentile C., Spiller N., Noci G., (2007); Vandermerwe S., Rada J (1988); Kozinets R.V. (1999); and Weber M., (2008). The prominent studies done in recent times received higher citation per year (C/PY) are Täuscher, K., Laudien, S.M.,(2018) and Gilal, F.G., Zhang, J., Paul, J., Gilal, N.G., (2019). They revealed the understanding platform business models and the role of self-determination theory in marketing science. The study of Gentile C., Spiller N., Noci G., (2017) finds place in the top 5 most cited and influential articles of EMJ, which was cited more than 600 times in marketing literature. It deals with how to create and sustain the customer experience. Similarly, the study of Gebauer H., Fleisch E., Friedli T., (2005) explored the concept of overcoming the service paradox in manufacturing companies. Fig. 4 depicts the most influential studies of EMJ between 1982 and 2020.

The list of most cited and influential articles was prepared based on the total citations count received by that article over a period of time. However, the citations count is associated with the age of that particular publication; therefore, mostly old articles have found place in the list of top 20 articles. The newly published papers did not find place in the list, but it does not mean that they are not influential works. The articles are published in EMJ only after passing through the rigorous blind peer- review and revision process. As the final acceptance ratio to the submission number is as low as 8%, this denotes the quality and impact potentiality of the articles published in the EMJ. Therefore, newly published articles are also expected to received good number of citations in near future.

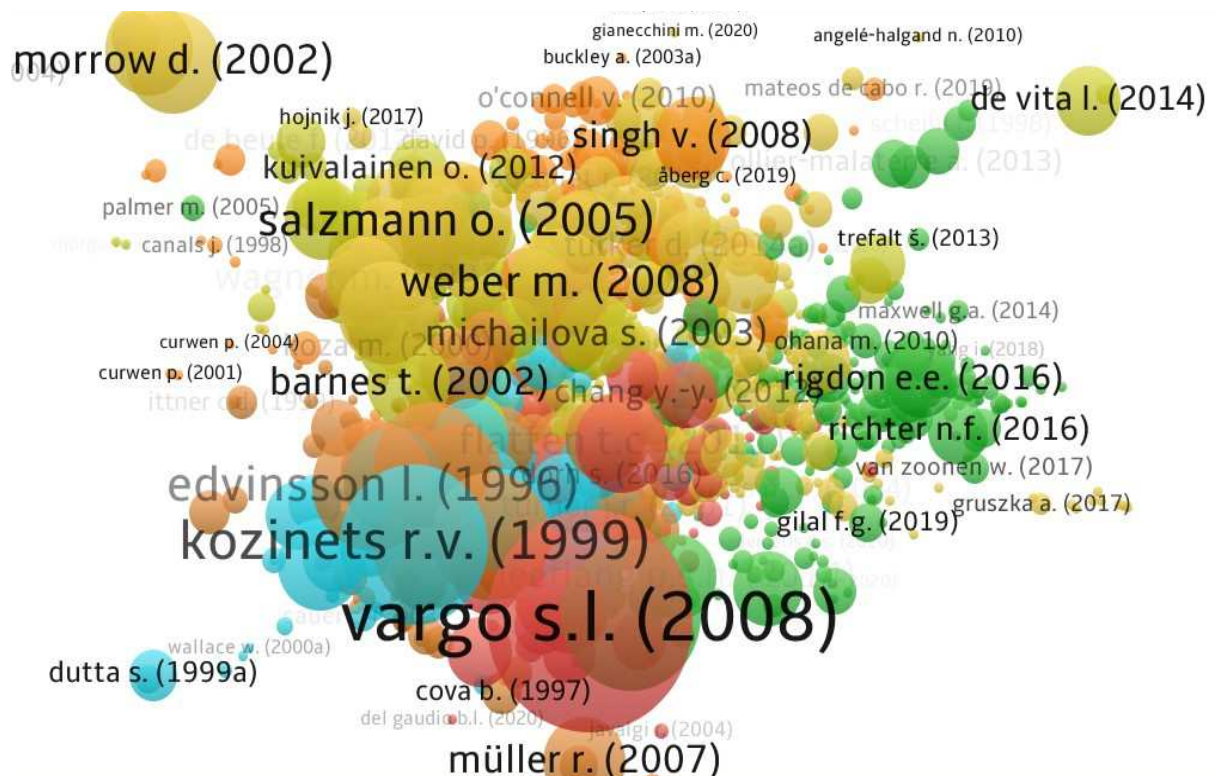


Figure 4. Most cited EMJ articles

### *3.3. Top influential authors of EMJ*

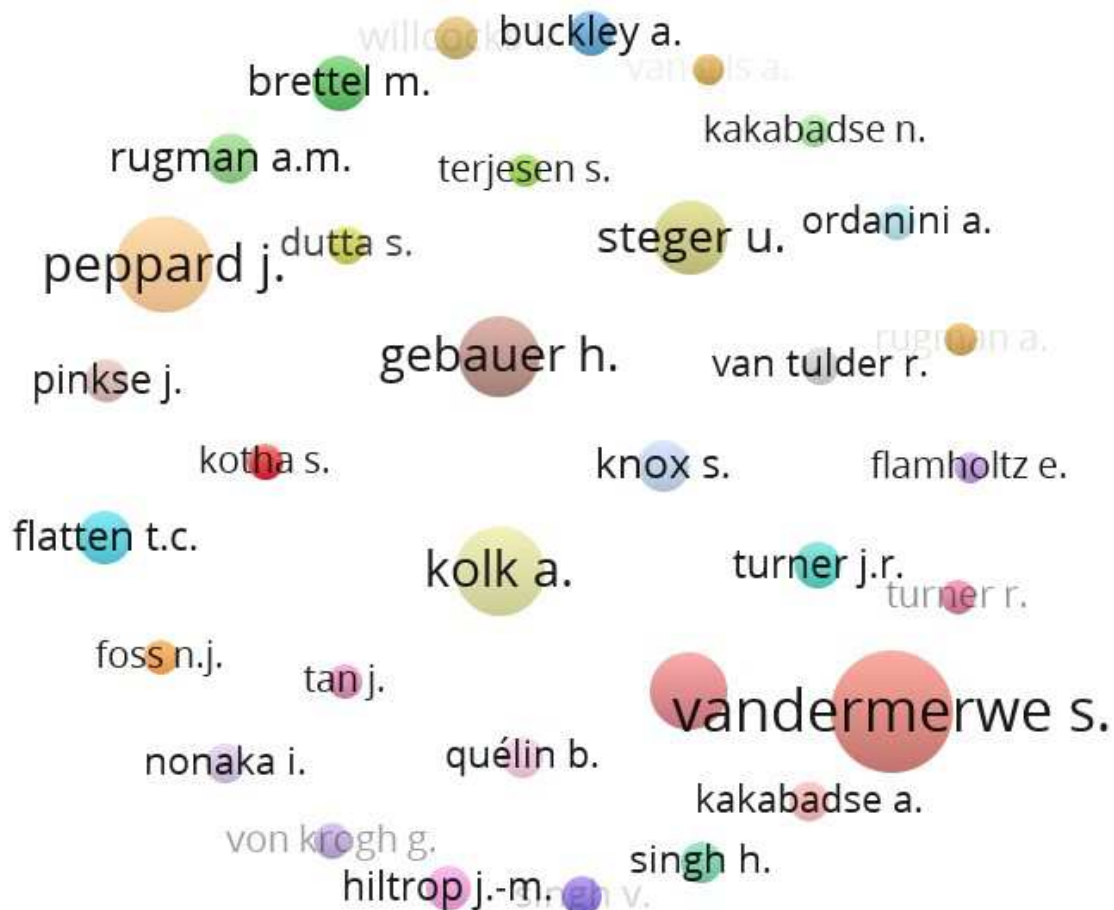
We listed out top authors of EMJ based on their number of publications and citations received for their contributions in EMJ. Table 3 presents the list of most cited and influential EMJ authors. A total of 3293 authors across the globe have contributed their research works to the EMJ. Authors with a minimum of 3 EMJ publications and 200 citations are considered for the preparation of the list of top authors. We found 34 out of 3293 such authors who met these criteria. In terms of the number of TP, Stonham, P of ESCP Europe Business School, London tops the list with a total of 53 EMJ publications followed by Rugman, A.M of Green Templeton College, Oxford with 13 publications; Hiltrop, J.M of IESE Business School, Barcelona with 11 publications; Cova, B of KEDGE Business School, Talence with 10 publications; and Kolk, A of Universiteit van Amsterdam, Amsterdam with 9 publications.

In terms of TC, the top 5 most influential authors of EMJ include the following: Vandermerwe, S. of Imperial College Business School, London tops the list with 1296 citations received for her 8 EMJ publications; followed by Peppard, J. of ESMT Berlin, Berlin with 942 citations for his 8 EMJ publications; Kolk, A. of Universiteit van Amsterdam with 845 citations received for her 9 EMJ publications; Flatten, T.C. of TU Dortmund University, Germany with 446 citations for her 5 EMJ publications; and Knox, S. of Cranfield School of Management, U.K. with 407 citations for his 5 EMJ publications.

**Table 2. Most cited top 20 EMJ studies**

Total Citations	Title of the Paper	Author(s)	Year	#years since published	Citation per Year
1442	“On value and value co-creation: A service systems and service logic perspective”	<a href="#">Vargo S.L., Maglio P.P., Akaka M.A.</a>	2008	12	120.2
1215	“Servitization of business: Adding value by adding services”	<a href="#">Vandermerwe S., Rada J.</a>	1988	32	38.0
765	“E-tribalized marketing?: The strategic implications of virtual communities of consumption”	<a href="#">Kozinets R.V.</a>	1999	21	36.4
673	“How to Sustain the Customer Experience: An Overview of Experience Components that Co-create Value With the Customer”	<a href="#">Gentile C., Spiller N., Noci G.</a>	2007	13	51.8
509	“Developing a model for managing intellectual capital”	<a href="#">Edvinsson L., Sullivan P.</a>	1996	24	21.2
490	“Overcoming the service paradox in manufacturing companies”	<a href="#">Gebauer H., Fleisch E., Friedli T.</a>	2005	15	32.7
472	“The knowledge toolbox: A review of the tools available to measure and manage intangible resources”	<a href="#">Bontis N., Dragonetti N.C., Jacobsen K., Roos G.</a>	1999	21	22.5
443	“The business case for corporate sustainability: Literature review and research options”	<a href="#">Salzmann O., Ionescu-Somers A.M., Steger U.</a>	2005	15	29.5
397	“Supply chain collaboration: Making sense of the strategy continuum”	<a href="#">Holweg, M., Disney, S., Holmström, J., Småros, J.</a>	2005	15	26.5
360	“The business case for corporate social responsibility: A company-level measurement approach for CSR”	<a href="#">Weber M.</a>	2008	12	30.0
351	“From Value Chain to Value Network: Insights for Mobile Operators”	<a href="#">Peppard J., Rylander A.</a>	2006	14	25.1
320	“Responsible leadership and corporate social responsibility: Metrics for sustainable performance”	<a href="#">Székely, F., Knirsch, M.</a>	2005	15	21.3
316	“Five styles of Customer Knowledge Management, and how smart companies use them to create value”	<a href="#">Buckley A., Tse K., Rijken H., Eijgenhuijsen H.</a>	2002	18	17.6
316	“Adopting corporate environmental management systems: Motivations and results of ISO 14001 and EMAS certification”	<a href="#">Morrow D., Rondinelli D.</a>	2002	28	11.3
304	“Benchmarking the learning capability of organizations”	<a href="#">Goh S., Richards G.</a>	1997	23	13.2
300	“A measure of absorptive capacity: Scale development and validation”	<a href="#">Flatten T.C., Engelen A., Zahra S.A., Brettel M.</a>	2011	09	33.3
267	“Panacea, Common Sense, or Just a Label? The Value of ISO 14001 Environmental Management Systems”	<a href="#">Rondinelli D., Vastag G.</a>	2000	20	13.4
255	“Customer Relationship Management (CRM) in Financial Services”	<a href="#">Peppard J.</a>	2000	20	12.8
244	“Effective university - Industry interaction: A multi-case evaluation of collaborative R&D projects”	<a href="#">Barnes T., Pashby I., Gibbons A.</a>	2002	18	13.6
242	“Bringing together strategic outsourcing and corporate strategy: Outsourcing motives and risks”	<a href="#">Quélin, B., &amp; Duhamel, F.</a>	2003	17	14.2

In terms of average citation per paper, the top 5 most productive and influential EMJ authors include the following: Vandermerwe, S. of Imperial College Business School, London, United Kingdom tops the list with 162 average citations, followed by Peppard, J. of ESMT Berlin, Germany with 118 average citations; Kolk, A of Universiteit van Amsterdam, Netherlands with 94 average citations; Flatten, T.C. of TU Dortmund University, Germany with 82 average citations; and Knox, S. of Cranfield School of Management, United Kingdom with 81 average citations (see Fig. 5).



**Figure 5. Most productive and influential EMJ authors**

### 3.4. Top Productive and influential institutions of EMJ authors

EMJ published a total of 2158 publications between 1982 and 2020, which were received from the authors of 3008 institutions across the globe. To find the top influential authors' institutions among them, we considered only those authors' institutions with minimum of 3 EMJ publications and 100 total citations. A total of 25 such authors' institutions fulfilled these criteria from which EMJ frequently receives most of the research works. Table 4 presents the list of top productive and influential EMJ authors' institutions that contribute the highest and impactful research works. In terms of TP, the top most productive and influential author institutions include the following: INSEAD, Europe campus from France tops the list with a total of 71 EMJ publications, followed by University of Glasgow from United Kingdom with 59 publications; Cranfield School of Management, Cranfield from United Kingdom with 58 EMJ publications; Erasmus Universiteit Rotterdam, Rotterdam from

Netherlands with 50 EMJ publications; and International Institute for Management Development, Lausanne from Switzerland with 50 EMJ publications.

**Table 3.** Most productive and influential top 30 EMJ authors

Author	Affiliation	Country	TP	TC	AC	Index			Rank			
						h	g	m	h/TP	TP	TC	AC
Vandermerwe, S.	Imperial College Business School, London	United Kingdom	8	1296	162.0	6	8	0.75	0.75	6	1	1
Peppard, J.	ESMT Berlin, Berlin	Germany	8	942	117.8	8	8	1.00	1.00	7	2	2
Kolk, A.	Universiteit van Amsterdam, Amsterdam	Netherlands	9	845	93.9	9	9	1.00	1.00	5	3	3
Flatten, T.C.	TU Dortmund University	Germany	5	446	89.2	5	5	1.00	1.00	21	6	4
Knox, S.	Cranfield School of Management	United Kingdom	5	407	81.4	5	5	1.00	1.00	22	7	5
Buckley, A.	Cranfield School of Management	United Kingdom	5	361	72.2	4	6	0.67	0.80	23	9	6
Brettel, M.	Rheinisch-Westfälische Technische Hochschule Aachen	Germany	7	461	65.9	5	6	0.83	0.71	9	5	7
Dutta, S.	Columbia Asia Hospital, Kolkata	India	5	247	49.4	5	5	1.00	1.00	24	11	8
Rugman, A.M.	Green Templeton College, Oxford	United Kingdom	13	636	48.9	8	12	0.67	0.62	2	4	9
Willcocks, L.	London School of Economics and Political Science, London,	United Kingdom	7	327	46.7	5	7	0.71	0.71	10	10	10
Hiltrop, J.M.	IESE Business School, Barcelona	Spain	11	403	36.6	10	11	0.91	0.91	3	8	11
Roos, J.	Jönköping International Business School	Sweden	6	186	31.0	4	6	0.67	0.67	15	14	12
Loch, C.	Cambridge Judge Business School	United Kingdom	5	153	30.6	5	5	1.00	1.00	25	17	13
Von Krogh, G.	ETH Zürich, Zurich ZH	Switzerland	7	213	30.4	5	7	0.71	0.71	11	12	14
Flamholtz, E.	University of California, Los Angeles	United States	7	210	30.0	7	7	1.00	1.00	12	13	15
Williamson, P.	University of Cambridge	United Kingdom	6	166	27.7	4	6	0.67	0.67	16	16	16
Verbeke, A.	University of Calgary, Calgary	Canada	6	148	24.7	4	6	0.67	0.67	17	18	17
Van Heck, E.	Rotterdam School of Management	Netherlands	5	121	24.2	5	5	1.00	1.00	26	20	18
Jelassi, T.	École des Ponts ParisTech, Marne-la-Vallée	France	5	113	22.6	4	5	0.80	0.80	27	21	19
Thomas, H.	Singapore Management University	Singapore	6	128	21.3	6	6	1.00	1.00	18	19	20
Walsh, G.	Friedrich Schiller Universität Jena	Germany	5	103	20.6	4	5	0.80	0.80	28	24	21
Fernando, M.	University of Wollongong	Australia	6	111	18.5	5	6	0.83	0.83	19	22	22
Cova, B.	KEDGE Business School, Talence	France	10	178	17.8	6	8	0.75	0.60	4	15	23
Harvey, M.	Southern Methodist University, Dallas	United States	7	107	15.3	6	7	0.86	0.86	13	23	24
Haenlein, M.	ESCP Europe Business School, Paris	France	7	101	14.4	3	6	0.50	0.43	14	25	25
Bowman, C.	Cranfield School of Management	United Kingdom	8	100	12.5	6	8	0.75	0.75	8	26	26
Cadin, L.	ESCP Europe Business School, Paris	France	5	57	11.4	3	3	1.00	0.60	29	29	27
De Meyer, A.	Singapore Management University	Singapore	6	58	9.7	3	6	0.50	0.50	20	28	28
Stonham, P.	ESCP Europe Business School, London	United Kingdom	53	67	1.3	5	7	0.71	0.09	1	27	29

\*Note: Authors with 5 publication and 50 citations are included in the study



In terms of TC, the top 5 most influential EMJ authors' institutions include the following: Cranfield School of Management, Cranfield from United Kingdom tops the list with 2432 citations, followed by INSEAD Europe campus, France with 2172 citations; Erasmus Universiteit Rotterdam from Netherlands with 1678 citations; and International Institute for Management Development, Lausanne from Switzerland with 1577 citations (see Fig. 6).

In terms of h-index, INSEAD Europe campus, France, and Erasmus Universiteit Rotterdam, Netherlands, are the top two most productive and influential institutions of EMJ authors with 25 and 23, respectively.



Figure 6. Top most EMJ's productive and influential affiliated author's institutions

In terms of institutions' most cited study and productive authors, Kayworth, T., Leidner, D., (2000) is the most cited study and Loch, C. is the most productive author of INSEAD, Europe campus. Similarly, Paton, R.A., McLaughlin, S., (2008) is the most cited study and MacLennan, M. and Paton, R.A are the most productive authors of University of Glasgow. Haenlein, M., Kaplan, A.M., Beeser, A.J. (2007) is the most cited study and Cadin, L is the most productive author of ESCP Europe Business School, Paris. Peppard, J., Rylander, A (2006) is the most cited study and Peppard, J. is the most productive author of Cranfield School of Management, United Kingdom. Salzmann, O., Ionescu-Somers, (2005) is the most cited study and Ketelh hn, W. is the most productive author of International Institute for Management Development, Lausanne, Switzerland.

**Table 4. EMJ's most productive affiliated institutions and their productive studies and authors**

Author Institution	TP	TC	h-index	Most cited article			Most productive author			
				Title	Author	Year	TC	Author	TP	TC
INSEAD, Europe Campus	71	2172	25	"The global virtual manager: A prescription for success"	<a href="#">Kayworth, T., Leidner, D.</a>	2000	228	Loch, C.	5	153
University of Glasgow	59	646	14	"Services innovation: Knowledge transfer and the supply chain"	<a href="#">Paton, R.A., McLaughlin, S</a>	2008	105	MacLennan, M.*	12	1
								Paton, R.A.**	3	113
Cranfield School of Management	58	2432	22	"From Value Chain to Value Network: Insights for Mobile Operators"	<a href="#">Peppard, J., Rylander, A.</a>	2006	351	Peppard, J.	7	910
Erasmus Universiteit Rotterdam	50	1678	23	"Mechanisms of governance in the project-based organization: Roles of the broker and steward"	<a href="#">Turner, J.R., Keegan, A.</a>	2001	160	Van Heck, E.	5	121
International Institute for Management Development, Lausanne	50	1577	15	"The business case for corporate sustainability: Literature review and research options"	<a href="#">Salzmann, O., Ionescu-Somers, A.M., Steger, U.</a>	2005	444	Ketelhöhn, W.	7	22
London Business School	36	982	16	"Systems thinking and business process redesign: An application to the beer game"	<a href="#">Van Ackere, A., Larsen, E.R., Morecroft, J.D.W.</a>	1993	107	Markides, C.	4	96
Rotterdam School of Management, Erasmus University	32	980	18	"Business and partnerships for development"	<a href="#">Kolk, A., van Tulder, R., Kostwinder, E.</a>	2008	102	Van Heck, E.	5	121
ESCP Europe Business School, Paris	30	451	13	"A Model to Determine Customer Lifetime Value in a Retail Banking Context"	<a href="#">Haenlein, M., Kaplan, A.M., Beeser, A.J.</a>	2007	62	Cadin, L	5	57
Copenhagen Business School	29	1259	16	"Personal networking in Russia and China: Blat and guanxi"	<a href="#">Michailova, S., Worm, V.</a>	2003	214	Foss, N.J.	5	250
Università Bocconi	28	708	15	"Service co-production and value co-creation: The case for a service-oriented architecture (SOA)"	<a href="#">Ordanini, A., Pasini, P.</a>	2008	131	Ordanini,	4	262
University of Warwick	27	1016	15	"Effective university - Industry interaction: A	<a href="#">Barnes, T., Pashby, I., Gibbons, A.</a>	2002	244	Doyle, P.	4	95

				multi-case evaluation of collaborative R&D projects”						
Cranfield University	25	1156	12	“Five styles of Customer Knowledge Management, and how smart companies use them to create value”	<a href="#">Buckley, A., Tse, K., Rijken, H., Eijgenhuijsen, H.</a>	2002	316	Bowman, C.,	4	45
Warwick Business School	23	823	15	“Speed in M&A Integration: The first 100 days”	<a href="#">Angwin, D.</a>	2004	101	Willcocks, L.	3	156
University of St. Gallen	22	1450	14	“Overcoming the service paradox in manufacturing companies”	<a href="#">Gebauer, H., Fleisch, E., Friedli, T.</a>	2005	491	Von Krogh, G.,	5	190
Adam Smith Business School	21	175	8	“Sustainable consumption and third-party certification labels: Consumers’ perceptions and reactions”	<a href="#">Brach, S., Walsh, G., Shaw, D.</a>	2018	29	Siebert, S.	3	12
Universiteit van Amsterdam	19	1173	16	“Market strategies for climate change”	<a href="#">Kolk, A.,</a>	2004	193	Kolk, A.,	9	855
City University of London, Cass Business School	19	543	12	“Co-operative partnership and 'total' IT outsourcing: From contractual obligation to strategic alliance?”	<a href="#">Willcocks, L., Choi, C.J.</a>	1995	112	Haefliger, S.	2	94
Maastricht University	18	825	15	“Internet Adoption Barriers for Small Firms in the Netherlands”	<a href="#">Walczuch, R., Van Braven, G., Lundgren, H.</a>	2000	143	Van Gils, A.	3	158
University of Groningen	17	682	11	“Challenges and solutions for marketing in a digital era”	<a href="#">Leeflang, P.S.H., Verhoef, P.C., Dahlström, P., Freundt, T.</a>	2014	226	Verhoef, P.C.,	2	309
Harvard Business School	17	522	10	“What is the optimum amount of organizational slack? A study of the relationship between slack and innovation in multinational firms”	<a href="#">Nohria, N., Gulati, R.</a>	1997	114	Bartlett, C.	2	51

Note: \*-Based on total publications; \*\*- based on total citations

### 3.5. Top productive and influential countries of EMJ

An attempt was made to identify the list of top most productive and influential countries from which EMJ received most of the research works between 1982 and 2020. Ninety countries across the globe have contributed 2158 research papers in EMJ in the study period. Countries with minimum of 5 EMJ publications and 100 citations are considered for the analysis. A total of 32 countries met this threshold and were included in the list. Table 5 provides the list of 20 top most productive countries of EMJ publications. United Kingdom is the most productive country of EMJ. A total of 27% (i.e., 588) of the total 2158 EMJ publications were from the authors of the United Kingdom, which are cited by 13907 times in other documents. University of Glasgow is the most productive institution and Stonham, P is the most productive author from United Kingdom. Similarly, United States is the 2<sup>nd</sup> most productive country of EMJ. A total of 17.65% (i.e., 381) of the total EMJ publications were from the authors of the United States, which are cited by 15322 times in other documents. University of Pennsylvania is the most productive institution and Flamholtz is the most productive author of United States. France is the 3<sup>rd</sup> most productive country of EMJ publications. Its 234 EMJ publications received 5487 citations. INSEAD Europe Campus is the most productive institution and Cova, B. is the most productive author from France. Similarly, Germany is the 4<sup>th</sup> most productive country of EMJ publications. Its 167 documents received 4977 citations. ESCP Europe Business School, Berlin is the most productive institution and Brettel, M. is the most productive author from Germany. Interestingly, these four countries constitute 63.5% of EMJ's total publications. In terms of TC and h-index, United States is the most influential country with the highest citations and h-index followed by United Kingdom, Netherlands, France, Germany and Switzerland. Fig. 7 depicts the network analysis of most productive countries of EMJ authors.

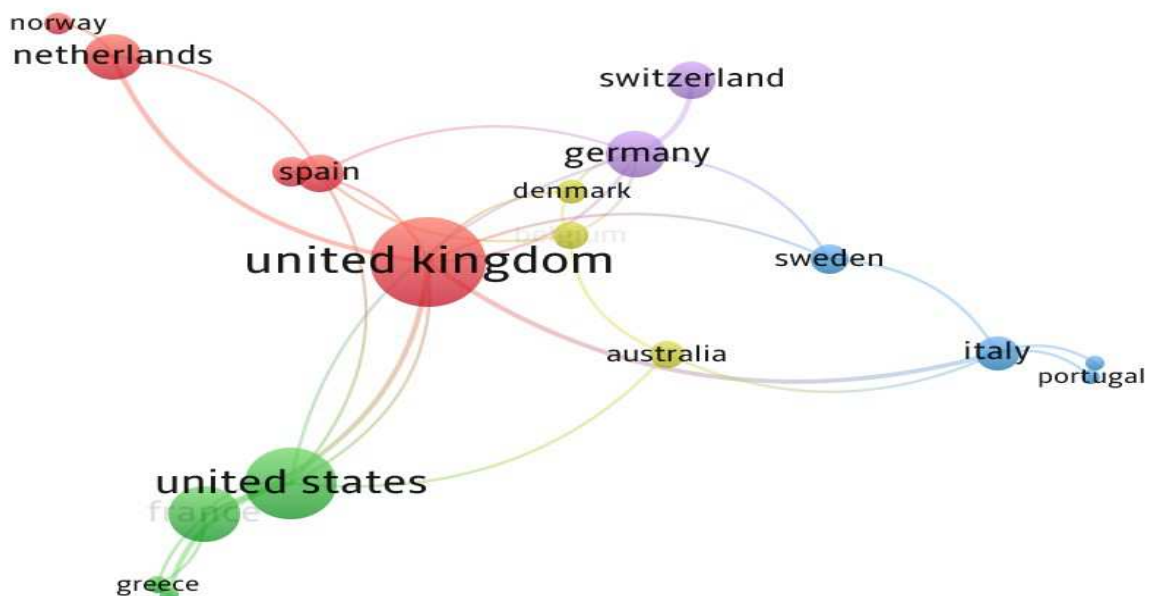


Figure 7. Most productive countries of EMJ authors

Rank (TP)	Author Country	TP	TC	h-index	Rank (TC)	Productive institution	TP	Author	TP
1	United Kingdom	588	13907	60	2	University of Glasgow	59	Stonham, P.	27
2	United States	381	15322	61	1	University of Pennsylvania	16	Flamholtz	7
3	France	234	5487	38	5	INSEAD, Europe	71	Cova, B..	8
4	Germany	167	4977	36	6	ESCP Europe Business School, Berlin	15	Brettel, M.	7
5	Netherlands	158	5816	46	4	Erasmus Universiteit Rotterdam	49	Kolk, A..	9
6	Switzerland	113	5887	34	3	International Institute for Management Development, Lausanne	46	Ketelhöhn, W.	7
7	Spain	108	1733	22	11	University of Valencia	16	Jelassi, T.	3
8	Italy	93	2845	28	7	Università Bocconi	28	Ordanini, A.	4
9	Canada	72	2103	25	9	The University of Western Ontario	11.	Rugman, A.M.	4
10	Sweden	70	2534	22	8	Lunds Universitet	13	Nilsson, F.,	4
11	Belgium	67	1171	18	14	KU Leuven	17	Hiltrop, J.M.	5
12	Australia	60	1999	24	10	University of Technology Sydney	8	Fernando, M.	6
13	Denmark	48	1720	21	12	Copenhagen Business School	29	Foss, N.J.	4
14	Norway	41	921	16	15	Handelshøyskolen BI	12	Foss, N.J.	3
15	Finland	33	1489	8	13	Aalto University	10	Welch, D.,	2
16	Israel	29	315	10	19	Tel Aviv University	5	Fiegenbaum, A.,	2
17	China	28	642	16	16	Tsinghua University	4	Robb, D.	2
18	Greece	24	627	12	17	Athens University of Economics and Business	13	Spanos, Y.	4
19	Portugal	21	320	11	18	Nova School of Business and Economics, Universidade Nova de Lisboa	9.	Clegg, S.R.	5
20	Poland	20	145	08	20	University of Warsaw	8,	Korzynski, P.	3

Table 5. EMJ's most productive countries and their productive institutes and authors

Note: TP - Total Publications; TC - Total Citations

tions

### 3.6. Most frequently cited top 25 journals in EMJ

An attempt was made to identify the list of most frequently cited journals in EMJ. A total of 18915 journals were cited in EMJ articles. Journals with a minimum of 300 citations in EMJ articles are included in the analysis to prepare the list of the most cited journals. Thirty one such journals were found to meet the criteria. Most of these journals are Association of Business Schools' (ABS) AJG 4\* rated and Australian Business Deans Council's (ABDC) A\* rated journals, which show that the research works of high quality are discussed in the EMJ. For instance, *Strategic Management Journal* an ABS 4\* and an ABDC-A\* rated journal is the most frequently cited journal, which was cited 3181 times in EMJ articles. Similarly, *Academy of Management Journal*, which is also an ABS 4\* and an ABDC-A\*, is the 2<sup>nd</sup> mostly cited journal that was cited 2233 times in EMJ articles. *Academy of Management Review* is cited 2072 times and *Journal of Management* is cited 1166 times in EMJ articles. Table 6 shows the list of top 20 most frequently cited journals apart from EMJ in EMJ articles between 1982 and 2020.

In terms of total link strength, the top 5 most frequently journals are *Strategic Management Journal* with 96458 TLS; *Academy of Management Journal* with 76029 TLS; *Academy of Management Review* with 63171 TLS; *Organization Science* with 48974 TLS; and *Administrative Science Quarterly* with 42645. Fig. 8 shows the co-citation analysis of most frequently cited journals in EMJ articles.

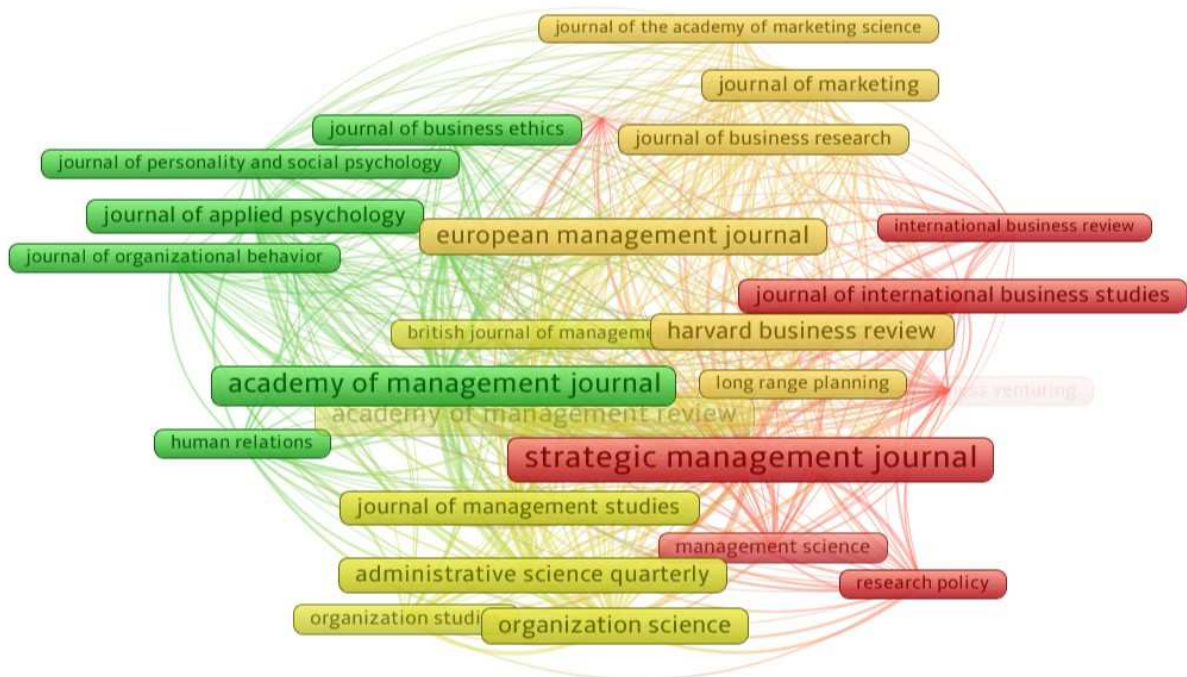


Figure 8. Co-citation analysis of most frequently cited journals in EMJ Publications

**Table 6. List of most frequently cited journals in EMJ articles**

<b>Journal</b>	<b>ABS rating</b>	<b>ABDC rating</b>	<b>TC</b>	<b>Total Link Strength</b>
Strategic Management Journal	4*	A*	3181	96458
Academy of Management Journal	4*	A*	2233	76029
Academy of Management Review	4*	A*	2072	63171
Harvard Business Review	3	A*	1413	21254
Organization Science	4*	A*	1400	48974
Administrative Science Quarterly	4*	A*	1293	42645
Journal of Management	4*	A*	1166	42574
Journal of Applied Psychology	4*	A*	1019	27373
Journal of Management Studies	4*	A*	946	34083
Journal of International Business Studies	4*	A*	911	22864
Journal of Marketing	4*	A*	894	19621
Management Science	4*	A*	658	19756
Journal of Business Ethics	3	A	595	13727
Organization Studies	4	A*	577	19056
Journal of Business Research	3	A	569	18695
Long Range Planning	3	A	502	11235
Journal of Business Venturing	4	A*	461	15790
Research Policy	4*	A*	458	14345
Human Relations	4	A*	443	13905
California Management Review	3	A	441	9360
Journal of Marketing Research	4*	A*	393	11514
British Journal of Management	4	A	391	14206
Journal of Organizational Behavior	4	A*	389	12448
Sloan Management Review	3	A	361	5556
Industrial Marketing Management	3	A*	353	10324
Journal of Personality And Social Psychology	4	A*	349	10052
International Business Review	3	A	318	10454
International Journal of Human Resource Management	3	A	318	7798
Journal of The Academy of Marketing Science	4*	A*	306	8214
Journal of Financial Economics	4*	A*	303	5124

**Note:** ABS-Associations of Business Schools; ABDC-Australian Business Deans Council; TC-Total Citation

### 3.7. Most frequently occurred keywords in EMJ publications

Table 7 provides the co-occurrences of EMJ keywords in articles published between 1982 and 2020. The 2158 EMJ articles consist 4013 keywords. We considered only such keywords that occurred at least 10 times in EMJ publications in the study. Thirty six keywords are found to meet this criteria. Innovation, leadership, and SMEs are the most frequently occurred keywords with 31 times occurrences in EMJ articles. This indicates that at least 31 of 2158 EMJ articles discussed these 3 keywords in the context of business and management theory and practices. Moreover, corporate governance, strategy, corporate social responsibility, knowledge management firm performance, job satisfaction, internationalization, competitive advantage and entrepreneurship are the mostly explored topics in EMJ articles. Fig. 9 depicts the most explored keywords in EMJ articles.

Keyword	Occurrence	Total Link Strength	Keyword	Occurrence	Total Link Strength
Innovation	31	16	Internationalization	14	9
Leadership	31	12	Knowledge Sharing	13	3
SMEs	31	20	Resource-Based View	13	5
Corporate Governance	30	4	Competitive Advantage	12	12
Performance	28	12	Corporate Strategy	12	4
Strategy	27	13	E-Commerce	12	12
Corporate Social Responsibility	24	8	Entrepreneurship	12	9
Trust	22	12	Networks	12	8
Knowledge Management	21	8	Social Capital	12	7
Internet	17	12	Strategic Management	12	6
Outsourcing	17	8	Dynamic Capabilities	11	7
Firm Performance	16	7	Financial Performance	11	6
Job Satisfaction	15	2	Information Technology	11	6
Case Study	14	7	Change Management	10	6

**Table 7. Most frequently occurred keywords in EMJ publications**





Figure 9. Co-Occurrence analysis of Keywords in EMJ publications

### 3.8. Top authors, institutions, journals and countries most frequently citing EMJ publications

Table 8 presents the list of top 25 authors, journals, affiliated institutions and countries citing EMJ articles between 1982 and 2020. The top most 5 authors frequently citing EMJ publications include the following: Gebauer, H. with 56 EMJ citations; Bontis, N with 52 EMJ citations ; Kolk, A. with 44 citations; Rugman, A.M with 44 EMJ citations; and Gunasekaran, A with 42 EMJ citations. Similarly, *Sustainability Switzerland*, *Journal Of Cleaner Production*, *Journal Of Business Research*, *Industrial Marketing Management*, and *Journal of Business Ethics* are the top 5 most journals frequently citing EMJ articles with 721, 518, 499, 450, and 406 citations, respectively. Most of the journals citing EMJ are ABS and ABDC top-tiered journals. Mostly these journals publish only original and top-quality research works. Getting cited in these journals indicates the quality of the EMJ publications. Authors affiliated with Aalto University cited EMJ article 401 times, followed by authors from Copenhagen Business School (365 times); The University of Manchester (321 times); and authors from Alliance Manchester Business School cited EMJ publications 303 times. United Kingdom, United States, China, Australia, and Germany are the 5 most EMJ citing countries with 7599, 7076, 3476, 3061, and 2919 times citations. Fig. 10 depicts the list of top authors, institutions, journals, and countries frequently citing EMJ articles.

**Table 8. Top authors, institutions, journals, and countries most frequently citing EMJ publications**

Rank	Author	TC	Journals	TC	Affiliated Institution	TC	Country	TC
1	Gebauer, H.	56	European Management Journal	787	Aalto University	401	United Kingdom	7599
2	Bontis, N.	52	Sustainability Switzerland	721	Copenhagen Business School	365	United States	7076
3	Kolk, A.	44	Journal Of Cleaner Production	518	The University of Manchester	321	China	3476
4	Rugman, A.M	44	Journal Of Business Research	499	Alliance Manchester Business School	303	Australia	3061
5	Gunasekaran, A	42	Industrial Marketing Management	450	LUT University	302	Germany	2919
6	Kraus, S.	42	Journal Of Business Ethics	406	Cranfield School of Management	296	Spain	2808
7	Cegarra-Navarro, J.G.	38	Management Decision	326	Hong Kong Polytechnic University	294	Italy	2455
8	Ghezzi, A.	38	International Journal Of Human Resource Management	296	Erasmus Universiteit Rotterdam	276	France	2061
9	Parida, V.	38	International Journal Of Production Economics	268	Politecnico di Milano	268	Finland	1869
10	Kasemsap, K.	37	International Business Review	262	University of St. Gallen	248	Canada	1708
11	Kohtamäki, M.	36	International Journal Of Operations And Production Management	240	University of Cambridge	238	Netherlands	1726
12	Grimaldi, M.	35	Journal Of Knowledge Management	239	Cranfield University	234	Sweden	1639
13	Pezzotta, G.	35	International Journal Of Project Management	214	University of Warwick	231	India	1545
14	Sarkis, J.	35	Technological Forecasting And Social Change	211	Monash University	227	Taiwan	1500
15	Brenner, W.	34	Journal Of Business And Industrial Marketing	208	University of Valencia	222	Malaysia	1258
16	Saccani, N.	33	Business Strategy And The Environment	200	RMIT University	222	Brazil	1028
17	Harvey, M.	32	Journal Of Intellectual Capital	198	Cardiff University	214	Denmark	961
18	Krcmar, H.	32	Journal Of World Business	184	Vaasan Yliopisto	207	Portugal	912
19	Tarba, S.Y.	31	International Journal Of Production Research	170	Brunel University London	200	South Korea	894
20	Dimitratos, P.	30	Lecture Notes In Computer Science Including Subseries Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics	164	Queensland University of Technology	198	Switzerland	855
21	Edvardsson, B.	30	Production Planning And Control Proceedings Of The European	164	Henley Business School	197	Norway	733
22	Paul, J.	30	Conference On Knowledge Management Eckm	159	University of Reading	194	Greece	704
23	Rego, A.	30	Lecture Notes In Business Information Processing	154	University of Seville	194	New Zealand	695
24	Brewster, C.	29	Long Range Planning	154	Universidade de Sao Paulo - USP	193	Hong Kong	682
25	Cricelli, L.	29	British Journal Of Management	153	UNSW Sydney	193	Iran	660

**Note: TC** - Total citations

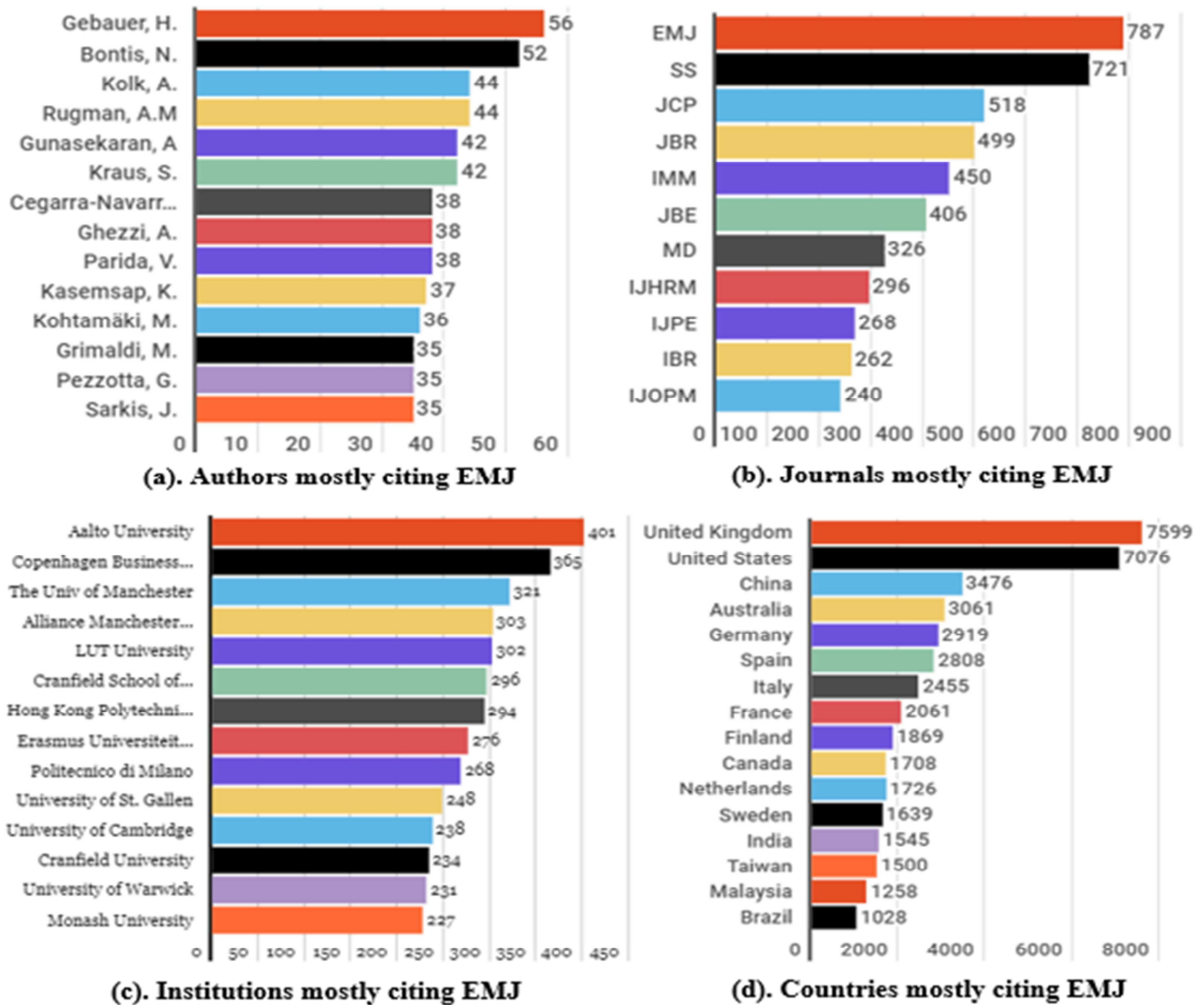


Figure 10. List of top EMJ citing authors, institutions, journals, and countries

### 3.9. Subject fields and research areas in which EMJ articles are cited mostly

The trend of EMJ’s citation structure in other fields of studies and research areas is examined thoroughly and found that most of the EMJ citations are received from those disciplines include the following: Business, Management and Accounting (32134 citations), Social Sciences (10624 citations), Economics, Econometrics and Finance (8928 citations), computer science (7564 citations), and so on. All the subject areas are divided into 5 clusters. Interestingly, EMJ is also receiving citations from unrelated fields such as Biochemistry, Genetics and Molecular Biology; Agricultural and Biological Sciences; Medicine; Agricultural and Biological Sciences; Earth and Planetary Sciences; Materials Science; Pharmacology, Toxicology and Pharmaceutics; Physics and Astronomy, etc. It shows the applicability of EMJ publications in other multidiscipline fields. EMJ articles are the most frequently cited in the research area including Innovation (2253 citations), Knowledge Management (2034 citations), Sustainable Development (1382 citations), Sustainability (1277 citations), Decision Making (1259 citations), and so on. Table

**Table 9. Disciplines and Research area in which EMJ articles are cited most frequently**

<b>Discipline</b>	<b>TC</b>	<b>Research Area</b>	<b>TC</b>
Business, Management and Accounting	32134	Innovation	2253
Social Sciences	10624	Knowledge Management	2034
Economics, Econometrics and Finance	8928	Sustainable Development	1382
Computer Science	7564	Sustainability	1277
Engineering	6687	Decision Making	1259
Decision Sciences	5767	Information Systems	1240
Environmental Science	3210	Competition	1172
Energy	1842	Corporate Social Responsibility	1054
Psychology	1752	Sales	1054
Arts and Humanities	1535	Supply Chain Management	1045
Mathematics	1358	Project Management	1006
Medicine	764	Commerce	956
Agricultural and Biological Sciences	544	Industry	885
Earth and Planetary Sciences	272	Manufacture	858
Materials Science	252	Human Resource	839
Multidisciplinary	217	Marketing	839
Chemical Engineering	205	Outsourcing	835
Biochemistry, Genetics and Molecular Biology	167	Performance	818
Nursing	131	Electronic Commerce	794
Physics and Astronomy	123	Information Management	782
Chemistry	82	Supply Chains	781
Pharmacology, Toxicology and Pharmaceutics	76	Information Technology	767
Health Professions	74	Customer Satisfaction	740
Neuroscience	23	Management	687
Immunology and Microbiology	13	Intellectual Capital	676
Veterinary	12	Competitive Advantage	654

### 3.10. Clustering of Research Works in EMJ between 1982 and 2020

The bibliographic documents coupling was done to classify the research works of EMJ. It is a measure of clustering similar research documents into identical clusters, which is done based on their common citations (Donthu, N., Kumar, S., & Pattnaik, D. (2020)). The publication structure of EMJ articles are classified into 9 clusters. These clusters include: *Cluster-1: Innovation Management*; *Cluster-2: Leadership & Change Management*; *Cluster-3: Strategic Management*; *Cluster-4: Knowledge Management*; *Cluster-5: Supply Chain Management*; *Cluster-6: Marketing Management*; *Cluster-7: sustainable development*; *Cluster-8: Human Resource Management*; *Cluster-9: Entrepreneurship*. Table 9 presents the overview of nine research clusters of EMJ and the major studies between 1982 and 2020.

The central focus of Cluster-1 is related to the management of innovation. A total of 187 studies are covered in this cluster, which explain the management of innovation in business context. These studies majorly explored the topics that include types of innovations, open innovation, strategic innovation, disruptive innovation, business model innovation, innovation performance, etc. The studies of Flatten, T.C., Engelen, A., Zahra, S.A., Brettel, M. (2011); Kumar, N., Scheer, L., Kotler, P. (2000); Cai G., (2010); Kindström, D., (2010); Saebi, T., Foss, N.J. (2015) and Paton, R.A., McLaughlin, S (2008) are the few major works of this cluster.

The studies of Cluster-2 discuss leadership & change management-related research. A total of 122 studies of EMJ are covered in this cluster. They majorly explore leadership roles, organizational change, strategic change, leaders vs managers, benchmarking, managing teams, etc. Székely, F., Knirsch, M., (2005); Goh, S., Richards, G., (1997); Kayworth, T., Leidner, D., (2000); Kindström, D., (2010) and Palanski, M.E., Yammarino, F.J. (2007) are the major studies of this cluster.

A total of 77 studies forms cluster-3, which discuss the research related to strategic management. These studies majorly explore the interesting topics such as corporate strategy, Strategic alliance, Strategy planning, and strategy implementation. The major studies of this cluster are Holweg, M., Disney, S., Holmström, J., Småros, J., (2005); Quélin, B., Duhamel, F., (2003); Kolk, A., Levy, D. (2001); and Zott, C., Amit, R., Donlevy, J. (2015).

The studies of Cluster-4 majorly focus on knowledge management. A total of 248 studies constitute this cluster, and they explain the research related to knowledge creation, knowledge sharing, knowledge transfer, knowledge acquisition, value creation, and so on. The major studies of this cluster are Vargo, S.L., Maglio, P.P., Akaka, M.A. (2008); Vandermerwe, S., Rada, J. (1988); Bontis, N., Dragonetti, N.C., Jacobsen, K., Roos, G. (1999); and Buckley, A., Tse, K., Rijken, H., Eijgenhuijsen, H., (2002).

The central focus of Cluster-5 studies is related to sustainable development research. This cluster consists of 83 EMJ articles. The topics majorly explored by these studies are sustainability, corporate sustainability, competitive advantage, sustainable development, and so on. Gentile, C., Spiller, N., Noci, G., (2007); Salzmann, O., Ionescu-Somers, A.M., Steger, U., (2005); Weber, M. (2008); and Székely, F., Knirsch, M., (2005) are the prominent studies of this cluster.

A total of 75 of EMJ studies constitute cluster-6. The major topics discussed in this cluster are related to supply chain management, procurement, outsourcing, supply networks, logistics, reverse supply chain, channel coordination, and so on. The major studies in this cluster include Holweg, M., Disney, S., Holmström, J., Småros, J., (2005); Peppard, J., Rylander, (2006); Davila, A., Gupta, M., Palmer, R.J. (2003); and Turker, D., Altuntas, C., (2014). Fig. 11 depicts the networking analysis of EMJ research clusters.

Cluster-7 is formed with 145 EMJ articles. The central focus of this cluster is marketing management. The major topics discussed in this cluster are related to marketing strategy, relationship marketing, customer relationship management, customer behavior, experience creation and management, and so on. The major studies in this cluster include Kozinets, R.V. (1999); Gentile, C., Spiller, N., Noci, G., (2007); Leeflang, P.S.H., Verhoef, P.C., Dahlström, P., Freundt, T., (2014); and Ryals, L., Knox, S. (2001).

A total of 165 EMJ articles form Cluster-8. The central focus of this cluster is human resource management. The major topics discussed in this cluster are related to HR practices, International HRM, performance management, training and development, and so on. The major studies in this cluster include Singh, V., Terjesen, S., Vinnicombe, S. (2008); Schuler, R., Jackson, S. (2001); Hiltrop, J.-M. (1999); and Hiltrop, J.-M. (1995).

Cluster-9 consists of 100 EMJ articles. The central focus of this cluster is entrepreneurship. The major topics discussed in this cluster are related to entrepreneurial orientation, entrepreneurial intentions, corporate entrepreneurship, entrepreneurial development activities, women entrepreneurship, and so on. The major studies in this cluster include De Vita, L., Mari, M., Poggesi, S. (2014); Shirokova, G., Osiyevskyy, O., Bogatyreva, K. (2016); Kiss, A.N., Danis, W.M (2008); and Maes, J., Leroy, H., Sels, L., (2014); and Thornberry, N., (2001).

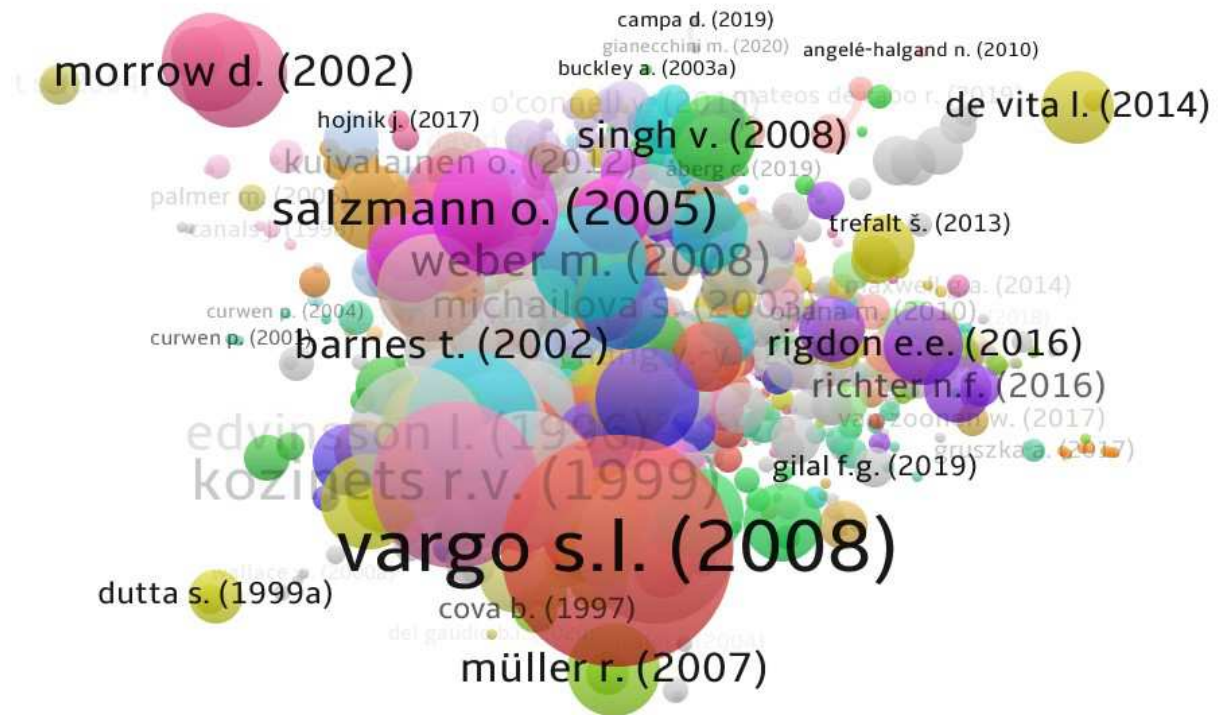


Figure 11. Networking analysis of EMJ articles

### 3.11. EMJ's research journey in the last 5 years: 2016-2020

We made an attempt to examine the research journey of EMJ during the last decade, 2016-2020. A total of 390 papers were published in EMJ during the last 5 years. Table 10 presents the status of TP; TC; h-index, g-index, and m-index of the journal; top 5 EMJ authors; and top 5 cited articles. A total of 390 EMJ articles were cited 4308 times together between 2016 and 2020. In terms of research indices, the h-index, g-index, and m-index of EMJ are 31, 48, and 0.64, respectively. In terms of TP, Baccarella, C.V with 4 publications and 84 citations; Osiyevskyy, O with 3 publications and 134 citations; Paul, J. with 3 publications and 94 citations; Wagner, T.F with 3 publications and 83 citations; and Bakker, A.B with 3 publications and 46 citations are the top 5 most productive EMJ authors during 2011 and 2020. The [Rigdon, E.E., \(2016\)](#) is the most cited EMJ article during the 5 years with 179 citations followed by [Richter et al., \(2016\)](#) with 132 citations. The concept of the masstige model in business management ([Paul, J., 2019](#); [Paul, J., 2020](#)) was developed and popularized during this period.

**Table 10. Publication and Citation structure of EMJ between 2016 and 2020**

TP = 390		NCP= 335		TC =4308		h-index = 31		g-index=48 m-index =0.64	
Top 5 Authors				Top 5 cited articles					
Rank	Author	TP	TC	Title	Author	Year	TC		
1	Baccarella, C.V.	4	84	Choosing PLS path modeling as analytical method in European management research: A realist perspective	<a href="#">Rigdon, E.E.</a>	2016	179		
2	Osiyevskyy, O.	3	134	European management research using partial least squares structural equation modeling (PLS-SEM)	<a href="#">Richter, N.F.</a> , <a href="#">Cepeda, G.</a> , <a href="#">Roldán, J.L.</a> , <a href="#">Ringle, C.M.</a>	2016	132		
3	Paul, J.	3	94	Bootstrapping and PLS-SEM: A step-by-step guide to get more out of your bootstrap results	<a href="#">Streukens, S.</a> , <a href="#">Leroi-Werelds, S.</a>	2016	129		
4	Wagner, T.F	3	83	Exploring the intention–behavior link in student entrepreneurship: Moderating effects of individual and environmental characteristics	<a href="#">Shirokova, G.</a> , <a href="#">Osiyevskyy, O.</a> , <a href="#">Bogatyreva, K.</a>	2016	113		
5	Bakker, A.B	3	46	Understanding platform business models: A mixed methods study of marketplaces	<a href="#">Täuscher, K.</a> , <a href="#">Laudien, S.M.</a>	2018	107		

Note: TP - total publications; NCP - number of cited publications; TC - total citations



Table 11. Clustering of EMJ articles between 1982 and 2020

Cluster	Central Focus	Major topics explored	TP	Most Cited Articles				
				Title	Author(s)	Year	TC	CPY
1	Innovation Management	Innovation, Open Innovation, Absorptive capacity, Strategic innovation performance, Disruptive innovation, Business model innovation	187	“A measure of absorptive capacity: Scale development and validation”	<a href="#">Flatten, T.C., Engelen, A., Zahra, S.A., Brettel, M.</a>	2011	303	33.67
				“From market driven to market driving”	<a href="#">Kumar, N., Scheer, L., Kotler, P.</a>	2000	230	11.5
				“Towards a service-based business model - Key aspects for future competitive advantage”	<a href="#">Kindström, D.</a>	2010	215	21.5
				“Business models for open innovation: Matching heterogeneous open innovation strategies with business model dimensions”	<a href="#">Saebi, T., Foss, N.J.</a>	2015	163	32.6
				“Absorptive capacity, learning processes and combinative capabilities as determinants of strategic innovation”	<a href="#">Gebauer, H., Worch, H., Truffer, B.</a>	2021	146	146
				“Services innovation: Knowledge transfer and the supply chain”	<a href="#">Paton, R.A., McLaughlin, S.</a>	2008	105	8.75
2	Leadership & Change Management	Leadership, Organizational change, Strategic change, Leader-member exchange	122	Responsible leadership and corporate social responsibility: Metrics for sustainable performance	<a href="#">Székely, F., Knirsch, M.</a>	2005	321	21.4
				“Benchmarking the learning capability of organizations”	<a href="#">Goh, S., Richards, G.</a>	1997	304	23.38
				The global virtual manager: A prescription for success	<a href="#">Kayworth, T., Leidner, D.</a>	2000	228	11.4
				Towards a service-based business model - Key aspects for future competitive advantage	<a href="#">Kindström, D.</a>	2010	215	21.5
				“Integrity and Leadership: Clearing the Conceptual Confusion”	<a href="#">Palanski, M.E., Yammarino, F.J.</a>	2007	142	10.9
				“Managing Team Knowledge: Core Processes, Tools and Enabling Factors”	<a href="#">Eppler, M.J., Sukowski, O.</a>	2000	102	5
3	Strategic Management	Corporate strategy, Strategic alliance, Strategy planning, strategy implementation	77	“Supply chain collaboration: Making sense of the strategy continuum”	<a href="#">Holweg, M., Disney, S., Holmström, J., Småros, J.</a>	2005	398	26.53
				“Bringing together strategic outsourcing and corporate strategy: Outsourcing motives and risks “	<a href="#">Quélin, B., Duhamel, E.</a>	2003	242	14.24
				“The effectiveness and specificity of change management in a public organization: Transformational leadership and a bureaucratic organizational structure	<a href="#">Van der Voet, J.</a>	2014	70	11.67

				“Winds of Change: Corporate Strategy, Climate change and Oil Multinationals”	<a href="#">Kolk, A., Levy, D.</a>	2001	146	7.68
				“Strategies for Value Creation in E-Commerce: Best Practice in Europe”	<a href="#">Zott, C., Amit, R., Donlevy, J.</a>	2000	139	6.95
4	Knowledge Management	Knowledge transfer, Knowledge sharing, Knowledge creation, Value creation, Knowledge acquisition	248	“On value and value co-creation: A service systems and service logic perspective”	<a href="#">Vargo, S.L., Maglio, P.P., Akaka, M.A.</a>	2008	1445	120.42
				“Servitization of business: Adding value by adding services”	<a href="#">Vandermerwe, S., Rada, J.</a>	1988	1220	
				“The knowledge toolbox:: A review of the tools available to measure and manage intangible resources”	<a href="#">Bontis,N., Dragonetti, N.C., Jacobsen, K., Roos, G.</a>	1999	472	38.13
				“Five styles of Customer Knowledge Management, and how smart companies use them to create value”	<a href="#">Buckley, A., Tse, K., Rijken,H., Eijgenhuijsen, H.</a>	2002	316	22.48
				“How to Sustain the Customer Experience:. An Overview of Experience Components that Co-create Value With the Customer	<a href="#">Gentile, C.,Spiller, N., Noci, G.</a>	2007	647	17.56
5.	Sustainable development	Sustainability, Sustainable development, Corporate sustainability, Competitive advantage	83	“The business case for corporate sustainability: Literature review and research options”	<a href="#">Salzmann,O., Ionescu-Somers, A.M., Steger, U.</a>	2005	447	49.77
				“The business case for corporate social responsibility: A company-level measurement approach for CSR”	<a href="#">Weber, M.</a>	2008	360	29.8
				“Responsible leadership and corporate social responsibility: Metrics for sustainable performance”	<a href="#">Székely, F., Knirsch, M.</a>	2005	321	30
				“Supply chain collaboration: Making sense of the strategy continuum”	<a href="#">Holweg, M., Disney, S.,Holmström,J., Smáros, J.</a>	2005	398	21.4
6.	Supply Chain Management	Supply chain, Procurement, Outsourcing, Supply networks	75	“From Value Chain to Value Network. Insights for Mobile Operators”	<a href="#">Peppard, J., Rylander, A</a>	2006	351	25.1
				Moving procurement systems to the internet: The adoption and use of e-procurement technology models	<a href="#">Davila, A., Gupta, M., Palmer, R.J.</a>	2003	220	12.9
				“Sustainable supply chain management in the fast fashion industry: An analysis of corporate reports”	<a href="#">Turker, D., Altuntas, C.</a>	2014	161	10.1
				“E-tribalized marketing?: The strategic implications of virtual communities of consumption”	<a href="#">Kozinets, R.V.</a>	1999	766	36.48
7	Marketing Management	Marketing strategy, Relationship marketing, Customer	145	“How to Sustain the Customer Experience: An Overview of Experience Components that Co-create Value With the Customer”	<a href="#">Gentile, C., Spiller, N., Noci, G.</a>	2007	647	49.77

		relationship management, Customer behavior, Customer satisfaction		“Challenges and solutions for marketing in a digital era”	<a href="#">Leeflang, P.S.H.</a> , <a href="#">Verhoef, P.C.</a> , <a href="#">Dahlström, P.</a> , <a href="#">Freundt, T.</a>	2014	226	14.13
				“Cross-functional issues in the implementation of relationship marketing through customer relationship management”	<a href="#">Ryals, L.</a> , <a href="#">Knox, S.</a>	2001	48	2.53
8	Human Resource Management	Human resource management, International HRM, HR practices, Performance management	165	“Newly appointed directors in the boardroom. How do women and men differ?”	<a href="#">Singh, V.</a> , <a href="#">Terjesen, S.</a> , <a href="#">Vinnicombe, S.</a>	2008	209	17.41
				“HR issues and activities in mergers and acquisitions”	<a href="#">Schuler, R.</a> , <a href="#">Jackson, S.</a>	2001	113	5.95
				“The quest for the best: Human resource practices to attract and retain talent”	<a href="#">Hiltrop, J.-M.</a>	1999	109	5.19
				“The changing psychological contract: The human resource challenge of the 1990s”	<a href="#">Hiltrop, J.-M.</a>	1995	108	4.32
9	Entrepreneurship	Entrepreneurship, Entrepreneurial orientation, Entrepreneurial intentions, Corporate entrepreneurship, Women entrepreneurs, International entrepreneurship	100	“Women entrepreneurs in and from developing countries: Evidences from the literature”	<a href="#">De Vita, L.</a> , <a href="#">Mari, M.</a> , <a href="#">Poggesi, S.</a>	2014	150	9.37
				“Exploring the intention-behavior link in student entrepreneurship: Moderating effects of individual and environmental characteristics”	<a href="#">Shirokova, G.</a> , <a href="#">Osivevskyy, O.</a> , <a href="#">Bogatyreva, K.</a>	2016	113	8.07
				Country institutional context, social networks, and new venture internationalization speed	<a href="#">Kiss, A.N.</a> , <a href="#">Danis, W.M.</a>	2008	82	6.83
				“Gender differences in entrepreneurial intentions: A TPB multi-group analysis at factor and indicator level”	<a href="#">Maes, J.</a> , <a href="#">Leroy, H.</a> , <a href="#">Sels, L.</a>	2014	70	4.375
				“Corporate entrepreneurship: Antidote or oxymoron”	<a href="#">Thornberry, N.</a>	2001	67	3.52

**Note:** TP - Total publications; TC - Total citations, CPY - citation per year

## Summary and Conclusions

The EMJ publishes only original, and high-quality impactful research related to all major fields of management theory and practice. During the 40 years of its publishing journey, EMJ has published 2164 documents between 1982 and 2020 with an average of 55 documents per annum. In terms of total publications, 2020 is the most productive year with 114 publications followed by 2014 with 88 publications and 2017 with 78 publications. In terms of total citations, 2005 was the most influential year with 3930 citations followed by 2008 with 3807 total citations. The most impactful research works are published in 2014 and 2018. The current h-index of EMJ is 106, which denotes 106 of 2158 EMJ articles are cited by at least 106 times in other documents. Vargo S.L., Maglio P.P., Akaka M.A.(2008) is the most cited EMJ article, which was cited 1442 times in other studies, followed by Vandermerwe S., Rada, (1998), which was cited by 1215 times. In terms of total publications, Stonham, P. of ESCP Europe Business School, London, United Kingdom is the most productive author with 53 EMJ publications followed by Rugman, A.M of Green Templeton College, and Oxford United Kingdom with 13 EMJ publications. Whereas Vandermerwe, S of Imperial College Business School, London from United Kingdom is the most productive and influential EMJ author with 8 publications and 1296 citations followed by Peppard, J. of ESMT Berlin, Berlin, Germany with 8 publications and 942 citations.

However, Vandermerwe, S. of Imperial College Business School, London, Peppard, J. of ESMT Berlin, Berlin and Kolk, A of Universiteit van Amsterdam, Amsterdam are the most productive and influential authors in terms of total citations, and average citations. In terms of total publications, INSEAD, Europe Campus, France with 71 publications is the most productive authors' institution followed by University of Glasgow, United Kingdom with 59 publications and Cranfield School of Management with 58 publications. Cranfield School of Management, INSEAD, and Europe Erasmus Universiteit Rotterdam are the most influential EMJ authors' institutions.

United Kingdom, United States, France, Germany, and Netherlands are the top 5 most productive countries of EMJ' authors with a total publication of 588, 381, 234, 167, and 158, respectively. Furthermore, United States. United Kingdom, Switzerland, Netherlands, and France are the most influential countries based on their total citations. Innovation, Leadership, SMEs and corporate governance are the most frequently occurred keywords of EMJ articles

Most of EMJ's articles receive citations from top-tiered ABS and ABDC rated journals. *Strategic Management Journal*, *Academy of Management Journal*, *Academy of Management Review*, and *Harvard Business Review and Organization Science* are the most frequently cited journals in EMJ articles. However, *Sustainability Switzerland*, *Journal of Cleaner Production*, *Journal of Business Research*, *Industrial Marketing Management*, *Journal of Business Ethics*, *International Journal of Human Resource Management*, and *Management Decision* cite EMJ articles most frequently. Aalto University, Copenhagen Business School, The University of Manchester, Alliance Manchester Business School, and LUT University are the top most institutions citing

EMJ articles. Countries such as United Kingdom, United States, China, Australia, and Germany are the most EMJ citing countries.

During its 40 years of quality publication journey, the EMJ has contributed immensely in the advancement of the theory and its application in the field of strategy and management by publishing impactful research in all aspects of management. These include innovation management, leadership and change management, strategic management, knowledge management, sustainable development, supply chain management, marketing management, human resource management, and entrepreneurship. Innovation, open innovation, absorptive capacity, strategic innovation, disruptive innovation, innovation performance, and business model innovation are the areas majorly discussed in cluster-1. Leadership, strategic leadership, responsible leadership, change management, and strategic change are majorly explored topics in cluster-2. Corporate strategy, strategic alliance, strategy planning, and strategy implementation are the mostly discussed topics of cluster-3. Knowledge transfer, knowledge sharing, knowledge creation, value creation, and knowledge acquisition are the highly explored topics of cluster-4. Sustainability, sustainable development, corporate sustainability, and competitive advantage are the most discussed topics of cluster-5. Supply chain, procurement, outsourcing, supply networks, channel coordination, logistics, and reverse supply chain are the mostly explored topics of cluster-6. Marketing strategy, relationship marketing, customer relationship management, customer behavior, and customer satisfaction are the mostly discussed topics of cluster-7. Human resource management, international HRM, HR practices, and performance management are the most explored topics of cluster-8. Entrepreneurship, entrepreneurial orientation, entrepreneurial intentions, corporate entrepreneurship, women entrepreneurs, and international entrepreneurship are the mostly discussed topics of cluster-9.

A total of 390 articles were published during 2016 and 2020 time period, of which 335 articles were cited at least one time, and all these articles together have received 4308 citations. In addition, EMJ is progressing tremendously in terms of its 2-year and 5-year journal impact factors in recent times – both of which are trending upwards.

The latest developments, philosophy, and important themes as well as potential future directions of the journal have been discussed by current Editors ([Kastanakis, 2018](#); [Kastanakis et al., 2019](#); [Poulis & Kastanakis, 2020](#)) ([Robinson 2021](#)). Overall, “*EMJ has developed a coherent identity as one of the world's top management journals – being an innovative, method-agnostic, and forward-looking quality journal*” ([Kastanakis, 2021](#)) and is well positioned for a bright future.

## References

- Ahmad P, Asif JA, Alam MK, Slots J. (2020). A bibliometric analysis of Periodontology 2000. *Periodontol 2000*, 82:286-297. <https://doi.org/10.1111/prd.12328>
- Angwin, D. (2004). Speed in M&A integration: The first 100 days. *European Management Journal*, 22(4), 418-430. doi:10.1016/j.emj.2004.06.005
- Ardito, L., & Messeni Petruzzelli, A. (2017). Breadth of external knowledge sourcing and product innovation: The moderating role of strategic human resource practices. *European Management Journal*, 35(2), 261-272. doi:10.1016/j.emj.2017.01.005
- Baden, D. A., Harwood, I. A., & Woodward, D. G. (2009). The effect of buyer pressure on suppliers in SMEs to demonstrate CSR practices: An added incentive or counter productive? *European Management Journal*, 27(6), 429-441. doi:10.1016/j.emj.2008.10.004
- Baier-Fuentes, H., Merigó, J. M., Amorós, J. E., & Gaviria-Marín, M. (2019). International entrepreneurship: A bibliometric overview. *International Entrepreneurship and Management Journal*, 15(2), 385-429. doi:10.1007/s11365-017-0487-y
- Barnes, T., Pashby, I., & Gibbons, A. (2002). Effective university - industry interaction: A multi-case evaluation of collaborative R&D projects. *European Management Journal*, 20(3), 272-285. doi:10.1016/S0263-2373(02)00044-0
- Bontis, N., Dragonetti, N. C., Jacobsen, K., & Roos, G. (1999). The knowledge toolbox:: A review of the tools available to measure and manage intangible resources. *European Management Journal*, 17(4), 391-402. doi:10.1016/S0263-2373(99)00019-5
- Brach, S., Walsh, G., & Shaw, D. (2018). Sustainable consumption and third-party certification labels: Consumers' perceptions and reactions. *European Management Journal*, 36(2), 254-265. doi:10.1016/j.emj.2017.03.005
- Briggs, D. H., & MacLennan, U. A. (1983). The prediction of private company failure. *European Management Journal*, 2(1), 66-72. doi:10.1016/S0263-2373(83)80009-7
- Broadus, R.N. (1987). Toward a definition of "bibliometrics". *Scientometrics* 12, 373-379. <https://doi.org/10.1007/BF02016680>
- Brooklyn Derr, C. (1987). Managing high potentials in europe: Some cross-cultural findings. *European Management Journal*, 5(2), 72-80. doi:10.1016/S0263-2373(87)80054-3
- Buchanan, D. A. (1982). Using the new technology: Management objectives and organizational choices. *European Management Journal*, 1(2), 70-79. doi:10.1016/S0263-2373(82)80009-1
- Buckley, A., Tse, K., Rijken, H., & Eijgenhuijsen, H. (2002). Five styles of customer knowledge management, and how smart companies use them to create value. *European Management Journal*, 20(5), 459-469. doi:10.1016/S0263-2373(02)00101-9
- Collins, B., & Payne, A. (1991). Internal marketing: A new perspective for HRM. *European Management Journal*, 9(3), 261-270. doi:10.1016/0263-2373(91)90006-C
- Davila, A., Gupta, M., & Palmer, R. J. (2003). Moving procurement systems to the internet: The adoption and use of e-procurement technology models. *European Management Journal*, 21(1), 11-23. doi:10.1016/S0263-2373(02)00155-X

- De Vita, L., Mari, M., & Poggesi, S. (2014). Women entrepreneurs in and from developing countries: Evidences from the literature. *European Management Journal*, 32(3), 451-460. doi:10.1016/j.emj.2013.07.009
- Comerio, N., & Strozzi, F. (2019). Tourism and its economic impact: A literature review using bibliometric tools. *Tourism Economics*, 25(1), 109-131. doi:10.1177/1354816618793762.
- Donthu, N., Gremler, D. D., Kumar, S., & Pattnaik, D. (2020). Mapping of journal of service research themes: A 22-year review. *Journal of Service Research*, doi:10.1177/1094670520977672
- Donthu, N., Kumar, S., & Pandey, N. (2020). A retrospective evaluation of marketing intelligence and planning: 1983–2019. *Marketing Intelligence and Planning*, doi:10.1108/MIP-02-2020-0066
- Donthu, N., Kumar, S., & Pattnaik, D. (2020). Forty-five years of journal of business research: A bibliometric analysis. *Journal of Business Research*, 109, 1-14. doi:10.1016/j.jbusres.2019.10.039.
- Donthu, N., Kumar, S., Pandey, N., & Gupta, P. (2021). Forty years of the international journal of information management: A bibliometric analysis. *International Journal of Information Management*, 57 doi:10.1016/j.ijinfomgt.2020.102307
- Donthu, N., Kumar, S., Paul, J., Pattnaik, D., & Strong, C. (2020). A retrospective of the journal of strategic marketing from 1993 to 2019 using bibliometric analysis. *Journal of Strategic Marketing*, 1-21. doi:10.1080/0965254X.2020.1794937
- Donthu, N., Reinartz, W., Kumar, S., & Pattnaik, D. (2021). A retrospective review of the first 35 years of the international journal of research in marketing. *International Journal of Research in Marketing*, doi:10.1016/j.ijresmar.2020.10.006
- Eppler, M. J., & Sukowski, O. (2000). Managing team knowledge: Core processes, tools and enabling factors. *European Management Journal*, 18(3), 334-341. doi:10.1016/S0263-2373(00)00015-3
- Earl, M., & Khan, B. (1994). How new is business process redesign? *European Management Journal*, 12(1), 20-30. doi:10.1016/0263-2373(94)90043-4
- Edvinsson, L., & Sullivan, P. (1996). Developing a model for managing intellectual capital. *European Management Journal*, 14(4), 356-364. doi:10.1016/0263-2373(96)00022-9
- England, G. W. (1986). National work meanings and patterns - constraints on management action. *European Management Journal*, 4(3), 176-184. doi:10.1016/S0263-2373(86)80030-5
- Feijoo JF, Limeres J, Fernández V, Varela M, Ramos I, Diz P. (2014). The 100 most cited articles in dentistry. *Clin Oral Investig*. 18(3): 699–706.
- Ferreira, J. J. M., Fernandes, C. I., & Kraus, S. (2019). Entrepreneurship research: Mapping intellectual structures and research trends. *Review of Managerial Science*, 13(1), 181-205. doi:10.1007/s11846-017-0242-3.

- Flatten, T. C., Engelen, A., Zahra, S. A., & Brettel, M. (2011). A measure of absorptive capacity: Scale development and validation. *European Management Journal*, 29(2), 98-116. doi:10.1016/j.emj.2010.11.002
- Forsgren, M. (1990). Managing the international multi-centre firm: Case studies from Sweden. *European Management Journal*, 8(2), 261-267. doi:10.1016/0263-2373(90)90098-Q
- Gebauer, H., Fleisch, E., & Friedli, T. (2005). Overcoming the service paradox in manufacturing companies. *European Management Journal*, 23(1), 14-26. doi:10.1016/j.emj.2004.12.006
- Gebauer, H., Worch, H., & Truffer, B. (2012). Absorptive capacity, learning processes and combinative capabilities as determinants of strategic innovation. *European Management Journal*, 30(1), 57-73. doi:10.1016/j.emj.2011.10.004
- Gentile, C., Spiller, N., & Noci, G. (2007). How to sustain the customer experience: An overview of experience components that co-create value with the customer. *European Management Journal*, 25(5), 395-410. doi:10.1016/j.emj.2007.08.005
- Gilal, F. G., Zhang, J., Paul, J., & Gilal, N. G. (2019). The role of self-determination theory in marketing science: An integrative review and agenda for research. *European Management Journal*, 37(1), 29-44. doi:10.1016/j.emj.2018.10.004
- Goh, S., & Richards, G. (1997). Benchmarking the learning capability of organizations. *European Management Journal*, 15(5), 575-583. doi:10.1016/S0263-2373(97)00036-4
- Haenlein, M., Kaplan, A. M., & Beeser, A. J. (2007). A model to determine customer lifetime value in a retail banking context. *European Management Journal*, 25(3), 221-234. doi:10.1016/j.emj.2007.01.004
- Hallinger, P., & Kovačević, J. (2019). A bibliometric review of research on educational administration: Science mapping the literature, 1960 to 2018. *Review of Educational Research*, 89(3), 335-369. doi:10.3102/0034654319830380.
- Hiltrop, J. (1995). The changing psychological contract: The human resource challenge of the 1990s. *European Management Journal*, 13(3), 286-294. doi:10.1016/0263-2373(95)00019-H
- Hiltrop, J. (1999). The quest for the best: Human resource practices to attract and retain talent. *European Management Journal*, 17(4), 422-430. doi:10.1016/S0263-2373(99)00022-5
- Hofstede, G. (1989). Organising for cultural diversity. *European Management Journal*, 7(4), 390-397. doi:10.1016/0263-2373(89)90075-3
- Holweg, M., Disney, S., Holmström, J., & Småros, J. (2005). Supply chain collaboration: Making sense of the strategy continuum. *European Management Journal*, 23(2), 170-181. doi:10.1016/j.emj.2005.02.008
- Inkpen, A. (1998). Learning, knowledge acquisition, and strategic alliances. *European Management Journal*, 16(2), 223-229. doi:10.1016/S0263-2373(97)00090-X
- Jalipa, F. G. U., Sy, M. C. C., Espiritu, A. I., & Jamora, R. D. G. (2021). Bibliometric analysis of bacterial central nervous system infection research in Southeast Asia. *BMC Neurology*, 21(1) doi:10.1186/s12883-021-02042-w



- Kastanakis, M. N. (2018). Letter from the incoming editor-in-chief. *European Management Journal*, 36(2), 151–152.
- Kastanakis, M. N., Robinson, S., Tsalavoutas, Y., Fernando, M., Jonczyk, C., Stettner, U., and Erz, A. (2019). Making a difference Thoughts on management scholarship from, the editorial team. *European Management Journal*, 37(3), 245–250.
- Kastanakis, M. N. (2021). Letter from the outgoing Editor-in-Chief. *European Management Journal*, in press.
- Kaynak, E., & Kothari, V. (1984). Export behaviour of small manufacturers: A comparative study of american and canadian firms. *European Management Journal*, 2(2), 41-47. doi:10.1016/S0263-2373(84)80005-5
- Kayworth, T., & Leidner, D. (2000). The global virtual manager: A prescription for success. *European Management Journal*, 18(2), 183-194. doi:10.1016/S0263-2373(99)00090-0
- Kindström, D. (2010). Towards a service-based business model - key aspects for future competitive advantage. *European Management Journal*, 28(6), 479-490. doi:10.1016/j.emj.2010.07.002
- Kiss, A. N., & Danis, W. M. (2008). Country institutional context, social networks, and new venture internationalization speed. *European Management Journal*, 26(6), 388-399. doi:10.1016/j.emj.2008.09.001
- Kolk, A., & Pinkse, J. (2004). Market strategies for climate change. *European Management Journal*, 22(3), 304-314. doi:10.1016/j.emj.2004.04.011
- Kolk, A., van Tulder, R., & Kostwinder, E. (2008). Business and partnerships for development. *European Management Journal*, 26(4), 262-273. doi:10.1016/j.emj.2008.01.007
- Kolk, A., & Levy, D. (2001). Winds of change: Corporate strategy, climate change and oil multinationals. *European Management Journal*, 19(5), 501-509. doi:10.1016/S0263-2373(01)00064-0
- Kozinets, R. V. (1999). E-tribalized marketing?: The strategic implications of virtual communities of consumption. *European Management Journal*, 17(3), 252-264. doi:10.1016/S0263-2373(99)00004-3
- Kumar, N., Scheer, L., & Kotler, P. (2000). From market driven to market driving. *European Management Journal*, 18(2), 129-142. doi:10.1016/S0263-2373(99)00084-5
- Lambert, S. C., & Davidson, R. A. (2013). Applications of the business model in studies of enterprise success, innovation and classification: An analysis of empirical research from 1996 to 2010. *European Management Journal*, 31(6), 668-681. doi:10.1016/j.emj.2012.07.007
- Leeflang, P. S. H., Verhoef, P. C., Dahlström, P., & Freundt, T. (2014). Challenges and solutions for marketing in a digital era. *European Management Journal*, 32(1), 1-12. doi:10.1016/j.emj.2013.12.001
- López-Robles, J. R., Otegi-Olaso, J. R., Porto Gómez, I., & Cobo, M. J. (2019). 30 years of intelligence models in management and business: A bibliometric review. *International Journal of Information Management*, 48, 22-38. doi:10.1016/j.ijinfomgt.2019.01.013

- Maes, J., Leroy, H., & Sels, L. (2014). Gender differences in entrepreneurial intentions: A TPB multi-group analysis at factor and indicator level. *European Management Journal*, 32(5), 784-794. doi:10.1016/j.emj.2014.01.001
- Martínez-López, F. J., Merigó, J. M., Valenzuela-Fernández, L., & Nicolás, C. (2018). Fifty years of the European journal of marketing: A bibliometric analysis. *European Journal of Marketing*, 52(1-2), 439-468. doi:10.1108/EJM-11-2017-0853
- Merigó, J. M., Cobo, M. J., Laengle, S., Rivas, D., & Herrera-Viedma, E. (2019). Twenty years of soft computing: A bibliometric overview. *Soft Computing*, 23(5), 1477-1497. doi:10.1007/s00500-018-3168-z
- Merigó, J. M., Miranda, J., Modak, N. M., Boustras, G., & de la Sotta, C. (2019). Forty years of safety science: A bibliometric overview. *Safety Science*, 115, 66-88. doi:10.1016/j.ssci.2019.01.029
- Michailova, S., & Worm, V. (2003). Personal networking in russia and china: Blat and guanxi. *European Management Journal*, 21(4), 509-519. doi:10.1016/S0263-2373(03)00077-X
- Mills, D. Q., & Friesen, B. (1992). The learning organization. *European Management Journal*, 10(2), 146-156. doi:10.1016/0263-2373(92)90062-9
- Morrow, D., & Rondinelli, D. (2002). Adopting corporate environmental management systems: Motivations and results of ISO 14001 and EMAS certification. *European Management Journal*, 20(2), 159-171. doi:10.1016/S0263-2373(02)00026-9
- Müller, J. M., Buliga, O., & Voigt, K. -. (2020). The role of absorptive capacity and innovation strategy in the design of industry 4.0 business models-A comparison between SMEs and large enterprises. *European Management Journal*, doi:10.1016/j.emj.2020.01.002
- Nicolas, C., Valenzuela-Fernandez, L., & Merigó, J. M. (2019). Mapping retailing research with bibliometric indicators. *Journal of Promotion Management*, doi:10.1080/10496491.2019.1585579
- Nohria, N., & Gulati, R. (1997). What is the optimum amount of organizational slack? A study of the relationship between slack and innovation in multinational firms. *European Management Journal*, 15(6), 603-611. doi:10.1016/S0263-2373(97)00044-3
- Ordanini, A., & Pasini, P. (2008). Service co-production and value co-creation: The case for a service-oriented architecture (SOA). *European Management Journal*, 26(5), 289-297. doi:10.1016/j.emj.2008.04.005
- Paton, R. A., & McLaughlin, S. (2008). Services innovation: knowledge transfer and the supply chain. *European Management Journal*, 26(2), 77-83. doi:10.1016/j.emj.2008.01.004
- Palanski, M. E., & Yammarino, F. J. (2007). Integrity and leadership: clearing the conceptual confusion. *European Management Journal*, 25(3), 171-184. doi:10.1016/j.emj.2007.04.006
- Paul, J. (2019). Masstige model and measure for brand management. *European Management Journal*, 37(3), 299-312. doi:10.1016/j.emj.2018.07.003

- Paul, J. (2020). SCOPE framework for SMEs: A new theoretical lens for success and internationalization. *European Management Journal*, 38(2), 219-230. doi:10.1016/j.emj.2020.02.001
- Peng, X., & Dai, J. (2020). A bibliometric analysis of neutrosophic set: Two decades review from 1998 to 2017. *Artificial Intelligence Review*, 53(1), 199-255. doi:10.1007/s10462-018-9652-0.
- Peppard, J., & Rylander, A. (2006). From value chain to value network: insights for mobile operators. *European Management Journal*, 24(2-3), 128-141. doi:10.1016/j.emj.2006.03.003
- Peppard, J., (2000). Customer Relationship Management (CRM) in financial services. *European Management Journal*, 18(3), 312-327. [https://doi.org/10.1016/S0263-2373\(00\)00013-X](https://doi.org/10.1016/S0263-2373(00)00013-X).
- Poulis, K., & Kastanakis, M. (2020). On theorizing and methodological fetishism. *European Management Journal*, 38(5), 676-683. doi:10.1016/j.emj.2020.06.006
- Pritchard, A. (1969). Statistical Bibliography or Bibliometrics. *Journal of Documentation*, 25, 348-349.
- Quélin, B., & Duhamel, F. (2003). Bringing together strategic outsourcing and corporate strategy: Outsourcing motives and risks. *European Management Journal*, 21(5), 647-661. doi:10.1016/S0263-2373(03)00113-0
- Richter, N. F., Cepeda, G., Roldán, J. L., & Ringle, C. M. (2016). European management research using partial least squares structural equation modeling (PLS-SEM). *European Management Journal*, 34(6), 589-597. doi:10.1016/j.emj.2016.08.001
- Rigdon, E. E. (2016). Choosing PLS path modeling as analytical method in european management research: A realist perspective. *European Management Journal*, 34(6), 598-605. doi:10.1016/j.emj.2016.05.006
- Robinson, S. (2021) Incoming Editor Editorial. *European Management Journal*, in press.
- Roetzel, P. G. (2019). Information overload in the information age: A review of the literature from business administration, business psychology, and related disciplines with a bibliometric approach and framework development. *Business Research*, 12(2), 479-522. doi:10.1007/s40685-018-0069-z
- Rondinelli, D., & Vastag, G. (2000). Panacea, common sense, or just a label? the value of ISO 14001 environmental management systems. *European Management Journal*, 18(5), 499-510. doi:10.1016/S0263-2373(00)00039-6
- Ryals, L., & Knox, S. (2001). Cross-functional issues in the implementation of relationship marketing through customer relationship management. *European Management Journal*, 19(5), 534-542. doi:10.1016/S0263-2373(01)00067-6
- Saebi, T., & Foss, N. J. (2015). Business models for open innovation: Matching heterogeneous open innovation strategies with business model dimensions. *European Management Journal*, 33(3), 201-213. doi:10.1016/j.emj.2014.11.002

- Salzmann, O., Ionescu-Somers, A. M., & Steger, U. (2005). The business case for corporate sustainability: Literature review and research options. *European Management Journal*, 23(1), 27-36. doi:10.1016/j.emj.2004.12.007
- Schuler, R., & Jackson, S. (2001). HR issues and activities in mergers and acquisitions. *European Management Journal*, 19(3), 239-253. doi:10.1016/S0263-2373(01)00021-4
- Shirokova, G., Osiyevskyy, O., & Bogatyreva, K. (2016). Exploring the intention–behavior link in student entrepreneurship: Moderating effects of individual and environmental characteristics. *European Management Journal*, 34(4), 386-399. doi:10.1016/j.emj.2015.12.007
- Singh, V., Terjesen, S., & Vinnicombe, S. (2008). Newly appointed directors in the boardroom: how do women and men differ? *European Management Journal*, 26(1), 48-58. doi:10.1016/j.emj.2007.10.002
- Streukens, S., & Leroi-Werelds, S. (2016). Bootstrapping and PLS-SEM: A step-by-step guide to get more out of your bootstrap results. *European Management Journal*, 34(6), 618-632. doi:10.1016/j.emj.2016.06.003
- Székely, F., & Knirsch, M. (2005). Responsible leadership and corporate social responsibility: Metrics for sustainable performance. *European Management Journal*, 23(6), 628-647. doi:10.1016/j.emj.2005.10.009
- Täuscher, K., & Laudien, S. M. (2018). Understanding platform business models: A mixed methods study of marketplaces. *European Management Journal*, 36(3), 319-329. doi:10.1016/j.emj.2017.06.005
- Thornberry, N. (2001). Corporate entrepreneurship: Antidote or oxymoron. *European Management Journal*, 19(5), 526-533. doi:10.1016/S0263-2373(01)00066-4
- Tsay, M. (2009). Citation analysis of ted nelson's works and his influence on hypertext concept. *Scientometrics*, 79(3), 451-472. doi:10.1007/s11192-008-1641-7
- Turker, D., & Altuntas, C. (2014). Sustainable supply chain management in the fast fashion industry: An analysis of corporate reports. *European Management Journal*, 32(5), 837-849. doi:10.1016/j.emj.2014.02.001
- Turner, J. R., & Keegan, A. (2001). Mechanisms of governance in the project-based organization: Roles of the broker and steward. *European Management Journal*, 19(3), 254-267. doi:10.1016/S0263-2373(01)00022-6
- Van Ackere, A., Larsen, E. R., & Morecroft, J. D. W. (1993). Systems thinking and business process redesign: An application to the beer game. *European Management Journal*, 11(4), 412-423. doi:10.1016/0263-2373(93)90005-3
- Vandermerwe, S., & Rada, J. (1988). Servitization of business: Adding value by adding services. *European Management Journal*, 6(4), 314-324. doi:10.1016/0263-2373(88)90033-3
- Van der Voet, J. (2014). The effectiveness and specificity of change management in a public organization: Transformational leadership and a bureaucratic organizational structure. *European Management Journal*, 32(3), 373-382. doi:10.1016/j.emj.2013.10.001

- Vargo, S. L., Maglio, P. P., & Akaka, M. A. (2008). On value and value co-creation: A service systems and service logic perspective. *European Management Journal*, 26(3), 145-152. doi:10.1016/j.emj.2008.04.003
- Venkatraman, N., Henderson, J. C., & Oldach, S. (1993). Continuous strategic alignment: Exploiting information technology capabilities for competitive success. *European Management Journal*, 11(2), 139-149. doi:10.1016/0263-2373(93)90037-I
- Wagner, M., & Schaltegger, S. (2004). The effect of corporate environmental strategy choice and environmental performance on competitiveness and economic performance: An empirical study of EU manufacturing. *European Management Journal*, 22(5), 557-572. doi:10.1016/j.emj.2004.09.013
- Walczuch, R., Van Braven, G., & Lundgren, H. (2000). Internet adoption barriers for small firms in the netherlands. *European Management Journal*, 18(5), 561-572. doi:10.1016/S0263-2373(00)00045-1
- Weber, M. (2008). The business case for corporate social responsibility: A company-level measurement approach for CSR. *European Management Journal*, 26(4), 247-261. doi:10.1016/j.emj.2008.01.006
- Willcocks, L., & Choi, C. J. (1995). Co-operative partnership and 'total' IT outsourcing: From contractual obligation to strategic alliance? *European Management Journal*, 13(1), 67-78. doi:10.1016/0263-2373(94)00059-G
- Wright, M. (1985). Divestment and organizational adaptation. *European Management Journal*, 3(2), 85-93. doi:10.1016/S0263-2373(85)80017-7
- Zott, C., Amit, R., & Donlevy, J. (2000). Strategies for value creation in E-commerce: Best practice in europe. *European Management Journal*, 18(5), 463-475. doi:10.1016/S0263-2373(00)00036-0