Dr Syed Abdul Rahman Al-Haddad Bin S

List of Publications by Year
in descending order

42 papers	740 citations	516710 16 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	566 citing authors

#	Article	IF	Citations
1	On Computational Aspects of Tchebichef Polynomials for Higher Polynomial Order. IEEE Access, 2017, 5, 2470-2478.	4.2	52
2	Methods and Challenges in Shot Boundary Detection: A Review. Entropy, 2018, 20, 214.	2.2	52
3	Natural image noise level estimation based on local statistics for blind noise reduction. Visual Computer, 2018, 34, 575-587.	3.5	42
4	An overview of digital speech watermarking. International Journal of Speech Technology, 2013, 16, 471-488.	2.2	39
5	Fast Recursive Computation of Krawtchouk Polynomials. Journal of Mathematical Imaging and Vision, 2018, 60, 285-303.	1.3	39
6	Signal compression and enhancement using a new orthogonalâ€polynomialâ€based discrete transform. IET Signal Processing, 2018, 12, 129-142.	1.5	38
7	Fast Temporal Video Segmentation Based on Krawtchouk-Tchebichef Moments. IEEE Access, 2020, 8, 72347-72359.	4.2	37
8	Low-Distortion MMSE Speech Enhancement Estimator Based on Laplacian Prior. IEEE Access, 2017, 5, 9866-9881.	4.2	36
9	Single image dehazing using second-generation wavelet transforms and the mean vector L2-norm. Visual Computer, 2018, 34, 675-688.	3.5	30
10	Shot boundary detection based on orthogonal polynomial. Multimedia Tools and Applications, 2019, 78, 20361-20382.	3.9	30
11	Additive noise reduction in natural images using secondâ€generation wavelet transform hidden Markov models. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 339-347.	1.4	28
12	A New Hybrid form of Krawtchouk and Tchebichef Polynomials: Design and Application. Journal of Mathematical Imaging and Vision, 2019, 61, 555-570.	1.3	28
13	A Robust Handwritten Numeral Recognition Using Hybrid Orthogonal Polynomials and Moments. Sensors, 2021, 21, 1999.	3.8	27
14	Denoising of natural images through robust wavelet thresholding and genetic programming. Visual Computer, 2017, 33, 1141-1154.	3.5	23
15	A Novel Clustering Algorithm for Mobile Ad Hoc Networks Based on Determination of Virtual Linksâ€™ Weight to Increase Network Stability. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	21
16	Multiclass Support Vector Machines for Classification of ECG Data with Missing Values. Applied Artificial Intelligence, 2015, 29, 660-674.	3.2	17
17	Recognition system for leaf images based on its leaf contour and centroid. , 2017, , .		17
18	Integrated OBD-II and mobile application for electric vehicle (EV) monitoring system. , 2017, , .		16

#	Article	IF	Citations
19	Non-fiducial based ECG biometric authentication using one-class Support Vector Machine. , 2017, , .		16
20	A New Separable Moments Based on Tchebichef-Krawtchouk Polynomials. IEEE Access, 2020, 8, 41013-41025.	4.2	16
21	Multi-factor authentication model based on multipurpose speech watermarking and online speaker recognition. Multimedia Tools and Applications, 2017, 76, 7251-7281.	3.9	14
22	Design of Natural Image Denoising Filter Based on Second-Generation Wavelet Transformation and Principle Component Analysis. Journal of Medical Imaging and Health Informatics, 2015, 5, 1261-1266.	0.3	13
23	Semi-fragile digital speech watermarking for online speaker recognition. Eurasip Journal on Audio, Speech, and Music Processing, 2015, 2015, .	2.1	13
24	Energy-Aware Fault Tolerant Task offloading of Mobile Cloud Computing. , 2017, , .		13
25	Distant Speaker Recognition: An Overview. International Journal of Humanoid Robotics, 2016, 13, 1550032.	1.1	12
26	Feature level fusion for biometric verification with two-lead ECG signals. , 2016, , .		11
27	Robust Digital Speech Watermarking For Online Speaker Recognition. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	10
28	Fast Shot Boundary Detection Based on Separable Moments and Support Vector Machine. IEEE Access, 2021, 9, 106412-106427.	4.2	9
29	Speaker Frame Selection for Digital Speech Watermarking. The National Academy of Sciences, India, 2016, 39, 197-201.	1.3	8
30	Decision Fusion for Isolated Malay Digit Recognition Using Dynamic Time Warping (DTW) and Hidden Markov Model (HMM). , 2007, , .		6
31	Identification of Distributed Denial of Services Anomalies by Using Combination of Entropy and Sequential Probabilities Ratio Test Methods. Sensors, 2021, 21, 6453.	3.8	6
32	Acoustic echo cancellation using adaptive filtering algorithms for Quranic accents (Qiraat) identification. International Journal of Speech Technology, 2016, 19, 393-405.	2.2	5
33	A Flexible Speech Recognition System for Cerebral Palsy Disabled. Communications in Computer and Information Science, 2011, , 42-55.	0.5	5
34	Digital speech watermarking for anti-spoofing attack in speaker recognition. , 2014, , .		3
35	Ancestral Dynamic Voting Algorithm for Mutual Exclusion in Partitioned Distributed Systems. International Journal of Distributed Sensor Networks, 2013, 9, 120308.	2.2	2
36	New tool for converting high-level representations of finite state machines to verilog HDL. , 2017, , .		2

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37	Improved Latency of CAN Vehicle Data Extraction Method. Lecture Notes in Computer Science, 2018, , 14-26.	1.3	2
38	Robust digit recognition with dynamic time warping and recursive least squares. , 2008, , .		1
39	Sequential parameterizing affine projection (SPAP) windowing length for acoustic echo cancellation on speech accents identification. , 2017, , .		1
40	A New Colour Image Watermarking Technique Using Special Domain. , 2015, , .		0
41	A Model of Online Assessment and Teaching Monitoring for Learning Management System to Improve Learning Cognitive Skills. Advanced Science Letters, 2015, 21, 2215-2220.	0.2	0
42	A Survey on Mutual Exclusion Algorithms for Mobile Ad Hoc Networks. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3472-3487.	0.4	0