

Aamir Saeed Malik

List of Publications by Year in descending order

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Version: 2024-02-01

359
papers

5,708
citations

126708

33
h-index

118652

62
g-index

370
all docs

370
docs citations

370
times ranked

5678
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of physiological states from contactless face video: a sparse representation approach. Computing (Vienna/New York), 2023, 105, 761-781.	3.2	3
2	Modulation of cortical activity in response to learning and long-term memory retrieval of 2D versus stereoscopic 3D educational contents: Evidence from an EEG study. Computers in Human Behavior, 2021, 114, 106526.	5.1	6
3	Fusion of CNN and sparse representation for threat estimation near power lines and poles infrastructure using aerial stereo imagery. Technological Forecasting and Social Change, 2021, 168, 120762.	6.2	4
4	Hemispheric Asymmetries in Electroencephalogram Oscillations for Long-Term Memory Retrieval in Healthy Individuals. Brain Sciences, 2020, 10, 937.	1.1	0
5	Motion estimation of high density crowd using fluid dynamics. Imaging Science Journal, 2020, 68, 141-155.	0.2	9
6	Decoding Brain Patterns for Colored and Grayscale Images using Multivariate Pattern Analysis. KSII Transactions on Internet and Information Systems, 2020, 14, .	0.7	1
7	Bleeding detection in wireless capsule endoscopy videos " Color versus texture features. Journal of Applied Clinical Medical Physics, 2019, 20, 141-154.	0.8	32
8	Investigating Neurofeedback Protocols for Stress Mitigation: A Comparative Analysis of Different Stimulus Contents. IEEE Access, 2019, 7, 141021-141035.	2.6	11
9	Exploring EEG Effective Connectivity Network in Estimating Influence of Color on Emotion and Memory. Frontiers in Neuroinformatics, 2019, 13, 66.	1.3	29
10	Characterization stress reactions to stroop color-word test using spectral analysis. Materials Today: Proceedings, 2019, 16, 1949-1958.	0.9	5
11	Introduction: Depression and Challenges. , 2019, , 1-20.		0
12	Electroencephalography-Based Brain Functional Connectivity and Clinical Implications. , 2019, , 61-88.		0
13	Using Electroencephalography for Diagnosing and Treating Depression. , 2019, , 111-134.		0
14	Classification of Visual and Non-visual Learners Using Electroencephalographic Alpha and Gamma Activities. Frontiers in Behavioral Neuroscience, 2019, 13, 86.	1.0	17
15	EEG in classroom: EMD features to detect situational interest of students during learning. Multimedia Tools and Applications, 2019, 78, 16261-16281.	2.6	25
16	Image classification based on sparse-coded features using sparse coding technique for aerial imagery: a hybrid dictionary approach. Neural Computing and Applications, 2019, 31, 3587-3607.	3.2	8
17	EEG Power and Functional Connectivity Correlates with Semantic Long-Term Memory Retrieval. IEEE Access, 2018, 6, 8695-8703.	2.6	24
18	A Review on EEG-Based Automatic Sleepiness Detection Systems for Driver. IEEE Access, 2018, 6, 22908-22919.	2.6	94

#	ARTICLE	IF	CITATIONS
19	A review on EEG-based methods for screening and diagnosing alcohol use disorder. Cognitive Neurodynamics, 2018, 12, 141-156.	2.3	39
20	Comparison of EEG signal decomposition methods in classification of motor-imagery BCI. Multimedia Tools and Applications, 2018, 77, 21305-21327.	2.6	22
21	Discrimination of four class simple limb motor imagery movements for brain-computer interface. Biomedical Signal Processing and Control, 2018, 44, 181-190.	3.5	14
22	SVD-Based Tensor-Completion Technique for Background Initialization. IEEE Transactions on Image Processing, 2018, 27, 3114-3126.	6.0	27
23	Localized N20 Component of Somatosensory Evoked Magnetic Fields in Frontoparietal Brain Tumor Patients Using Noise-Normalized Approaches. Clinical Neuroradiology, 2018, 28, 267-281.	1.0	2
24	An adaptive block-based matching algorithm for crowd motion sequences. Multimedia Tools and Applications, 2018, 77, 1783-1809.	2.6	2
25	Decoding of visual activity patterns from fMRI responses using multivariate pattern analyses and convolutional neural network. Journal of Integrative Neuroscience, 2018, 16, 275-289.	0.8	15
26	A machine learning framework involving EEG-based functional connectivity to diagnose major depressive disorder (MDD). Medical and Biological Engineering and Computing, 2018, 56, 233-246.	1.6	114
27	Modulation of sensorimotor rhythms for brain-computer interface using motor imagery with online feedback. Signal, Image and Video Processing, 2018, 12, 557-564.	1.7	14
28	An EEG-based functional connectivity measure for automatic detection of alcohol use disorder. Artificial Intelligence in Medicine, 2018, 84, 79-89.	3.8	47
29	Mitigation of stress: new treatment alternatives. Cognitive Neurodynamics, 2018, 12, 1-20.	2.3	43
30	EMD-Based Feature to Detect Situational Interest in Classroom Settings Using EEG. , 2018, , .		3
31	Classification of Resting and Cognitive States using EEG-based Feature Extraction and Connectivity Approach. , 2018, , .		3
32	Assessment of Cognitive Load using Multimedia Learning and Resting States with Deep Learning Perspective. , 2018, , .		4
33	EEG Visual and Non- Visual Learner Classification Using LSTM Recurrent Neural Networks. , 2018, , .		4
34	Studying the Effect of Lecture Content on Students's™ EEG data in Classroom using SVD. , 2018, , .		3
35	Differentiating Between Visual and Non-Visual Learners Using EEG Power Spectrum Entropy. , 2018, , .		3
36	A physiological signal-based method for early mental-stress detection. Biomedical Signal Processing and Control, 2018, 46, 18-32.	3.5	51

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37	A Comparative Study of Different EEG Reference Choices for Diagnosing Unipolar Depression. <i>Brain Topography</i> , 2018, 31, 875-885.	0.8	11
38	A study of decoding human brain activities from simultaneous data of EEG and fMRI using MVPA. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018, 41, 633-645.	1.4	2
39	Deep convolutional neural network processing of aerial stereo imagery to monitor vulnerable zones near power lines. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	0.6	5
40	Scene classification for aerial images based on CNN using sparse coding technique. <i>International Journal of Remote Sensing</i> , 2017, 38, 2662-2685.	1.3	38
41	Prediction of Human Brain Activity Using Likelihood Ratio Based Score Fusion. <i>IEEE Access</i> , 2017, 5, 13010-13019.	2.6	9
42	Video-Based Heartbeat Rate Measuring Method Using Ballistocardiography. <i>IEEE Sensors Journal</i> , 2017, 17, 4544-4557.	2.4	22
43	Measuring height of high-voltage transmission poles using unmanned aerial vehicle (UAV) imagery. <i>Imaging Science Journal</i> , 2017, 65, 137-150.	0.2	3
44	Visual brain activity patterns classification with simultaneous EEG-fMRI: A multimodal approach. <i>Technology and Health Care</i> , 2017, 25, 471-485.	0.5	8
45	Visual feedback-based heading control of autonomous underwater vehicle for pipeline corrosion inspection. <i>International Journal of Advanced Robotic Systems</i> , 2017, 14, 172988141665817.	1.3	23
46	Removal of BCG artefact from concurrent fMRI-EEG recordings based on EMD and PCA. <i>Journal of Neuroscience Methods</i> , 2017, 291, 150-165.	1.3	13
47	Detection and Classification of Bleeding Region in WCE Images using Color Feature. , 2017, , .		20
48	Heart rate estimation using facial video: A review. <i>Biomedical Signal Processing and Control</i> , 2017, 38, 346-360.	3.5	135
49	An EEG-Based Cognitive Load Assessment in Multimedia Learning Using Feature Extraction and Partial Directed Coherence. <i>IEEE Access</i> , 2017, 5, 14819-14829.	2.6	55
50	Machine Learning Framework for the Detection of Mental Stress at Multiple Levels. <i>IEEE Access</i> , 2017, 5, 13545-13556.	2.6	166
51	An EEG-based machine learning method to screen alcohol use disorder. <i>Cognitive Neurodynamics</i> , 2017, 11, 161-171.	2.3	60
52	Electroencephalogram (EEG)-based computer-aided technique to diagnose major depressive disorder (MDD). <i>Biomedical Signal Processing and Control</i> , 2017, 31, 108-115.	3.5	139
53	Classification of Four Class Motor Imagery for Brain Computer Interface. <i>Lecture Notes in Electrical Engineering</i> , 2017, , 297-305.	0.3	5
54	Selection of Measurement Method for Detection of Driver Visual Cognitive Distraction: A Review. <i>IEEE Access</i> , 2017, 5, 22844-22854.	2.6	20

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55	Multiple trials in event related fMRI for different conditions. , 2017, , .		0
56	Classification of fMRI data using support vector machine and convolutional neural network. , 2017, , .		3
57	Adaptive feature learning CNN for behavior recognition in crowd scene. , 2017, , .		9
58	MRMR based feature selection for the classification of stress using EEG. , 2017, , .		8
59	Estimation of non-contact smartphone video-based vital sign monitoring using filtering and standard color conversion techniques. , 2017, , .		5
60	EEG analysis of color effects using effective connectivity based on graph theory during a multimedia learning task. , 2017, , .		3
61	A physiological index for situational interest in classroom settings using EEG (preliminary result). , 2017, , .		3
62	Pedestrian group attributes detection in crowded scenes. , 2017, , .		2
63	Passive Polarized and Active Shutter 3D TVs. , 2017, , 87-103.		0
64	Visually Induced Motion Sickness. , 2017, , 147-159.		1
65	Designing an EEG Experiment. , 2017, , 1-30.		17
66	The Influences of Emotion on Learning and Memory. <i>Frontiers in Psychology</i> , 2017, 8, 1454.	1.1	658
67	Novel health monitoring method using an RGB camera. <i>Biomedical Optics Express</i> , 2017, 8, 4838.	1.5	26
68	Mental Stress. , 2017, , 31-46.		1
69	Visual and Cognitive Fatigue During Learning. , 2017, , 123-135.		4
70	Feature Selection and Classification of Ulcerated Lesions Using Statistical Analysis for WCE Images. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1097.	1.3	26
71	Classification of EEG Signals Based on Pattern Recognition Approach. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 103.	1.2	137
72	Alcohol Addiction. , 2017, , 75-85.		1

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73	Driversâ€™ Drowsiness. , 2017, , 181-190.		1
74	Mobile Phone Calls. , 2017, , 161-170.		0
75	Driversâ€™ Cognitive Distraction. , 2017, , 171-180.		0
76	Working Memory and Attention. , 2017, , 191-202.		0
77	3D Video Games. , 2017, , 137-146.		0
78	Major Depressive Disorder. , 2017, , 47-61.		0
79	Epileptic Seizures. , 2017, , 63-74.		0
80	2D and 3D Educational Contents. , 2017, , 105-122.		0
81	Sparse Representation for Crowd Attributes Recognition. IEEE Access, 2017, 5, 10422-10433.	2.6	6
82	A wavelet-based technique to predict treatment outcome for Major Depressive Disorder. PLoS ONE, 2017, 12, e0171409.	1.1	120
83	Electroencephalogram-based decoding cognitive states using convolutional neural network and likelihood ratio based score fusion. PLoS ONE, 2017, 12, e0178410.	1.1	30
84	Hyperspectral image analysis for subcutaneous veins localization. , 2017, , 359-408.		0
85	Automated System for Acne Vulgaris Grading Using Self-Organizing Map. Journal of Medical Imaging and Health Informatics, 2017, 7, 1705-1713.	0.2	1
86	Real-time processing for shape-from-focus techniques. Journal of Real-Time Image Processing, 2016, 11, 49-62.	2.2	8
87	A System for True and False Memory Prediction Based on 2D and 3D Educational Contents and EEG Brain Signals. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.1	7
88	EEG-based brain source localization using visual stimuli. International Journal of Imaging Systems and Technology, 2016, 26, 55-64.	2.7	10
89	Underwater image enhancement by wavelet based fusion. , 2016, , .		28
90	Difference in brain dynamics during arithmetic task performed in stress and control conditions. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
91	Detection and classification of bleeding using statistical color features for wireless capsule endoscopy images. , 2016, , .		5
92	Control of autonomous underwater vehicle based on visual feedback for pipeline inspection. , 2016, , .		3
93	Neurofeedback training content for treatment of stress. , 2016, , .		3
94	An evaluation of optical flow algorithms for crowd analytics in surveillance system. , 2016, , .		6
95	EEG coherence and source localization analysis during multimedia learning process. , 2016, , .		1
96	EEG spectral analysis and functional connectivity during learning of science concepts. , 2016, , .		4
97	A simplified method for forearm subcutaneous veins depth estimation. , 2016, , .		1
98	Using resting state coherence to distinguish between low and high stress groups. , 2016, , .		3
99	Enhanced people counting system based head-shoulder detection in dense crowd scenario. , 2016, , .		9
100	Automatic detection and removal of bubble frames from wireless capsule endoscopy video sequences. , 2016, , .		2
101	Towards health monitoring in visual surveillance. , 2016, , .		2
102	Evaluation of rehearsal effects of multimedia content based on EEG using machine learning algorithms. , 2016, , .		2
103	The correlation between EEG asymmetry and memory performance during semantic memory recall. , 2016, , .		3
104	Underwater image enhancement and dehazing using wavelet based fusion for pipeline corrosion inspection. , 2016, , .		2
105	MSP based source localization using EEG signals. , 2016, , .		4
106	Machine learning approach for classifying the cognitive states of the human brain with functional magnetic resonance imaging (fMRI). , 2016, , .		1
107	Evaluation metric for rate of background detection. , 2016, , .		1
108	Effect of color feature normalization on segmentation of color images. , 2016, , .		0

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109	Simultaneous EEG-fMRI for working memory of the human brain. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 363-378.	1.4	21
110	Automatic diagnosis of alcohol use disorder using EEG features. Knowledge-Based Systems, 2016, 105, 48-59.	4.0	42
111	Proposed face recognition system after plastic surgery. IET Computer Vision, 2016, 10, 344-350.	1.3	17
112	Classification of cognitive and resting states of the brain using EEG features. , 2016, , .		12
113	Role of voxel selection and ROI in fMRI data analysis. , 2016, , .		6
114	Behavior representation in visual crowd scenes using space-time features. , 2016, , .		5
115	Investigation of situational interest effects on learning using physiological sensors: Preliminary result. , 2016, , .		2
116	A Novel Approach Based on Data Redundancy for Feature Extraction of EEG Signals. Brain Topography, 2016, 29, 207-217.	0.8	36
117	Peer to peer trade in HTM5 meta model for agent oriented cloud robotic systems. Peer-to-Peer Networking and Applications, 2016, 9, 328-343.	2.6	2
118	Single Trial EEG Patterns for the Prediction of Individual Differences in Fluid Intelligence. Frontiers in Human Neuroscience, 2016, 10, 687.	1.0	7
119	Ulcer Detection and Classification of Wireless Capsule Endoscopy Images Using RGB Masking. Advanced Science Letters, 2016, 22, 2764-2768.	0.2	7
120	Segmentation of acne lesion using fuzzy C-means technique with intelligent selection of the desired cluster. , 2015, 2015, 3077-80.		11
121	BEM based solution of forward problem for brain source estimation. , 2015, , .		10
122	fMRI based brain state analysis of visual activities. , 2015, , .		0
123	Design of digital elevation model based on orthorectified satellite stereo images. , 2015, , .		1
124	Subcutaneous veins depth estimation method using Monte Carlo simulations. , 2015, , .		2
125	Nonlinear features based classification of active and resting states of human brain using EEG. , 2015, , .		0
126	A comparison of brain regions based on EEG during multimedia learning cognitive activity. , 2015, , .		2

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127	A statistical analysis on learning and non-learning mental states using EEG. , 2015, , .		2
128	Functional connectivity of EEG regional delta and inter-regional gamma activity correlates with memory recall. , 2015, , .		4
129	Evaluation of optimization algorithms for sparse and redundant dictionaries. , 2015, , .		2
130	EEG-based brain connectivity analysis of working memory and attention. , 2015, , .		4
131	P300 correlates with learning & memory abilities and fluid intelligence. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 87.	2.4	69
132	Designing of disparity map based on hierarchical dynamic programming using satellite stereo imagery. , 2015, , .		2
133	Performance comparison of clustering techniques in detection of dominant flow field in crowded scene. , 2015, , .		1
134	Machine Learning to Differentiate Between Positive and Negative Emotions Using Pupil Diameter. Frontiers in Psychology, 2015, 6, 1921.	1.1	18
135	Experimental evidence for the effects of the Demand-Control model on the cognitive arousal: An EEG based study. , 2015, 2015, 6038-41.		1
136	Design of dictionary based on Discrete Tchebichef Transform. , 2015, , .		1
137	Near-infrared vessels image enhancement using segmentation and fusion technique. , 2015, , .		3
138	Detrended fluctuation analysis for major depressive disorder. , 2015, 2015, 4162-5.		11
139	Motion estimation of crowd flow using optical flow techniques: A review. , 2015, , .		17
140	Identification of power poles based on satellite stereo images using graph-cut algorithm. , 2015, , .		1
141	Evaluation of digital elevation model using rational polynomial coefficient based on HR Pleiades satellite stereo imagery. , 2015, , .		3
142	Combined geometric and texture features for face recognition. , 2015, , .		0
143	Importance of realignment parameters in fMRI data analysis. , 2015, , .		2
144	EEG-based brain functional connectivity during distracted driving. , 2015, , .		4

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145	Designing of overcomplete dictionaries based on DCT and DWT. , 2015, , .		6
146	P300 intensities and latencies for major depressive disorder detection. , 2015, , .		3
147	Somatosensory source localization for the magnetoencephalography (MEG) inverse problem in patients with brain tumor. , 2015, , .		1
148	Prototype design for wearable veins localization system using near infrared imaging technique. , 2015, , .		21
149	Subcutaneous veins detection and backprojection method using Frangi vesselness filter. , 2015, , .		5
150	An EMD Based Method for Reduction of Ballistocardiogram Artifact from EEG Studies of Evoked Potentials. , 2015, , .		1
151	Disparity map estimation based on optimization algorithms using satellite stereo imagery. , 2015, , .		2
152	EEG-fMRI combination for better understanding of brain functions: Pros and cons. , 2015, , .		2
153	Comparison of digital elevation models based on high resolution satellite stereo imagery. , 2015, , .		2
154	EEG based time and frequency dynamics analysis of visually induced motion sickness (VIMS). Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 721-729.	1.4	46
155	r-principal subspace for driver cognitive state classification. , 2015, 2015, 4118-21.		0
156	Object categories specific brain activity classification with simultaneous EEG-fMRI. , 2015, 2015, 1825-8.		2
157	Effects of stereoscopic 3D display technology on event-related potentials (ERPs). , 2015, , .		10
158	Evaluation of passive polarized stereoscopic 3D display for visual & mental fatigues. , 2015, 2015, 7590-3.		14
159	Digital Image Processing and Analysis for Activated Sludge Wastewater Treatment. Advances in Experimental Medicine and Biology, 2015, 823, 227-248.	0.8	23
160	Feature extraction and classification for EEG signals using wavelet transform and machine learning techniques. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 139-149.	1.4	220
161	Review on EEG and ERP predictive biomarkers for major depressive disorder. Biomedical Signal Processing and Control, 2015, 22, 85-98.	3.5	57
162	A system based on 3D and 2D educational contents for true and false memory prediction using EEG signals. , 2015, , .		2

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163	Age-Invariant Face Recognition Using Triangle Geometric Features. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1556006.	0.7	7
164	EEG based evaluation of stereoscopic 3D displays for viewer discomfort. BioMedical Engineering OnLine, 2015, 14, 21.	1.3	34
165	Dynamic electronic institutions in agent oriented cloud robotic systems. SpringerPlus, 2015, 4, 103.	1.2	4
166	Decoding of visual information from human brain activity: A review of fMRI and EEG studies. Journal of Integrative Neuroscience, 2015, 14, 155-168.	0.8	15
167	A novel method for vegetation encroachment monitoring of transmission lines using a single 2D camera. Pattern Analysis and Applications, 2015, 18, 419-440.	3.1	25
168	Disaster monitoring in urban and remote areas using satellite stereo images: A depth estimation approach. , 2015, , .		4
169	Electroencephalography Simulation Hardware for Realistic Seizure, Preseizure and Normal Mode Signal Generation. Journal of Medical Imaging and Health Informatics, 2015, 5, 43-49.	0.2	1
170	Optimization and development of concurrent EEG-fMRI data acquisition setup for understanding neural mechanisms of brain. , 2015, , .		7
171	Reliability of bench-mark datasets for crowd analytic surveillance. , 2015, , .		5
172	Segmentation of satellite imagery based on pulse-coupled neural network. , 2015, , .		2
173	Discrimination of Brain States Using Wavelet and Power Spectral Density. Lecture Notes in Computer Science, 2015, , 341-347.	1.0	1
174	Multinuclear MR and Multilevel Data Processing. Academic Radiology, 2015, 22, 93-104.	1.3	6
175	Trust management system in wireless sensor networks: design considerations and research challenges. Transactions on Emerging Telecommunications Technologies, 2015, 26, 107-130.	2.6	42
176	Non-invasive and in vivo assessment of osteoarthritic articular cartilage: a review on MRI investigations. Rheumatology International, 2015, 35, 1-16.	1.5	26
177	Tracking of EEG Activity Using Motion Estimation to Understand Brain Wiring. Advances in Experimental Medicine and Biology, 2015, 823, 159-174.	0.8	3
178	Optimum Colour Space Selection for Ulcerated Regions Using Statistical Analysis and Classification of Ulcerated Frames from WCE Video Footage. Lecture Notes in Computer Science, 2015, , 373-381.	1.0	3
179	Power LinesVegetation encroachment monitoring based on Satellite Stereo images using stereo matching. , 2014, , .		4
180	An adaptive motion estimation algorithm for irregular motion of objects. , 2014, , .		0

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181	A new approach for error minimization of piezoelectric sensor output variations using fuzzy logic. , 2014, , .		0
182	Weighted-permutation entropy as complexity measure for electroencephalographic time series of different physiological states. , 2014, , .		5
183	Studying the Effects of 2D and 3D Educational Contents on Memory Recall Using EEG Signals, PCA and Statistical Features. , 2014, , .		2
184	Segmentation assessment of activated sludge flocs at different magnifications for wastewater treatment. , 2014, , .		5
185	Design and development of simultaneous EEG-fMRI data acquisition setup to observe brain activity. , 2014, , .		0
186	Monitoring of vegetation near power lines based on dynamic programming using satellite stereo images. , 2014, , .		6
187	Topographic map analysis for driver cognitive distraction. , 2014, , .		1
188	A combined face, fingerprint authentication system. , 2014, , .		2
189	EEG based brain source localization comparison of sLORETA and eLORETA. Australasian Physical and Engineering Sciences in Medicine, 2014, 37, 713-721.	1.4	101
190	Compensation for specular illumination in acne patients images using median filter. , 2014, , .		0
191	Novel techniques for enhancement and segmentation of acne vulgaris lesions. Skin Research and Technology, 2014, 20, 322-331.	0.8	7
192	A framework for real time indoor robot navigation using Monte Carlo Localization and ORB feature detection. , 2014, , .		6
193	Reference-free reduction of ballistocardiogram artifact from EEG data using EMD-PCA. , 2014, , .		4
194	Foreground extraction for real-time crowd analytics in surveillance system. , 2014, , .		2
195	Intelligent Fuzzy Classifier for pre-seizure detection from real epileptic data. , 2014, , .		0
196	Subspace-based technique for speckle noise reduction in ultrasound images. BioMedical Engineering OnLine, 2014, 13, 154.	1.3	10
197	Discriminating the different human brain states with EEG signals using Fractal dimension: A nonlinear approach. , 2014, , .		6
198	Brain Behavior in Learning and Memory Recall Process: A High-Resolution EEG Analysis. IFMBE Proceedings, 2014, , 683-686.	0.2	22

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199	Brain behavior during reasoning and problem solving task: An EEG study. , 2014, , .		4
200	EEG topographical maps analysis for 2D and 3D video game play. , 2014, , .		6
201	EEG based driver cognitive distraction assessment. , 2014, , .		7
202	Mixture of Gaussian based background modelling for crowd tracking using multiple cameras. , 2014, , .		2
203	Simultaneous EEG-fMRI data acquisition during cognitive task. , 2014, , .		5
204	Morphological analysis of activated sludge flocs and filaments. , 2014, , .		13
205	Mental task motor imagery classifications for noninvasive brain computer interface. , 2014, , .		8
206	Singular values as a detector of epileptic seizures in EEG signals. , 2014, , .		1
207	An efficient method for subcutaneous veins localization using Near Infrared imaging. , 2014, , .		4
208	Digital assessment of facial acne vulgaris. , 2014, , .		12
209	EEG alpha power: An indicator of visual fatigue. , 2014, , .		3
210	Subspace-Based Technique for Speckle Noise Reduction in SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6257-6271.	2.7	30
211	Detection of partial seizure: An application of fuzzy rule system for wearable ambulatory systems. , 2014, , .		1
212	Rule-base wearable embedded platform for seizure detection from real EEG data in ambulatory state. , 2014, , .		1
213	Compressed VFH descriptor for 3D object classification. , 2014, , .		4
214	Deep in thought while driving: An EEG study on driversâ€™ cognitive distraction. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 26, 218-226.	1.8	75
215	Hyperspectral venous image quality assessment for optimum illumination range selection based on skin tone characteristics. BioMedical Engineering OnLine, 2014, 13, 109.	1.3	28
216	Differentiation of pupillary signals using statistical and functional analysis. , 2014, , .		3

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217	A survey of methods used for source localization using EEG signals. Biomedical Signal Processing and Control, 2014, 11, 42-52.	3.5	133
218	Recovery of color loss due to specular illumination in Acne patient images. , 2014, , .		2
219	EEG spectral analysis during complex cognitive task at occipital. , 2014, , .		10
220	Dynamic programming based comparison including QuickBird and IKONOS satellite stereo images for monitoring vegetation near power poles. , 2014, , .		2
221	Image Enhancement Using Geometric Mean Filter and Gamma Correction for WCE Images. Lecture Notes in Computer Science, 2014, , 276-283.	1.0	14
222	A Review on Subcutaneous Veins Localization Using Imaging Techniques. Current Medical Imaging, 2014, 10, 125-133.	0.4	15
223	A Hybrid Method to Improve the Reduction of Ballistocardiogram Artifact from EEG Data. Lecture Notes in Computer Science, 2014, , 186-193.	1.0	2
224	3D shape from focus using LULU operators and discrete pulse transform in the presence of noise. Journal of Visual Communication and Image Representation, 2013, 24, 303-317.	1.7	7
225	Dual-purpose semi-fragile watermark: Authentication and recovery of digital images. Computers and Electrical Engineering, 2013, 39, 2019-2030.	3.0	17
226	Physiological assessment of in vivo human knee articular cartilage using sodium MR imaging at 1.5T. Magnetic Resonance Imaging, 2013, 31, 1059-1067.	1.0	15
227	Biomarker Development on Alcohol Addiction Using EEG. Lecture Notes in Computer Science, 2013, , 199-206.	1.0	0
228	3D hand recognition for telerobotics. , 2013, , .		6
229	Survey and Evaluation of Automated Model Generation Techniques for High Level Modeling and High Level Fault Modeling. Journal of Electronic Testing: Theory and Applications (JETTA), 2013, 29, 861-877.	0.9	4
230	Epileptic seizure detection using the singular values of EEG signals. , 2013, , .		19
231	Parametric modeling of EEG signals with real patient data for simulating seizures and pre-seizures. , 2013, , .		1
232	An Auto-Operated Telepresence System for the Nao Humanoid Robot. , 2013, , .		8
233	Effects of stereoscopic screen disparity on pupil diameter. , 2013, , .		4
234	Non-conscious behavior in emotion recognition: Gender effect. , 2013, , .		6

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235	Lung nodule detection using multi-resolution analysis. , 2013, , .		19
236	Spiral path simulation of pedestrian flow during Tawaf. , 2013, , .		2
237	EEG classification of physiological conditions in 2D/3D environments using neural network. , 2013, 2013, 4235-8.		7
238	Vegetation encroachment monitoring for transmission lines right-of-ways: A survey. Electric Power Systems Research, 2013, 95, 339-352.	2.1	89
239	Representing EEG source localization using Finite Element Method. , 2013, , .		8
240	Pupillary behavior in positive and negative emotions. , 2013, , .		13
241	Introducing the Concept of Hyperactivity in Multi Agent Systems. , 2013, , .		2
242	A brain computer interface for smart home control. , 2013, , .		33
243	A method for automatic removal of eye blink artifacts from EEG based on EMD-ICA. , 2013, , .		19
244	Fusion of multinuclear magnetic resonance images of knee for the assessment of articular cartilage. , 2013, 2013, 6466-9.		5
245	An overview of LULU operators and discrete pulse transform for image analysis. Imaging Science Journal, 2013, 61, 146-159.	0.2	2
246	Fast directional search algorithm for fractional pixel motion estimation for H.264 AVC. Journal of Electronic Imaging, 2013, 22, 033018.	0.5	2
247	Dynamics of Scalp Potential and Autonomic Nerve Activity during Intelligence Test. Lecture Notes in Computer Science, 2013, , 9-16.	1.0	10
248	EEG mean power and complexity analysis during complex mental task. , 2013, , .		18
249	A proposed frame work for real time epileptic seizure prediction using scalp EEG. , 2013, , .		9
250	Multispectral venous images analysis for optimum illumination selection. , 2013, , .		6
251	Quantification of physiological disparities and task performance in stress and control conditions. , 2013, 2013, 2060-3.		14
252	Ensemble averaging subspace-based approach for ERP extraction. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
253	Analysis of EEG signals regularity in adults during video game play in 2D and 3D. , 2013, 2013, 2064-7.		14
254	Automated Model Generation of Analog Circuits through Modified Trajectory Piecewise Linear Approach with Cheby Shev Newton Interpolating Polynomials. , 2013, , .		1
255	Does 3D produce more symptoms of visually induced motion sickness?. , 2013, 2013, 6405-8.		36
256	Scale- invariant face recognition using triangular geometrical model. , 2013, , .		0
257	Brain computer interface for operating a robot. , 2013, , .		2
258	Noise Robustness Analysis of Point Cloud Descriptors. Lecture Notes in Computer Science, 2013, , 68-79.	1.0	3
259	A Geometrical Approach for Age-Invariant Face Recognition. Lecture Notes in Computer Science, 2013, , 81-96.	1.0	3
260	Reduction of Ballistocardiogram Artifact Using EMD-AF. Lecture Notes in Computer Science, 2013, , 533-540.	1.0	2
261	Parallelization of Discrete Cosine Transform in Shape from Focus. Advanced Science Letters, 2013, 19, 1459-1462.	0.2	2
262	Investigation of Low Back Pain Using System Modeling. Advanced Science Letters, 2013, 19, 1260-1264.	0.2	2
263	Age-Invariant Face Recognition Technique Using Facial Geometry. Communications in Computer and Information Science, 2013, , 89-98.	0.4	0
264	Association of Electroencephalogram Scalp Potential with Autonomic Nervous System. Advanced Science Letters, 2013, 19, 1340-1344.	0.2	2
265	A Novel Algorithm for Automated Model Generation of Analog Circuits Using Chebyshev-Newton Interpolation. Advanced Science Letters, 2013, 19, 1520-1524.	0.2	0
266	Fault Modeling of Analog Circuits Using System Identification Automated Model Generation Approaches from SPICE Level Descriptions. Advanced Science Letters, 2013, 19, 1276-1280.	0.2	0
267	Segmentation of Acne Vulgaris Lesion Based on Spectral Models of RGB Pixels. Advanced Science Letters, 2013, 19, 1463-1466.	0.2	0
268	Human memory retention and recall processes. A review of EEG and fMRI studies. Neurosciences, 2013, 18, 330-44.	0.1	13
269	On low back pain: Identification of structural changes in system parameters for fatigue loaded intervertebral disc using PCA. , 2012, , .		1
270	Association of Autonomic Nervous System and EEG Scalp Potential During Playing 2D Grand Turismo 5. , 2012, 2012, 3420-3.		18

#	ARTICLE	IF	CITATIONS
271	A pre-processing approach for efficient feature matching process in extreme illumination scenario. , 2012, , .		1
272	Tone mapping of HDR images: A review. , 2012, , .		28
273	Speckle noise filtering based on signal subspace technique. , 2012, , .		0
274	Agent Relation Charts (ARCs) for Modeling Cloud Based Transactions. , 2012, , .		3
275	Disparity in brain dynamics for video games played on small and large displays. , 2012, , .		3
276	Effect of movie clips on human brain. , 2012, , .		2
277	Investigating brain activation with respect to playing video games on large screens. , 2012, , .		9
278	Functional models of neural circuits for pathophysiology of major depressive disorder. , 2012, , .		0
279	Association of mental stress with video games. , 2012, , .		15
280	Comparison of independent component analysis algorithms for EEG-fMRI data fusion. , 2012, , .		1
281	Improved feature matching technique in low overlap area. , 2012, , .		0
282	Haemoglobin distribution in ulcers for healing assessment. , 2012, , .		14
283	Localization of acne lesion through template matching. , 2012, , .		7
284	Performance evaluation of nonlinear automated model generation approaches for high level fault modeling. , 2012, , .		0
285	High level fault modeling and fault propagation in analog circuits using NLARX automated model generation technique. , 2012, , .		7
286	Speckle reduction of SAR images based on signal subspace technique. , 2012, , .		1
287	Depth and Geometry from a Single 2D Image Using Triangulation. , 2012, , .		16
288	Performance evaluation of dual tuned knee coil ($^{23}\text{Na}/^{1}\text{H}$) for articular cartilage imaging on 1.5Tesla MRI. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
289	Bimodal dispersion of silver nanoparticles for conducting polymer. , 2012, , .		0
290	Brain activation during cognitive tasks: An overview of EEG and fMRI studies. , 2012, , .		17
291	Acne analysis, grading and computational assessment methods: an overview. Skin Research and Technology, 2012, 18, 1-14.	0.8	101
292	Content adaptive fast motion estimation based on spatio-temporal homogeneity analysis and motion classification. Pattern Recognition Letters, 2012, 33, 52-61.	2.6	22
293	Complexity Analysis of EEG Data during Rest State and Visual Stimulus. Lecture Notes in Computer Science, 2012, , 84-91.	1.0	5
294	3D Tracking using particle filters. , 2011, , .		5
295	Assessment of chronic ulcers using digital imaging. , 2011, , .		7
296	Stochastic filters for object tracking. , 2011, , .		4
297	Development of a non-invasive diagnostic tool for early detection of knee osteoarthritis. , 2011, , .		4
298	Depth estimation using monocular cues from single image. , 2011, , .		7
299	Identification of acne lesions, scars and normal skin for acne vulgaris cases. , 2011, , .		8
300	3D object tracking using three Kalman filters. , 2011, , .		5
301	Features and modalities for assessing early knee osteoarthritis. , 2011, , .		3
302	Segmentation of Acne Vulgaris Lesions. , 2011, , .		12
303	A joint watermarking and encryption scheme for DCT based codecs. , 2011, , .		5
304	Proposed framework of Intelligent Video Automatic Target Recognition System (IVATRs). , 2011, , .		3
305	Velocity field measurement of a round jet using quantitative schlieren. Applied Optics, 2011, 50, 618.	2.1	4
306	Multilevel thresholding for segmentation of pigmented skin lesions. , 2011, , .		13

#	ARTICLE	IF	CITATIONS
307	A Fuzzy-Neural approach for estimation of depth map using focus. Applied Soft Computing Journal, 2011, 11, 1837-1850.	4.1	15
308	Energy consumption balancing (ECB) issues and mechanisms in wireless sensor networks (WSNs): a comprehensive overview. European Transactions on Telecommunications, 2011, 22, 151-167.	1.2	97
309	Depth map estimation based on linear regression using image focus. International Journal of Imaging Systems and Technology, 2011, 21, 241-246.	2.7	1
310	Comparison of stochastic filtering methods for 3D tracking. Pattern Recognition, 2011, 44, 2711-2737.	5.1	36
311	Vegetation monitoring for high-voltage transmission line corridors using satellite stereo images. , 2011, , .		4
312	Multispectral and thermal images for acne vulgaris classification. , 2011, , .		2
313	Effective techniques for vegetation monitoring of transmission lines right-of-ways. , 2011, , .		11
314	A subspace-based technique for image noise reduction. , 2011, , .		1
315	SVD analysis of dynamic properties for fatigue loaded intervertebral disc. , 2011, , .		2
316	Evaluation of mental stress using physiological signals. , 2011, , .		5
317	A review of SMD-PCB defects and detection algorithms. , 2011, , .		6
318	Subspace-based technique for image denoising. , 2011, , .		1
319	Noise reduction using mean shift algorithm for estimating 3D shape. Imaging Science Journal, 2011, 59, 267-273.	0.2	12
320	Gas Flame Temperature Measurement Using Background Oriented Schlieren. Journal of Applied Sciences, 2011, 11, 1658-1662.	0.1	14
321	Survey of NLOS identification and error mitigation problems in UWB-based positioning algorithms for dense environments. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 301-311.	1.6	163
322	Selection of window size for focus measure processing. , 2010, , .		3
323	Pre-processing for noise reduction in depth estimation. Proceedings of SPIE, 2010, , .	0.8	5
324	A subspace approach for restoring image corrupted by white noise. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
325	An algorithm for vehicle detection and tracking. , 2010, , .		12
326	Designing a joint perceptual encryption and blind watermarking scheme compliant with JPEG compression standard. , 2010, , .		4
327	On Perceptual Encryption: Variants of DCT Block Scrambling Scheme for JPEG Compressed Images. Communications in Computer and Information Science, 2010, , 212-223.	0.4	8
328	Proposed technique for aircraft recognition in Intelligent Video Automatic Target Recognition System (IVATRs). , 2010, , .		3
329	A pulse sequence for improving MRI images. , 2009, , .		0
330	Simulation-based analysis of the resolution and SNR properties of partial k-space EPI. Concepts in Magnetic Resonance Part B, 2009, 35B, 232-237.	0.3	17
331	Accurate shape from focus based on focus adjustment in optical microscopy. Microscopy Research and Technique, 2009, 72, 362-370.	1.2	25
332	Comparison of Polymers: A New Application of Shape From Focus. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 246-250.	3.3	22
333	Analysis of Effects of Texture Reflectance and Source Illumination on Focus Measures for Microscopic Images. , 2009, , .		1
334	Differentiating Honeycombed Images from Normal HRCT Lung Images. IEICE Transactions on Information and Systems, 2009, E92-D, 1218-1221.	0.4	4
335	A novel algorithm for estimation of depth map using image focus for 3D shape recovery in the presence of noise. Pattern Recognition, 2008, 41, 2200-2225.	5.1	111
336	Affects of illumination on 3D shape recovery. , 2008, , .		1
337	Finding best focused points using intersection of two lines. , 2008, , .		10
338	EFFECT OF NOISE AND SOURCE ILLUMINATION ON 3D SHAPE RECOVERY. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 945-958.	0.7	20
339	A Fast Algorithm for 3D Camera Using Pixel-Intensities as a Model for Depth Measurement. , 2008, , .		2
340	Reducing intricacy of 3D space for 3D camera. , 2008, , .		1
341	Estimation of depth map based on focus adjustment. Proceedings of SPIE, 2008, , .	0.8	2
342	Estimating surface roughness using image focus. Proceedings of SPIE, 2008, , .	0.8	1

#	ARTICLE	IF	CITATIONS
343	Depth Estimation by Finding Best Focused Points Using Line Fitting. Lecture Notes in Computer Science, 2008, , 120-127.	1.0	6
344	Estimating 3D-Shape using fuzzy-neuro logic for a 3-dimensional camera. , 2007, , .		0
345	Application of Passive Techniques for Three Dimensional Cameras. IEEE Transactions on Consumer Electronics, 2007, 53, 258-264.	3.0	41
346	Depth Map Estimation using a Robust Focus Measure. , 2007, , .		13
347	Multiple Initial Point Prediction based Block Motion Estimation Algorithm. , 2007, , .		0
348	Consideration of illumination effects and optimization of window size for accurate calculation of depth map for 3D shape recovery. Pattern Recognition, 2007, 40, 154-170.	5.1	116
349	Noise Analysis for Depth Estimation. , 2007, , 328-337.		0
350	Rectification of Illumination in Images Used for Shape from Focus. Lecture Notes in Computer Science, 2006, , 166-175.	1.0	2
351	A Novel Algorithm for Segmentation of Lung Images. Lecture Notes in Computer Science, 2006, , 346-357.	1.0	2
352	A robust algorithm for estimation of depth map for 3D shape recovery. , 2006, , .		1
353	3D shape recovery from image defocus using wavelet analysis. , 2005, , .		17
354	Classification of medical images using energy information obtained from wavelet transform for medical image retrieval. , 0, , .		2
355	Concentration measurement of injected gaseous fuel using quantitative schlieren and optical tomography. Journal of the European Optical Society-Rapid Publications, 0, 5, .	0.9	10
356	Comparison of Focus Measures under the Influence of Various Factors Effecting their Performance. , 0, , 163-188.		1
357	Vegetation Height Estimation Near Power transmission poles Via satellite Stereo Images using 3D Depth Estimation Algorithms. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 489-494.	0.2	2
358	Embedded Wearable EEG Seizure Detection in Ambulatory State. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
359	Introduction to 3D Imaging. , 0, , 1-8.		0