Vishal Bhatnagar

List of Publications by Year
in descending order

67 papers	557 citations	759233 12 h-index	752698 20 g-index
67 all docs	67 docs citations	67 times ranked	376 citing authors

#	Article	IF	Citations
1	Role of knowledge management and analytical CRM in business: data mining based framework. Learning Organization, 2011, 18, 131-148.	1.4	52
2	Swarm Intelligence and Its Applications. Scientific World Journal, The, 2013, 2013, 1-3.	2.1	47
3	Artificial Intelligence and Its Applications. Mathematical Problems in Engineering, 2014, 2014, 1-10.	1.1	43
4	Concoction of Ambient Intelligence and Big Data for Better Patient Ministration Services. International Journal of Ambient Computing and Intelligence, 2017, 8, 19-30.	1.1	30
5	A holistic framework for mCRM â€“ data mining perspective. Information Management and Computer Security, 2009, 17, 151-165.	1.2	25
6	Crime Data Analysis Using Pig with Hadoop. Procedia Computer Science, 2016, 78, 571-578.	2.0	21
7	A Blockchain Framework to Secure Personal Health Record (PHR) in IBM Cloud-Based Data Lake. Computational Intelligence and Neuroscience, 2022, 2022, 1-19.	1.7	21
8	Anonymisation in social network: a literature survey and classification. International Journal of Social Network Mining, 2012, 1, 51.	0.2	17
9	Swarm Intelligence and Its Applications 2014. Scientific World Journal, The, 2014, 2014, 1-4.	2.1	16
10	Analogy of various DNA based security algorithms using cryptography and steganography. , 2014, , .		16
11	Critical Success Factors for Implementing CRM Using Data Mining. Interscience Management Review, 2008, , 50-55.	0.0	16
12	A novel DNA sequence dictionary method for securing data in DNA using spiral approach and framework of DNA cryptography. , 2014, , .		15
13	Principles for successful aCRM in organizations. Journal of Research in Interactive Marketing, 2008, 2, 239-247.	0.3	14
14	Movie Analytics for Effective Recommendation System using Pig with Hadoop. International Journal of Rough Sets and Data Analysis, 2016, 3, 82-100.	1.0	14
15	Analysis of Grievances in the Banking Sector through Big Data. International Journal of Service Science, Management, Engineering, and Technology, 2016, 7, 21-36.	1.1	13
16	A framework for analytical CRM: a data mining perspective. International Journal of Business Excellence, 2010, 3, 1.	0.3	12
17	Data mining tools: a CRM perspective. International Journal of Electronic Customer Relationship Management, 2008, 2, 315.	0.2	11
18	Analytical customer relationship management in insurance industry using data mining: a case study of Indian insurance company. International Journal of Networking and Virtual Organisations, 2011, 9, 331.	0.2	11

#	Article	IF	Citations
19	Fuzzy data mining: a literature survey and classification framework. International Journal of Networking and Virtual Organisations, 2012, 11, 382.	0.2	11
20	Olympics Big Data Prognostications. International Journal of Rough Sets and Data Analysis, 2016, 3, 32-45.	1.0	11
21	Multi-Label Naïve Bayes Classifier for Identification of Top Destination and Issues to Accost by Tourism Sector. Journal of Global Information Management, 2018, 26, 37-53.	2.8	11
22	Application of data mining techniques in the financial sector for profitable customer relationship management. International Journal of Information and Communication Technology, 2010, 2, 342.	0.1	10
23	Data mining-based big data analytics: parameters and layered framework. International Journal of Computational Systems Engineering, 2013, 1, 265.	0.2	10
24	Principles for successful mobile CRM in organisations from data mining perspective. International Journal of Electronic Customer Relationship Management, 2010, 4, 280.	0.2	7
25	Evolutionary and incremental clustering techniques for analysis of dynamic networks: a comparative study. International Journal of Computational Systems Engineering, 2012, 1, 139.	0.2	7
26	Optimization of Intrusion Detection Systems Determined by Ameliorated HNADAM-SGD Algorithm. Electronics (Switzerland), 2022, 11, 507.	3.1	7
27	Artificial Intelligence and Its Applications 2014. Mathematical Problems in Engineering, 2016, 2016, 1-6.	1.1	6
28	A Novel Aspect Based Framework for Tourism Sector with Improvised Aspect and Opinion Mining Algorithm. International Journal of Rough Sets and Data Analysis, 2018, 5, 119-130.	1.0	6
29	Bit based symmetric encryption method using DNA Sequence. , 2014, , .		5
30	Classification of Polarity of Opinions Using Unsupervised Approach in Tourism Domain. International Journal of Rough Sets and Data Analysis, 2016, 3, 68-78.	1.0	5
31	Efficient Materialized View Selection for Multi-Dimensional Data Cube Models. International Journal of Information Retrieval Research, 2016, 6, 52-74.	0.7	5
32	Effective data warehouse for information delivery: a literature survey and classification. International Journal of Networking and Virtual Organisations, 2013, 12, 217.	0.2	4
33	Need of Intelligent Search in Dynamic Social Network. Information Resources Management Journal, 2015, 28, 46-61.	1.1	4
34	A Proposed framework for improved identification of implicit aspects in tourism domain using supervised learning technique. , 2016, , .		4
35	A Framework for Effective Data Analytics for Tourism Sector. International Journal of Grid and High Performance Computing, 2017, 9, 92-104.	0.9	4
36	Critical success factor for implementing data mining in higher education: Indian perspective. International Journal of Computational Systems Engineering, 2013, 1, 151.	0.2	3

#	Article	IF	Citations
37	Technological applications of data mining and virtual reality: a literature survey and classification. International Journal of Intercultural Information Management, 2013, 3, 158.	0.0	3
38	Hybrid approach for secure communication of data using chemical DNA. , 2014, , .		3
39	Enhancing consistency of conceptual data warehouse design. International Journal of Computational Systems Engineering, 2015, 2, 11.	0.2	3
40	SENSEX Price Fluctuation Forecasting Comparison Between Global Indices and Companies Making It. Journal of Global Information Management, 2018, 26, 90-104.	2.8	3
41	Scrutinize the Idea of Hadoop-Based Data Lake for Big Data Storage. Algorithms for Intelligent Systems, 2020, , 365-391.	0.6	3
42	Aligning value drivers with business operations by data mining for strategic advantage in business organisations. International Journal of Value Chain Management, 2009, 3, 316.	0.2	2
43	Time to implement data mining in insurance firms for effective CRM and CRM analytics. International Journal of Networking and Virtual Organisations, 2011, 9, 1.	0.2	2
44	Real-time analysis on finding significance of data mining on CRM of service sector organisations: an Indian perspective. International Journal of Electronic Customer Relationship Management, 2011, 5, 171.	0.2	2
45	Critical parameters for privacy preservation through anonymisation in social networks. International Journal of Networking and Virtual Organisations, 2012, 11, 156.	0.2	2
46	An information security-based literature survey and classification framework of data storage in DNA. International Journal of Networking and Virtual Organisations, 2013, 13, 176.	0.2	2
47	Emerging Trends in Soft Computing Models in Bioinformatics and Biomedicine. Scientific World Journal, The, 2014, 2014, 1-3.	2.1	2
48	Dynamic anonymisation techniques analogy for multiple releases of data. International Journal of Data Mining, Modelling and Management, 2014, 6, 239.	0.1	2
49	A Novel Ammonic Conversion Algorithm for Securing Data in DNA using Parabolic Encryption. Information Resources Management Journal, 2015, 28, 20-31.	1.1	2
50	Application of TRIZ framework for resolving security issues in IOT. , 2016, , .		2
51	Video popularity prediction based on fuzzy inference system. Journal of Statistics and Management Systems, 2020, 23, 1173-1185.	0.6	2
52	A Conceptual Framework for Social Network Data Security. Advances in Data Mining and Database Management Book Series, 2013, , 58-86.	0.5	2
53	Information security-enabled business process architecture for mobile CRM: the role of technology, planning, training and process. International Journal of Networking and Virtual Organisations, 2010, 7, 452.	0.2	1
54	An analogy between static and dynamic social network based on critical parameters. International Journal of Social Network Mining, 2013, 1, 334.	0.2	1

#	Article	IF	Citations
55	An experiment towards metrics validation for data warehouse conceptual models. , 2014, , .		1
56	Analyzing Cilck Stream Data Using Hadoop. , 2016, , .		1
57	A Literature Survey and Classification Framework of TRIZ Methodology. , 2016, , .		1
58	Sifting Through Hashtags on Twitter for Enterprising Tourism and Hospitality Using Big Data Environment. , 2018, , 47-66.		1
59	Distinguishing operational customer relationship management and analytic customer relationship management – an organisational perspective. International Journal of Logistics Economics and Globalisation, 2008, 1, 225.	0.5	0
60	Techniques, process and enterprise application for e-CRM using data mining. International Journal of Value Chain Management, 2009, 3, 401.	0.2	0
61	A conceptual framework for privacy preservation of released social network data considering relational dynamic anonymisation. International Journal of Intercultural Information Management, 2013, 3, 138.	0.0	0
62	Hadoop Map Only Job for Enciphering Patient-Generated Health Data. International Journal of Information Retrieval Research, 2017, 7, 72-86.	0.7	0
63	Critical Parameters for Fuzzy Data Mining. Advances in Data Mining and Database Management Book Series, 2013, , 230-247.	0.5	0
64	Issues and Challenges of Heterogeneous Datasets in MapReduce Framework of Big Data Environment. Advances in Intelligent Systems and Computing, 2016, , 751-759.	0.6	0
65	A Framework for Effective Data Analytics for Tourism Sector. , 2022, , 483-496.		0
66	Concoction of Ambient Intelligence and Big Data for Better Patient Ministration Services. , 2020, , 171-183.		0
67	Critical Parameters for Fuzzy Data Mining. , 0, , 1-18.		0