

Amod Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

378
citations

933447

10
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Real time estimation and suppression of hand tremor for surgical robotic applications. <i>Microsystem Technologies</i> , 2022, 28, 305-311.	2.0	6
2	Low Area and High Bit Resolution Flash Analog to Digital Converter for Wide Band Applications: A Review. <i>Micro and Nanosystems</i> , 2022, 14, 191-197.	0.6	1
3	Low area and high-performance 6-bit MUX based flash ADC for wide band applications. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	0
4	Speech Recognition Using Enhanced Features with Deep Belief Network for Real Time Application. <i>Wireless Personal Communications</i> , 2021, 120, 3225.	2.7	0
5	Speech-Based Vehicle Movement Control Solution. <i>Journal of Telecommunications and Information Technology</i> , 2021, 3, 72-77.	0.4	0
6	A prospective study to assess the association between emotion and disease: Wrist Pulse Signals. , 2020, , .		0
7	A Fusion of Cuckoo Search and Multiscale Adaptive Smoothing Based Unsharp Masking for Image Enhancement. <i>International Journal of Applied Metaheuristic Computing</i> , 2019, 10, 151-174.	0.7	2
8	Identification of motion outliers in wrist pulse signal. <i>Computers and Electrical Engineering</i> , 2018, 67, 776-790.	4.8	10
9	Integrated Speaker and Speech Recognition for Wheel Chair Movement Using Artificial Intelligence. <i>Informatica (Slovenia)</i> , 2018, 42, .	0.9	3
10	A social spider optimized image fusion approach for contrast enhancement and brightness preservation. <i>Applied Soft Computing Journal</i> , 2017, 52, 575-592.	7.2	42
11	Kinematic control of an articulated minimally invasive surgical robotic arm. , 2016, , .		1
12	Implementation of text dependent speaker verification on MATLAB. , 2015, , .		2
13	Comparison of Artificial Immune System and Particle Swarm Optimization Techniques for Error Optimization of Machine Vision Based Tool Movements. <i>Journal of the Institution of Engineers (India): Series C</i> , 2015, 96, 363-372.	1.2	3
14	Design optimization of minimally invasive surgical robot. <i>Applied Soft Computing Journal</i> , 2015, 32, 241-249.	7.2	9
15	A Machine Vision System for Tool Positioning and Its Verification. <i>Measurement and Control</i> , 2015, 48, 249-260.	1.8	20
16	Experimental and numerical investigation of heat confinement during nanoparticle-assisted thermal therapy. <i>International Communications in Heat and Mass Transfer</i> , 2015, 69, 11-17.	5.6	21
17	The influence of tumour blood perfusion variability on thermal damage during nanoparticle-assisted thermal therapy. <i>International Journal of Hyperthermia</i> , 2015, 31, 615-625.	2.5	26
18	Electroencephalogram based quantitative estimation of pain for balanced anaesthesia. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 59, 296-301.	5.0	10

#	ARTICLE	IF	CITATIONS
19	A hybrid particle swarm optimization and artificial immune system algorithm for image enhancement. <i>Soft Computing</i> , 2015, 19, 2101-2109.	3.6	26
20	Artificial Immune System Based Image Enhancement Technique. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 1-8.	0.6	1
21	Improved thresholding based on negative selection algorithm (NSA). <i>Evolutionary Intelligence</i> , 2014, 6, 157-170.	3.6	8
22	Investigation on nanoparticle distribution for thermal ablation of a tumour subjected to nanoparticle assisted thermal therapy. <i>Journal of Thermal Biology</i> , 2014, 43, 70-80.	2.5	56
23	Discrimination analysis of Indian tea varieties based upon color under optimum illumination. <i>Journal of Food Measurement and Characterization</i> , 2013, 7, 60-65.	3.2	7
24	Role of optical coefficients and healthy tissue-sparing characteristics in gold nanorod-assisted thermal therapy. <i>International Journal of Hyperthermia</i> , 2013, 29, 87-97.	2.5	51
25	Classification of tea grains based upon image texture feature analysis under different illumination conditions. <i>Journal of Food Engineering</i> , 2013, 115, 226-231.	5.2	41
26	Higuchi fractal dimension as a measure of analgesia. <i>International Journal of Medical Engineering and Informatics</i> , 2012, 4, 66.	0.3	4
27	Significant physical attributes affecting quality of Indian black (CTC) tea. <i>Journal of Food Engineering</i> , 2012, 113, 69-78.	5.2	21
28	A Depth of Anaesthesia Index from Linear Regression of Eeg Parameters. <i>Journal of Clinical Monitoring and Computing</i> , 2006, 20, 67-73.	1.6	7