

# Deepak Garg

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

818  
citations

758635

12  
h-index

610482

24  
g-index

91  
all docs

91  
docs citations

91  
times ranked

608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drone-surveillance for search and rescue in natural disaster. Computer Communications, 2020, 156, 1-10.	3.1	179
2	Sparse low rank factorization for deep neural network compression. Neurocomputing, 2020, 398, 185-196.	3.5	75
3	Efficient Landsat image fusion using fuzzy and stationary discrete wavelet transform. Imaging Science Journal, 2017, 65, 108-114.	0.2	39
4	A Convolution Neural Network based approach to detect the disease in Corn Crop. , 2019, , .		37
5	Choosing Best Hashing Strategies and Hash Functions. , 2009, , .		28
6	A Publish/Subscribe Communication Infrastructure for VANET Applications. , 2011, , .		27
7	ON STRING LANGUAGES GENERATED BY SPIKING NEURAL P SYSTEMS WITH ANTI-SPIKES. International Journal of Foundations of Computer Science, 2011, 22, 15-27.	0.8	27
8	Applying data mining techniques in job recommender system for considering candidate job preferences. , 2014, , .		24
9	Deep Reinforcement Learning Techniques in Diversified Domains: A Survey. Archives of Computational Methods in Engineering, 2021, 28, 4715-4754.	6.0	22
10	Progress in Gene Prediction: Principles and Challenges. Current Bioinformatics, 2013, 8, 226-243.	0.7	22
11	Dynamizing Dijkstra: A solution to dynamic shortest path problem through retroactive priority queue. Journal of King Saud University - Computer and Information Sciences, 2021, 33, 364-373.	2.7	19
12	A Novel Algorithm for Capacitated Vehicle Routing Problem for Smart Cities. Symmetry, 2021, 13, 1923.	1.1	19
13	Hybrid Approach Using SVM and MM2 in Splice Site Junction Identification. Current Bioinformatics, 2014, 9, 76-85.	0.7	18
14	Incremental mining of sequential patterns: Progress and challenges. Intelligent Data Analysis, 2013, 17, 507-530.	0.4	15
15	An Explainable Intelligence Driven Query Prioritization Using Balanced Decision Tree Approach for Multi-Level Psychological Disorders Assessment. Frontiers in Public Health, 2021, 9, 795007.	1.3	15
16	Improvement over Public Key Cryptographic Algorithm. , 2009, , .		13
17	COMPUTABILITY OF SPIKING NEURAL P SYSTEMS WITH ANTI-SPIKES. New Mathematics and Natural Computation, 2012, 08, 283-295.	0.4	12
18	Improvement in RSA Cryptosystem. Journal of Advances in Information Technology, 2011, 2, .	2.6	12

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19	Profit or Loss: A Long Short Term Memory based model for the Prediction of share price of DLF group in India. , 2019, , .		11
20	Corridor segmentation for automatic robot navigation in indoor environment using edge devices. Computer Networks, 2020, 178, 107374.	3.2	11
21	QoS-aware Mesh-based Multicast Routing Protocols in Edge Ad Hoc Networks: Concepts and Challenges. ACM Transactions on Internet Technology, 2022, 22, 1-27.	3.0	10
22	Machine Learning for Detecting Security Attacks on Blockchain using Software Defined Networking. , 2022, , .		10
23	Modelling and analysis of spiking neural P systems with anti-spikes using Pnet lab. Nano Communication Networks, 2011, 2, 141-149.	1.6	9
24	Analysis of Students' Ratings of Teaching Quality to Understand the Role of Gender and Socio-Economic Diversity in Higher Education. IEEE Transactions on Education, 2018, 61, 319-327.	2.0	9
25	Background Invariant Faster Motion Modeling for Drone Action Recognition. Drones, 2021, 5, 87.	2.7	9
26	Recop: fine-grained opinions and sentiments-based recommender system for industry 5.0. Soft Computing, 2023, 27, 4051-4060.	2.1	8
27	Implementation and Performance Analysis of Exponential Tree Sorting. International Journal of Computer Applications, 2011, 24, 34-38.	0.2	7
28	A Novel Compressed and Accelerated Convolution Neural Network for COVID-19 Disease Classification: A Genetic Algorithm Based Approach. Communications in Computer and Information Science, 2022, , 99-111.	0.4	7
29	A hybrid approach for search and rescue using 3DCNN and PSO. Neural Computing and Applications, 2021, 33, 10813-10827.	3.2	6
30	Comparative Analysis of Various Approaches Used in Frequent Pattern Mining. International Journal of Advanced Computer Science and Applications, 2011, 1, .	0.5	6
31	Enhanced Network Intrusion Detection System. Sensors, 2021, 21, 7835.	2.1	6
32	Publish/subscribe based information dissemination over VANET utilizing DHT. Frontiers of Computer Science, 2012, 6, 713.	1.6	5
33	Moldable load scheduling using demand adjustable policies. , 2014, , .		5
34	Variable bid fee: An online auction skill bidding prevention methodology. , 2015, , .		5
35	Hidden Markov Model for Splicing Junction Sites Identification in DNA Sequences. Current Bioinformatics, 2013, 8, 369-379.	0.7	5
36	Vulnerability Management for an Enterprise Resource Planning System. International Journal of Computer Applications, 2012, 53, 19-22.	0.2	5

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37	Comparison of Advance Tree Data Structures. International Journal of Computer Applications, 2012, 41, 11-21.	0.2	5
38	An ensembling model for early identification of atâ€risk students in higher education. Computer Applications in Engineering Education, 0, , .	2.2	5
39	A Partcle Swarm Optimization Based Approach forÂFilter Pruning inÂConvolution Neural Network forÂTomato Leaf Disease Classification. Communications in Computer and Information Science, 2022, , 646-659.	0.4	5
40	Heuristic Approaches for K-Center Problem. , 2009, , .		4
41	Information Retrieval on the Web and its Evaluation. International Journal of Computer Applications, 2012, 40, 26-31.	0.2	4
42	Gene Finding Using Hidden Markov Model. Journal of Applied Sciences, 2012, 12, 1518-1525.	0.1	4
43	SecureDorm: Sensor-Based Girls Hostel Surveillance System. Smart Innovation, Systems and Technologies, 2020, , 327-337.	0.5	4
44	Modeling spiking neural P systems using timed Petri nets. , 2009, , .		3
45	Structured P2P Overlay of Mobile Brokers for Realizing Publish/Subscribe Communication in VANET. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	3
46	Intelligent text classification system based on self-administered ontology. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 1393-1404.	0.9	3
47	Improved Edmond Karp's Algorithm for Network Flow Problem. International Journal of Computer Applications, 2012, 37, 48-53.	0.2	3
48	Clustering Approach to detect Profile Injection Attacks in Recommender System. International Journal of Computer Applications, 2017, 166, 7-11.	0.2	3
49	Hyperspectral image classification using multiobjective optimization. Multimedia Tools and Applications, 2022, 81, 25345-25362.	2.6	3
50	Ontology Based Information Retrieval for Learning Styles of Autistic People. Communications in Computer and Information Science, 2011, , 293-298.	0.4	2
51	Progressive CFM-Miner: An Algorithm to Mine CFM â€ Sequential Patterns from a Progressive Database. International Journal of Computational Intelligence Systems, 2013, 6, 209.	1.6	2
52	Maximal pattern matching with flexible wildcard gaps and one-off constraint. , 2014, , .		2
53	Multistage learning model for better learning: A cognitive science perspective. , 2014, , .		2
54	Ensemble approach to detect profile injection attack in recommender system. , 2015, , .		2

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55	Rapidly converging solution for p-centers in nonconvex regions. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 2424-2433.	0.9	2
56	A Retroactive Approach for Dynamic Shortest Path Problem. The National Academy of Sciences, India, 2019, 42, 25-32.	0.8	2
57	INTERVENOR: Intelligent Border Surveillance using Sensors and Drones. , 2021, , .		2
58	A Taxonomy of Classical Frequent Item set Mining Algorithms. International Journal of Computer and Electrical Engineering, 0, , 695-699.	0.2	2
59	CRM Customer Value based on Constrained Sequential Pattern Mining. International Journal of Computer Applications, 2013, 64, 21-29.	0.2	2
60	Survey on Query Estimation in Data Streams. , 2009, , .		1
61	Progressive alignment using Shortest Common Supersequence. , 2014, , .		1
62	Parallelizing generalized one-dimensional bin packing problem using MapReduce. , 2014, , .		1
63	Perfect Hashing Base R-tree for multiple queries. , 2014, , .		1
64	Finding nearest facility for multiple customers using voronoi diagram. , 2014, , .		1
65	Performance and accuracy analysis of semantic kernel functions. Data Technologies and Applications, 2016, 50, 83-102.	0.8	1
66	Approximation Algorithm for Resource Allocation Problems with Time Dependent Penalties. International Journal of Foundations of Computer Science, 2017, 28, 931-943.	0.8	1
67	Randomized Algorithms: Methods and Techniques. International Journal of Computer Applications, 2011, 28, 29-32.	0.2	1
68	An Automated Parking Guidance System for Megacities. International Journal of Information Technology and Computer Science, 2018, 10, 52-58.	0.8	1
69	QC_SANE: Robust Control in DRL Using Quantile Critic With Spiking Actor and Normalized Ensemble. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6656-6662.	7.2	1
70	Precise Control for Deep Driving using Dual Critic based DRL Approaches. , 2021, , .		1
71	An efficient algorithm after ungapped analysis in BLAST. DNA Sequence, 2006, 17, 247-253.	0.7	0
72	A NEW MIDDLE PATH APPROACH FOR ALIGNMENTS IN BLAST. Journal of Biological Systems, 2006, 14, 567-581.	0.5	0

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73	Learning through ERP in technical educational institutions. , 2012, , .		0
74	Enterprise Resource Planning in technical educational institutions: Benefits and cost. , 2013, , .		0
75	Evaluating quality score of new ads. , 2014, , .		0
76	Bootstrap sequential projection multi kernel Locality Sensitive Hashing. , 2014, , .		0
77	Finding nearest facility location with open box query using Geohashing and MapReduce. , 2014, , .		0
78	Extended suffix array construction using Lyndon factors. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1.	0.8	0
79	Algorithms for Content Distribution in Networks. International Journal of Advanced Computer Science and Applications, 2011, 2, .	0.5	0
80	Computational Geometry for Continuous Resource Location Model in a Competitive Environment. International Journal of Computer Applications, 2011, 27, 1-4.	0.2	0
81	Representation of Spiking Neural P Systems with Anti-spikes through Petri Nets. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 651-658.	0.2	0
82	Online Financial Algorithms: Competitive Analysis. International Journal of Computer Applications, 2012, 40, 8-14.	0.2	0
83	A Constraint Guided Progressive Sequential Mining Waterfall Model for CRM. Journal of Computing and Information Technology, 2014, 22, 45.	0.2	0
84	RSA Variant with Efficient Memory Usage. , 2014, , .		0
85	Comparison and Analysis of RDF Data Using SPARQL, HIVE, PIG in Hadoop. Lecture Notes in Networks and Systems, 2017, , 361-369.	0.5	0
86	A Capacitated Facility Allocation Approach Based on Residue for Constrained Regions. Advances in Intelligent Systems and Computing, 2020, , 473-488.	0.5	0