

Aparajita Ojha

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

502
citations

840776

11
h-index

713466

21
g-index

57
all docs

57
docs citations

57
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time interception performance evaluation of certain proportional navigation based guidance laws in aerial ground engagement. <i>Intelligent Service Robotics</i> , 2022, 15, 95.	2.6	0
2	A survey on vision-based outdoor smoke detection techniques for environmental safety. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 185, 158-187.	11.1	31
3	DSB-GAN: Generation of deep learning based synthetic biometric data. <i>Displays</i> , 2022, 74, 102267.	3.7	3
4	Gene expression clustering using local neighborhood-based similarity measures. <i>Computers and Electrical Engineering</i> , 2021, 91, 107032.	4.8	4
5	A deep CNN model for anomaly detection and localization in wireless capsule endoscopy images. <i>Computers in Biology and Medicine</i> , 2021, 137, 104789.	7.0	38
6	Detection of abnormality in wireless capsule endoscopy images using fractal features. <i>Computers in Biology and Medicine</i> , 2020, 127, 104094.	7.0	31
7	How effective are maintainability metrics in estimating maintenance efforts? An empirical study. <i>International Journal of Systems Assurance Engineering and Management</i> , 2019, 10, 984-1001.	2.4	1
8	Experimental Evaluation of Certain Pursuit and Evasion Schemes for Wheeled Mobile Robots. <i>International Journal of Automation and Computing</i> , 2019, 16, 491-510.	4.5	10
9	Performance of Maintainability Index prediction models: a feature selection based study. <i>Evolving Systems</i> , 2019, 10, 179-204.	3.9	10
10	DK-means: a deterministic K-means clustering algorithm for gene expression analysis. <i>Pattern Analysis and Applications</i> , 2019, 22, 649-667.	4.6	41
11	Improved security in the genetic algorithm-based image steganography scheme using Hilbert space-filling curve. <i>Imaging Science Journal</i> , 2019, 67, 148-158.	0.5	5
12	Chaotic system-based secure data hiding scheme with high embedding capacity. <i>Computers and Electrical Engineering</i> , 2018, 69, 447-460.	4.8	7
13	Fast approximate minimum spanning tree based clustering algorithm. <i>Neurocomputing</i> , 2018, 272, 542-557.	5.9	36
14	Secure data hiding scheme using shape generation algorithm: a key based approach. <i>Multimedia Tools and Applications</i> , 2018, 77, 16319-16345.	3.9	6
15	A Reversible Data Hiding Scheme with High Security and Improved Embedding Capacity. , 2018, , .		0
16	Hamiltonian path based image steganography scheme with improved imperceptibility and undetectability. <i>Applied Soft Computing Journal</i> , 2018, 73, 497-507.	7.2	12
17	Discrimination of Inheritance Patterns: An Improved Metric. , 2018, , .		0
18	Anticipated trajectory based proportional navigation guidance scheme for intercepting high maneuvering targets. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 1351-1361.	2.7	14

#	ARTICLE	IF	CITATIONS
19	A new composite multi-constrained differential-radon warping approach for digital video affine motion stabilization. Computer Vision and Image Understanding, 2017, 155, 83-105.	4.7	2
20	A Novel Visual Secret Sharing Scheme Using Affine Cipher and Image Interleaving. Advances in Intelligent Systems and Computing, 2017, , 71-80.	0.6	0
21	Digital image stabilization using similarity transformation over constrained Differential-Radon warping vectors. Signal Processing: Image Communication, 2016, 47, 115-130.	3.2	1
22	Robust image watermarking using combined DSR-SVM with PCA based feature reduction. , 2016, , .		1
23	Functional grouping of similar genes using eigenanalysis on minimum spanning tree based neighborhood graph. Computers in Biology and Medicine, 2016, 71, 135-148.	7.0	20
24	Anticipated velocity based guidance strategy for wheeled mobile evader amidst stationary and moving obstacles in bounded environment. Computer Animation and Virtual Worlds, 2015, 26, 495-507.	1.2	1
25	Unsteady camera zoom stabilization using slope estimation over interest warping vectors. Pattern Recognition Letters, 2015, 68, 197-204.	4.2	4
26	A Scalable Data Hiding Scheme Using Hilbert Space Curve and Chaos. , 2015, , .		1
27	Fast Minimum Spanning Tree Based Clustering Algorithms on Local Neighborhood Graph. Lecture Notes in Computer Science, 2015, , 292-301.	1.3	7
28	Digital watermark extraction using support vector machine with principal component analysis based feature reduction. Journal of Visual Communication and Image Representation, 2015, 31, 75-85.	2.8	47
29	Analysis and combination of positive aspects of threshold RG based VSS schemes. , 2015, , .		1
30	Significant region based robust watermarking scheme in lifting wavelet transform domain. Expert Systems With Applications, 2015, 42, 8184-8197.	7.6	92
31	On multi-secret sharing using Hill cipher and random grids. , 2015, , .		3
32	On the Impact of Post-clustering Phase in Multi-way Spectral Partitioning. Lecture Notes in Computer Science, 2015, , 161-169.	1.3	0
33	Linear equation based visual secret sharing scheme. , 2014, , .		6
34	Maintainable Stochastic Flow Networks with High QoS: A Quick and Practical Approach. , 2014, , .		1
35	Anticipated Velocity Based Guidance Strategy for Wheeled Mobile Evaders Amidst Moving Obstacles in Bounded Environment. Advances in Intelligent Systems and Computing, 2014, , 789-798.	0.6	1
36	Discrimination of Class Inheritance Hierarchies – A Vector Approach. Advances in Intelligent Systems and Computing, 2014, , 121-130.	0.6	1

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37	ClassIN: A Class Inheritance Metric Tool. Advances in Intelligent Systems and Computing, 2014, , 113-119.	0.6	0
38	A Novel Multi Secret Sharing Scheme Based on Bitplane Flips and Boolean Operations. Advances in Intelligent Systems and Computing, 2014, , 765-772.	0.6	0
39	A novel visual cryptography scheme based on substitution cipher. , 2013, , .		3
40	Natural path planning using wavelet noise in static environment. Computer Animation and Virtual Worlds, 2013, 24, 17-24.	1.2	1
41	Quickest path problems in stochastic-flow networks with time constraint: A fast and reliable solution. , 2013, , .		1
42	Performance evaluation of certain proportional navigation guidance schemes. , 2013, , .		1
43	An evader-centric strategy against fast pursuer in an unknown environment with static obstacles. , 2013, , .		3
44	SUBDIVISION-BASED CORRIDOR MAP METHOD FOR PATH PLANNING. International Journal of Robotics and Automation, 2013, 28, .	0.1	1
45	A Fast and Efficient Data Hiding Scheme in Binary Images. , 2012, , .		5
46	LPMP: An efficient lightweight protocol for mobile payment. , 2012, , .		8
47	On a Visual Secret Sharing Scheme with High Quality Decryption. , 2012, , .		2
48	An aspect oriented model of efficient and secure card-based payment system. , 2011, , .		1
49	On Wachspress pentagonal patches. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 2020099-2020100.	0.2	0
50	A simple subdivision formula for quadrilateral Wachspress patches. Computer Aided Geometric Design, 2003, 20, 395-399.	1.2	1
51	On C1-continuity of Wachspress quadrilateral patches. Computer Aided Geometric Design, 2002, 19, 207-222.	1.2	6
52	On Wachspress quadrilateral patches. Computer Aided Geometric Design, 2000, 17, 879-890.	1.2	17
53	Variation Diminishing Properties of Bernstein Polynomials on a Tetrahedron. Journal of Approximation Theory, 1994, 79, 180-189.	0.8	1
54	Wachspress type rational complex planar splines of degree (3,1). Advances in Computational Mathematics, 1994, 2, 235-249.	1.6	1

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55	Certain mapping properties of rational complex planar splines. Mathematical Proceedings of the Cambridge Philosophical Society, 1987, 101, 141-149.	0.4	2
56	On convergence and quasiconformality of complex planar spline interpolants. Mathematical Proceedings of the Cambridge Philosophical Society, 1986, 99, 347-356.	0.4	6