

# Prabhat Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2368530/publications.pdf>

Version: 2024-02-01

86  
papers

1,518  
citations

516710

16  
h-index

395702

33  
g-index

94  
all docs

94  
docs citations

94  
times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intent and permission modeling for privacy leakage detection in android. Energy Systems, 2022, 13, 567-580.	3.0	10
2	System for Situational Awareness Using Geospatial Twitter Data. Advances in Intelligent Systems and Computing, 2022, , 731-738.	0.6	0
3	Trusted Recommendation Model for Social Network of Things. Advances in Intelligent Systems and Computing, 2022, , 839-847.	0.6	0
4	Android application behavioural analysis for data leakage. Expert Systems, 2021, 38, .	4.5	11
5	Classification of Diabetes by Kernel Based SVM with PSO. Recent Advances in Computer Science and Communications, 2021, 14, 1242-1255.	0.7	23
6	A comprehensive survey on trajectory schemes for data collection using mobile elements in WSNs. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 291-312.	4.9	45
7	Privacy issues of android application permissions: A literature review. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3773.	3.9	7
8	Defensive Modeling of Fake News Through Online Social Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 1159-1167.	4.4	77
9	EM- and EM <sup>TM</sup> -index Sequence: Construction and Application in Scientific Assessment of Scholars. Measurement, 2020, 18, 142-157.	0.2	1
10	A Novel Grid and Place Neuron <sup>TM</sup> s Computational Modeling to Learn Spatial Semantics of an Environment. Applied Sciences (Switzerland), 2020, 10, 5147.	2.5	12
11	Optimizing Online Shopping using Genetic Algorithm. , 2020, , .		3
12	Feature based video stabilization based on boosted HAAR Cascade and representative point matching algorithm. Image and Vision Computing, 2020, 101, 103957.	4.5	12
13	A community-based hierarchical user authentication scheme for Industry 4.0. Software - Practice and Experience, 2020, , .	3.6	8
14	Performance evaluation of classification methods with PCA and PSO for diabetes. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	2.1	75
15	SVM and HMM Classifier Combination Based Approach for Online Handwritten Indic Character Recognition. Recent Advances in Computer Science and Communications, 2020, 13, 200-214.	0.7	2
16	A Human Memory Process Modeling. Recent Patents on Engineering, 2020, 14, 179-193.	0.4	0
17	SensDroid: Analysis for Malicious Activity Risk of Android Application. Multimedia Tools and Applications, 2019, 78, 35713-35731.	3.9	20
18	Architecting user-centric internet of things for smart agriculture. Sustainable Computing: Informatics and Systems, 2019, 23, 88-102.	2.2	39

#	ARTICLE	IF	CITATIONS
19	A load balancing virtual level routing (LBVLR) using mobile mule for large sensor networks. Journal of Supercomputing, 2019, 75, 7426-7459.	3.6	6
20	RNN based online handwritten word recognition in Devanagari and Bengali scripts using horizontal zoning. Pattern Recognition, 2019, 92, 203-218.	8.1	61
21	Localization in three-dimensional wireless sensor networks: a survey. Journal of Supercomputing, 2019, 75, 5040-5083.	3.6	34
22	Impact of internet of things (IoT) in disaster management: a task-technology fit perspective. Annals of Operations Research, 2019, 283, 759-794.	4.1	127
23	An extensive evaluation of search-based software testing: a review. Soft Computing, 2019, 23, 1933-1946.	3.6	42
24	A Pattern-Based Multi-Factor Authentication System. Scalable Computing, 2019, 20, 101-112.	1.0	5
25	Role of Technology in Solid Waste Management: A Review. Recent Patents on Computer Science, 2019, 12, 338-348.	0.5	1
26	An Energy Efficient Protocol to Mitigate Hot Spot Problem Using Unequal Clustering in WSN. Wireless Personal Communications, 2018, 101, 799-827.	2.7	41
27	Optimized test suites for automated testing using different optimization techniques. Soft Computing, 2018, 22, 8341-8352.	3.6	37
28	Evolutionary Computation-Based Techniques Over Multiple Data Sets: An Empirical Assessment. Arabian Journal for Science and Engineering, 2018, 43, 3875-3885.	3.0	7
29	Smart Device Authentication Based on Online Handwritten Script Identification and Word Recognition in Indic Scripts Using Zone-Wise Features. International Journal of Information System Modeling and Design, 2018, 9, 21-55.	1.1	9
30	A vehicle number plate recognition system using region-of-interest based filtering method. , 2018, , .		5
31	Classification in Devanagari Script using Elliptical Region-wise Features. , 2018, , .		1
32	Handwritten Text Recognition in Bank Cheques. , 2018, , .		10
33	RNN Based Online Handwritten Word Recognition in Devanagari Script. , 2018, , .		10
34	Energy Conservation Through Data Prediction in Wireless Sensor Networks. SSRN Electronic Journal, 2018, , .	0.4	8
35	Corrections to: A Survey on Successors of Leach Protocol. IEEE Access, 2018, 6, 47295-47295.	4.2	2
36	Localization in 3D Wireless Sensor Network. Advances in Intelligent Systems and Computing, 2018, , 121-131.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Spam Review Detection Using Ensemble Machine Learning. Lecture Notes in Computer Science, 2018, , 198-209.	1.3	12
38	Persistent Cellular Telephony: Enhanced Secure GSM Architecture. Recent Patents on Engineering, 2018, 12, 23-29.	0.4	13
39	Facebook Like: Past, Present and Future. Advances in Intelligent Systems and Computing, 2018, , 617-625.	0.6	2
40	Models for the Detection of Malicious Intent People in Society. International Journal of Digital Crime and Forensics, 2018, 10, 15-26.	0.7	3
41	A Survey on Successors of LEACH Protocol. IEEE Access, 2017, 5, 4298-4328.	4.2	302
42	Consumer Satisfaction Rating System Using Sentiment Analysis. Lecture Notes in Computer Science, 2017, , 400-411.	1.3	5
43	A Load Balancing Cross Clustering Approach in Wireless Sensor Network. , 2017, , .		1
44	Optimal Sub-Path Selection for Maximum Data Gathering Using Mobile Sink in WSN. , 2017, , .		3
45	An Improved Tour Length Minimization for Single Hop Data Gathering in Wireless Sensor Network. , 2017, , .		0
46	An energy efficient routing using multi-hop intra clustering technique in WSNs. , 2017, , .		8
47	Localization in Wireless Sensor Networks Using Soft Computing Approach. International Journal of Information Security and Privacy, 2017, 11, 42-53.	0.8	7
48	Empirical Evaluation of Hill Climbing Algorithm. International Journal of Applied Metaheuristic Computing, 2017, 8, 27-40.	0.7	3
49	Fake Order Mitigation: A Profile Based Mechanism. Lecture Notes in Computer Science, 2017, , 276-288.	1.3	3
50	Privacy Analysis of Android Applications: State-of-art and Literary Assessment. Scalable Computing, 2017, 18, .	1.0	6
51	An Investigating Approach for Optimization of Software Test Suite. Recent Advances in Communications and Networking Technology, 2017, 6, .	0.1	3
52	Detection of Sybil Nodes in Wireless Sensor Networks. Indian Journal of Science and Technology, 2017, 10, .	0.7	1
53	A Novel Framework for Social Internet of Things. Indian Journal of Science and Technology, 2016, 9, .	0.7	5
54	Source location privacy using data mules in Wireless Sensor Networks. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
55	Internet Traffic Classification: A Survey. , 2016, , .		3
56	Intrusion detection system using anomaly technique in wireless sensor network. , 2016, , .		7
57	Operating systems: Demand based modularity. , 2016, , .		0
58	A Novel Approach for Software Test Data Generation using Cuckoo Algorithm. , 2016, , .		7
59	An efficient privacy preserving protocol for source location privacy in wireless sensor networks. , 2016, , .		5
60	An energy efficient Odd-Even round number based data collection using mules in WSNs. , 2016, , .		14
61	Predicting Stock Movements using Social Network. Lecture Notes in Computer Science, 2016, , 567-572.	1.3	7
62	Controlling and Mitigating Targeted Socio-Economic Attacks. Lecture Notes in Computer Science, 2016, , 471-476.	1.3	4
63	An energy efficient uneven grid clustering based routing protocol for Wireless Sensor Networks. , 2016, , .		12
64	Context-Aware Based Clustering in Wireless Sensor Networks â€” A Survey. , 2016, , .		0
65	Internet Traffic Classification Using Machine Learning. International Journal of Database Theory and Application, 2016, 9, 45-54.	0.2	3
66	Energy efficient multi-hop routing based on improved LEACH-CE for wireless sensor network. , 2015, , .		4
67	Source location privacy using multiple-phantom nodes in WSN. , 2015, , .		20
68	Source Location Privacy Using Fake Source and Phantom Routing (FSAPR) Technique in Wireless Sensor Networks. Procedia Computer Science, 2015, 57, 936-941.	2.0	29
69	Driver Alert System for Accident Avoidance. , 2015, , .		6
70	Crop Selection Method to maximize crop yield rate using machine learning technique. , 2015, , .		144
71	Survey of MAC Protocol for Wireless Sensor Networks. , 2015, , .		10
72	Understanding the Adoption of Mobile Internet in the Saudi Arabian Context: Results from a Descriptive Analysis. Lecture Notes in Computer Science, 2015, , 95-106.	1.3	1

#	ARTICLE	IF	CITATIONS
73	A Survey on Lightweight Block Ciphers. International Journal of Computer Applications, 2014, 96, 1-7.	0.2	10
74	Geomatics oriented model for converging electrical transmission networks into state wide area networks. , 2014, , .		1
75	Virtual Coordinates Routing Using VCP-M in Wireless Sensor Network. , 2014, , .		4
76	Traffic and resource based methods for congestion control in wireless sensor networks: A comparative analysis. , 2014, , .		3
77	Impact of Software Licenses in Cloud Computing Based E-Governance Initiatives. , 2014, , .		1
78	Supervised Semantic Analysis of Product Reviews Using Weighted k-NN Classifier. , 2014, , .		10
79	Survey of clustering algorithms using fuzzy logic in wireless sensor network. , 2013, , .		15
80	A Comprehensive Study on Multifactor Authentication Schemes. Advances in Intelligent Systems and Computing, 2013, , 561-568.	0.6	26
81	A survey on wireless LAN internal roaming protocols. , 2013, , .		0
82	Delay prediction in Mobile Ad Hoc Network using trapezoidal fuzzy numbers. , 2012, , .		2
83	An Efficient Forward Error Correction Scheme for Wireless Sensor Network. Procedia Technology, 2012, 4, 737-742.	1.1	18
84	IP based services. , 2012, , .		3
85	A New Approach to Theftware-Efficient Solution. Advanced Computing an International Journal, 2012, 3, 87-94.	1.5	0
86	A Mobile Sinks Based Data Collection Scheme for Isolated Wireless Sensor Networks. SSRN Electronic Journal, 0, , .	0.4	1