Ramesh Kestur

List of Publications by Year
in descending order

		567281	552781
37 papers	872 citations	15 h-index	26 g-index
37 all docs	37 docs citations	37 times ranked	1202 citing authors

#	Article	IF	Citations
1	Detection of tomatoes using spectral-spatial methods in remotely sensed RGB images captured by UAV. Biosystems Engineering, 2016, 146, 16-32.	4.3	106
2	Application of UAV imaging platform for vegetation analysis based on spectral-spatial methods. Computers and Electronics in Agriculture, 2017, 140, 8-24.	7.7	101
3	MangoNet: A deep semantic segmentation architecture for a method to detect and count mangoes in an open orchard. Engineering Applications of Artificial Intelligence, 2019, 77, 59-69.	8.1	93
4	Fiber bragg grating sensor based device for simultaneous measurement of respiratory and cardiac activities. Journal of Biophotonics, 2017, 10, 278-285.	2.3	66
5	UFCN: a fully convolutional neural network for road extraction in RGB imagery acquired by remote sensing from an unmanned aerial vehicle. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	57
6	Detection of the power lines in UAV remote sensed images using spectral-spatial methods. Journal of Environmental Management, 2018, 206, 1233-1242.	7.8	54
7	Crop Stage Classification of Hyperspectral Data Using Unsupervised Techniques. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 861-866.	4.9	51
8	Hierarchical Clustering Algorithm for Land Cover Mapping Using Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 762-768.	4.9	37
9	Crop classification using biologically-inspired techniques with high resolution satellite image. Journal of the Indian Society of Remote Sensing, 2008, 36, 175-182.	2.4	36
10	Integration of speckle de-noising and image segmentation using Synthetic Aperture Radar image for flood extent extraction. Journal of Earth System Science, 2013, 122, 559-572.	1.3	35
11	Tree Crown Detection, Delineation and Counting in UAV Remote Sensed Images: A Neural Network Based Spectral–Spatial Method. Journal of the Indian Society of Remote Sensing, 2018, 46, 991-1004.	2.4	31
12	Automatic road extraction using high resolution satellite image based on texture progressive analysis and normalized cut method. Journal of the Indian Society of Remote Sensing, 2009, 37, 351-361.	2.4	28
13	Multiobjective Discrete Particle Swarm Optimization for Multisensor Image Alignment. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1095-1099.	3.1	26
14	Yoga techniques as a means of core stability training. Journal of Bodywork and Movement Therapies, 2009, 13, 98-103.	1.2	23
15	Detection of Rows in Agricultural Crop Images Acquired by Remote Sensing from a UAV. International Journal of Image Graphics and Signal Processing, 2016, 8, 25-31.	1.2	16
16	Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach. International Journal of Parallel, Emergent and Distributed Systems, 2006, 21, 303-321.	1.0	13
17	A mathematical model of effects on specific joints during practice of the Sun Salutation â€“ A sequence of yoga postures. Journal of Bodywork and Movement Therapies, 2011, 15, 201-208.	1.2	12
18	GPU-based normalized cuts for road extraction using satellite imagery. Journal of Earth System Science, 2014, 123, 1759-1769.	1.3	12

#	Article	IF	Citations
19	Automatic road extraction using high resolution satellite images based on Level Set and Mean Shift methods. , 2011, , .		11
20	Automatic detection of powerlines in UAV remote sensed images. , 2015, , .		10
21	A Novel Multiobjective Optimization for Cement Stabilized Soft Soil based on Artificial Bee Colony. International Journal of Applied Metaheuristic Computing, 2016, 7, 1-17.	0.7	10
22	Space suit puncture repair using a wireless sensor network of micro-robots optimized by Glowworm Swarm Optimization. Journal of Micro-Nano Mechatronics, 2011, 6, 47-58.	1.0	8
23	Hierarchical artificial immune system for crop stage classification. , 2011, , .		7
24	Multi-objective optimization of satellite image registration using Discrete Particle Swarm Optimisation. , 2011, , .		5
25	SIFT-FANN: An efficient framework for spatio-spectral fusion of satellite images. Journal of the Indian Society of Remote Sensing, 2017, 45, 55-65.	2.4	5
26	Meshfree Galerkin method for a rotating Euler-Bernoulli beam. International Journal for Computational Methods in Engineering Science and Mechanics, 2018, 19, 11-21.	2.1	4
27	Holistic assessment of anger in adolescents â€" Development of a rating scale. Journal of Ayurveda and Integrative Medicine, 2018, 9, 195-200.	1.7	4
28	Identification of Helicopter Dynamics based on Flight Data using Nature Inspired Techniques. International Journal of Applied Metaheuristic Computing, 2015, 6, 38-52.	0.7	4
29	Time-frequency analysis of human motion during rhythmic exercises. , 2011, 2011, 1279-82.		2
30	Neural Network and Swarm Intelligence for Data Mining. Series in Machine Perception and Artificial Intelligence, 2011, , 23-65.	0.1	2
31	Musculoskeletal modeling and analysis of trikonasana. International Journal of Yoga, 2018, 11, 201.	1.0	2
32	Understanding Vrikshasana using body mounted sensors: A statistical approach. International Journal of Yoga, 2016, 9, 4.	1.0	1
33	Quantification of Impact of a Cricket Ball. , 2006, , .		0
34	Tool Wear Monitoring using Ant Behaviour. , 2006, , .		0
35	Modified Roaming Optimization for multi-modal optima. , 2012, , .		0
36	System identification of a small scaled helicopter using simulated annealing algorithm. , 2018, , .		0

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37	Airfoil Topology Optimization using Teaching-Learning based Optimization. International Journal of Applied Metaheuristic Computing, 2015, 6, 23-34.	0.7	0