

# Kaushik Roy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12123584/publications.pdf>

Version: 2024-02-01

60  
papers

964  
citations

623734

14  
h-index

580821

25  
g-index

66  
all docs

66  
docs citations

66  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementing a network intrusion detection system using semi-supervised support vector machine and random forest. , 2021, , .		8
2	A deep learning based approach for prediction of Chlamydomonas reinhardtii phosphorylation sites. Scientific Reports, 2021, 11, 12550.	3.3	10
3	Face Recognition Using Popular Deep Net Architectures: A Brief Comparative Study. Future Internet, 2021, 13, 164.	3.8	15
4	An Empirical Evaluation of Online Continuous Authentication and Anomaly Detection Using Mouse Clickstream Data Analysis. Applied Sciences (Switzerland), 2021, 11, 6083.	2.5	12
5	Secure Cyber Defense: An Analysis of Network Intrusion-Based Dataset CCD-IDSv1 with Machine Learning and Deep Learning Models. Electronics (Switzerland), 2021, 10, 1747.	3.1	9
6	Using Embedded Feature Selection and CNN for Classification on CCD-INID-V1â€™A New IoT Dataset. Sensors, 2021, 21, 4834.	3.8	23
7	A Study of Gender Bias in Face Presentation Attack and Its Mitigation. Future Internet, 2021, 13, 234.	3.8	4
8	Big Data Mining and Classification of Intelligent Material Science Data Using Machine Learning. Applied Sciences (Switzerland), 2021, 11, 8596.	2.5	3
9	Comparison of Machine Learning and Deep Learning Models for Network Intrusion Detection Systems. Future Internet, 2020, 12, 167.	3.8	47
10	Using deep learning techniques and genetic-based feature extraction for presentation attack mitigation. Array, 2020, 7, 100029.	4.0	2
11	DeepRMethylSite: a deep learning based approach for prediction of arginine methylation sites in proteins. Molecular Omics, 2020, 16, 448-454.	2.8	18
12	Using a Long Short-Term Memory Recurrent Neural Network (LSTM-RNN) to Classify Network Attacks. Information (Switzerland), 2020, 11, 243.	2.9	53
13	RF-MaloSite and DL-Malosite: Methods based on random forest and deep learning to identify malonylation sites. Computational and Structural Biotechnology Journal, 2020, 18, 852-860.	4.1	14
14	DeepSuccinylSite: a deep learning based approach for protein succinylation site prediction. BMC Bioinformatics, 2020, 21, 63.	2.6	45
15	Deep Learning Approach for U.S. Traffic Sign Recognition. , 2019, , .		2
16	Touch-Based Active Cloud Authentication Using Traditional Machine Learning and LSTM on a Distributed Tensorflow Framework. International Journal of Computational Intelligence and Applications, 2019, 18, .	0.8	25
17	Continuous Authentication Using Mouse Clickstream Data Analysis. Lecture Notes in Computer Science, 2019, , 76-85.	1.3	15
18	Simulated Cloud Authentication Based on Touch Dynamics with SVM. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	LSTM for Anomaly-Based Network Intrusion Detection. , 2018, , .		81
20	Comparison of Pre-Trained Word Vectors for Arabic Text Classification Using Deep Learning Approach. , 2018, , .		20
21	Palm Print Authentication on a Cloud Platform. , 2018, , .		14
22	Applying Artificial Immune System for Intrusion Detection. , 2018, , .		14
23	Analyzing network traffic data using Hive queries. , 2017, , .		3
24	Multispectral iris recognition based on group selection and game theory. , 2017, , .		2
25	One-time password for biometric systems: disposable feature templates. , 2017, , .		3
26	Situation-based ontologies for a computational framework for identity focusing on crime scenes. , 2017, , .		10
27	Extending disposable feature templates for mitigating replay attacks. International Journal of Information Privacy, Security and Integrity, 2017, 3, 96.	0.1	1
28	Touch based active user authentication using Deep Belief Networks and Random Forests. , 2016, , .		6
29	Data augmentation in CNN-based periocular authentication. , 2016, , .		15
30	Genetic based Local Ternary Pattern Feature Extraction for mitigating replay attacks. , 2016, , .		0
31	Robust password system based on dynamic factors. , 2016, , .		1
32	A comparison of genetic based extraction methods for periocular recognition. , 2016, , .		2
33	Network security analysis using Big Data technology. , 2016, , .		13
34	Real-time large-scale big data networks analytics and visualization architecture. , 2015, , .		7
35	Multibiometric system using fuzzy level set, and genetic and evolutionary feature extraction. IET Biometrics, 2015, 4, 151-161.	2.5	14
36	Facial Recognition Utilizing Patch Based Game Theory. International Journal of Machine Learning and Computing, 2015, 5, 334-338.	0.6	4

#	ARTICLE	IF	CITATIONS
37	Multibiometric System Using Level Set, Modified LBP and Random Forest. International Journal of Image and Graphics, 2014, 14, 1450013.	1.5	5
38	Iris recognition using Level Set and hGEFE. , 2014, , .		2
39	Multispectral iris recognition utilizing hough transform and modified LBP. , 2014, , .		16
40	Multispectral Iris Recognition Using Patch Based Game Theory. Lecture Notes in Computer Science, 2014, , 112-119.	1.3	1
41	Iris Recognition Using Level Set and Local Binary Pattern. International Journal of Computer Theory and Engineering, 2014, 6, 416-420.	3.4	6
42	Mitigating Iris-Based Replay Attacks. International Journal of Machine Learning and Computing, 2014, 4, 204-209.	0.6	19
43	Iris Recognition Using Fuzzy Level Set and GEFE. International Journal of Machine Learning and Computing, 2014, 4, 225-231.	0.6	6
44	Fly Wing Biometrics Using Modified Local Binary Pattern, SVMs and Random Forest. International Journal of Machine Learning and Computing, 2014, 4, 279-285.	0.6	12
45	Facial Recognition using Modified Local Binary Pattern and Random Forest. International Journal of Artificial Intelligence & Applications, 2013, 4, 25-33.	0.5	15
46	Iris segmentation using game theory. Signal, Image and Video Processing, 2012, 6, 301-315.	2.7	11
47	Multibiometric System Using Distance Regularized Level Set Method and Particle Swarm Optimization. Lecture Notes in Computer Science, 2012, , 590-599.	1.3	2
48	Iris recognition using shape-guided approach and game theory. Pattern Analysis and Applications, 2011, 14, 329-348.	4.6	25
49	Towards nonideal iris recognition based on level set method, genetic algorithms and adaptive asymmetrical SVMs. Engineering Applications of Artificial Intelligence, 2011, 24, 458-475.	8.1	57
50	Iris segmentation using variational level set method. Optics and Lasers in Engineering, 2011, 49, 578-588.	3.8	45
51	IMPROVEMENT OF IRIS RECOGNITION PERFORMANCE USING REGION-BASED ACTIVE CONTOURS, GENETIC ALGORITHMS AND SVMs. International Journal of Pattern Recognition and Artificial Intelligence, 2010, 24, 1209-1236.	1.2	12
52	Segmentation of Unideal Iris Images Using Game Theory. , 2010, , .		21
53	Recognition of unideal iris images using region-based active contour model and game theory. , 2010, , .		11
54	Secure biometric system for accessing home appliances via Internet. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	Adaptive asymmetrical SVM and genetic algorithms based iris recognition. , 2008, , .		12
56	Optimal Features Subset Selection and Classification for Iris Recognition. Eurasip Journal on Image and Video Processing, 2008, 2008, 1-20.	2.6	90
57	Multi-class SVM based iris recognition. , 2007, , .		14
58	Iris Recognition Based on Zigzag Collarete Region and Asymmetrical Support Vector Machines. Lecture Notes in Computer Science, 2007, , 854-865.	1.3	10
59	An Iris Recognition Method Based On Zigzag Collarete Area and Asymmetrical Support Vector Machines. , 2006, , .		13
60	Iris Recognition with Support Vector Machines. Lecture Notes in Computer Science, 2005, , 486-492.	1.3	24