

# Aamir Saeed Malik

## List of Publications by Year in descending order

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359  
papers

5,708  
citations

126907

33  
h-index

118850

62  
g-index

370  
all docs

370  
docs citations

370  
times ranked

5678  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influences of Emotion on Learning and Memory. <i>Frontiers in Psychology</i> , 2017, 8, 1454.	2.1	658
2	Feature extraction and classification for EEG signals using wavelet transform and machine learning techniques. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015, 38, 139-149.	1.3	220
3	Machine Learning Framework for the Detection of Mental Stress at Multiple Levels. <i>IEEE Access</i> , 2017, 5, 13545-13556.	4.2	166
4	Survey of NLOS identification and error mitigation problems in UWB-based positioning algorithms for dense environments. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2010, 65, 301-311.	2.5	163
5	Electroencephalogram (EEG)-based computer-aided technique to diagnose major depressive disorder (MDD). <i>Biomedical Signal Processing and Control</i> , 2017, 31, 108-115.	5.7	139
6	Classification of EEG Signals Based on Pattern Recognition Approach. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 103.	2.1	137
7	Heart rate estimation using facial video: A review. <i>Biomedical Signal Processing and Control</i> , 2017, 38, 346-360.	5.7	135
8	A survey of methods used for source localization using EEG signals. <i>Biomedical Signal Processing and Control</i> , 2014, 11, 42-52.	5.7	133
9	A wavelet-based technique to predict treatment outcome for Major Depressive Disorder. <i>PLoS ONE</i> , 2017, 12, e0171409.	2.5	120
10	Consideration of illumination effects and optimization of window size for accurate calculation of depth map for 3D shape recovery. <i>Pattern Recognition</i> , 2007, 40, 154-170.	8.1	116
11	A machine learning framework involving EEG-based functional connectivity to diagnose major depressive disorder (MDD). <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 233-246.	2.8	114
12	A novel algorithm for estimation of depth map using image focus for 3D shape recovery in the presence of noise. <i>Pattern Recognition</i> , 2008, 41, 2200-2225.	8.1	111
13	Acne analysis, grading and computational assessment methods: an overview. <i>Skin Research and Technology</i> , 2012, 18, 1-14.	1.6	101
14	EEG based brain source localization comparison of sLORETA and eLORETA. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2014, 37, 713-721.	1.3	101
15	Energy consumption balancing (ECB) issues and mechanisms in wireless sensor networks (WSNs): a comprehensive overview. <i>European Transactions on Telecommunications</i> , 2011, 22, 151-167.	1.2	97
16	A Review on EEG-Based Automatic Sleepiness Detection Systems for Driver. <i>IEEE Access</i> , 2018, 6, 22908-22919.	4.2	94
17	Vegetation encroachment monitoring for transmission lines right-of-ways: A survey. <i>Electric Power Systems Research</i> , 2013, 95, 339-352.	3.6	89
18	Deep in thought while driving: An EEG study on drivers's cognitive distraction. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 26, 218-226.	3.7	75

#	ARTICLE	IF	CITATIONS
19	P300 correlates with learning & memory abilities and fluid intelligence. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 87.	4.6	69
20	An EEG-based machine learning method to screen alcohol use disorder. Cognitive Neurodynamics, 2017, 11, 161-171.	4.0	60
21	Review on EEG and ERP predictive biomarkers for major depressive disorder. Biomedical Signal Processing and Control, 2015, 22, 85-98.	5.7	57
22	An EEG-Based Cognitive Load Assessment in Multimedia Learning Using Feature Extraction and Partial Directed Coherence. IEEE Access, 2017, 5, 14819-14829.	4.2	55
23	A physiological signal-based method for early mental-stress detection. Biomedical Signal Processing and Control, 2018, 46, 18-32.	5.7	51
24	An EEG-based functional connectivity measure for automatic detection of alcohol use disorder. Artificial Intelligence in Medicine, 2018, 84, 79-89.	6.5	47
25	EEG based time and frequency dynamics analysis of visually induced motion sickness (VIMS). Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 721-729.	1.3	46
26	Mitigation of stress: new treatment alternatives. Cognitive Neurodynamics, 2018, 12, 1-20.	4.0	43
27	Trust management system in wireless sensor networks: design considerations and research challenges. Transactions on Emerging Telecommunications Technologies, 2015, 26, 107-130.	3.9	42
28	Automatic diagnosis of alcohol use disorder using EEG features. Knowledge-Based Systems, 2016, 105, 48-59.	7.1	42
29	Application of Passive Techniques for Three Dimensional Cameras. IEEE Transactions on Consumer Electronics, 2007, 53, 258-264.	3.6	41
30	A review on EEG-based methods for screening and diagnosing alcohol use disorder. Cognitive Neurodynamics, 2018, 12, 141-156.	4.0	39
31	Scene classification for aerial images based on CNN using sparse coding technique. International Journal of Remote Sensing, 2017, 38, 2662-2685.	2.9	38
32	Comparison of stochastic filtering methods for 3D tracking. Pattern Recognition, 2011, 44, 2711-2737.	8.1	36
33	Does 3D produce more symptoms of visually induced motion sickness?. , 2013, 2013, 6405-8.		36
34	A Novel Approach Based on Data Redundancy for Feature Extraction of EEG Signals. Brain Topography, 2016, 29, 207-217.	1.8	36
35	EEG based evaluation of stereoscopic 3D displays for viewer discomfort. BioMedical Engineering OnLine, 2015, 14, 21.	2.7	34
36	A brain computer interface for smart home control. , 2013, , .		33

#	ARTICLE	IF	CITATIONS
37	Bleeding detection in wireless capsule endoscopy videos – Color versus texture features. Journal of Applied Clinical Medical Physics, 2019, 20, 141-154.	1.9	32
38	Subspace-Based Technique for Speckle Noise Reduction in SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6257-6271.	6.3	30
39	Electroencephalogram-based decoding cognitive states using convolutional neural network and likelihood ratio based score fusion. PLoS ONE, 2017, 12, e0178410.	2.5	30
40	Exploring EEG Effective Connectivity Network in Estimating Influence of Color on Emotion and Memory. Frontiers in Neuroinformatics, 2019, 13, 66.	2.5	29
41	Tone mapping of HDR images: A review. , 2012, , .		28
42	Hyperspectral venous image quality assessment for optimum illumination range selection based on skin tone characteristics. BioMedical Engineering OnLine, 2014, 13, 109.	2.7	28
43	Underwater image enhancement by wavelet based fusion. , 2016, , .		28
44	SVD-Based Tensor-Completion Technique for Background Initialization. IEEE Transactions on Image Processing, 2018, 27, 3114-3126.	9.8	27
45	Non-invasive and in vivo assessment of osteoarthritic articular cartilage: a review on MRI investigations. Rheumatology International, 2015, 35, 1-16.	3.0	26
46	Novel health monitoring method using an RGB camera. Biomedical Optics Express, 2017, 8, 4838.	2.9	26
47	Feature Selection and Classification of Ulcerated Lesions Using Statistical Analysis for WCE Images. Applied Sciences (Switzerland), 2017, 7, 1097.	2.5	26
48	Accurate shape from focus based on focus adjustment in optical microscopy. Microscopy Research and Technique, 2009, 72, 362-370.	2.2	25
49	A novel method for vegetation encroachment monitoring of transmission lines using a single 2D camera. Pattern Analysis and Applications, 2015, 18, 419-440.	4.6	25
50	EEG in classroom: EMD features to detect situational interest of students during learning. Multimedia Tools and Applications, 2019, 78, 16261-16281.	3.9	25
51	EEG Power and Functional Connectivity Correlates with Semantic Long-Term Memory Retrieval. IEEE Access, 2018, 6, 8695-8703.	4.2	24
52	Digital Image Processing and Analysis for Activated Sludge Wastewater Treatment. Advances in Experimental Medicine and Biology, 2015, 823, 227-248.	1.6	23
53	Visual feedback-based heading control of autonomous underwater vehicle for pipeline corrosion inspection. International Journal of Advanced Robotic Systems, 2017, 14, 172988141665817.	2.1	23
54	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.	2.9	22

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55	Content adaptive fast motion estimation based on spatio-temporal homogeneity analysis and motion classification. Pattern Recognition Letters, 2012, 33, 52-61.	4.2	22
56	Brain Behavior in Learning and Memory Recall Process: A High-Resolution EEG Analysis. IFMBE Proceedings, 2014, , 683-686.	0.3	22
57	Video-Based Heartbeat Rate Measuring Method Using Ballistocardiography. IEEE Sensors Journal, 2017, 17, 4544-4557.	4.7	22
58	Comparison of EEG signal decomposition methods in classification of motor-imagery BCI. Multimedia Tools and Applications, 2018, 77, 21305-21327.	3.9	22
59	Prototype design for wearable veins localization system using near infrared imaging technique. , 2015, , .		21
60	Simultaneous EEG-fMRI for working memory of the human brain. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 363-378.	1.3	21
61	EFFECT OF NOISE AND SOURCE ILLUMINATION ON 3D SHAPE RECOVERY. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 945-958.	1.2	20
62	Detection and Classification of Bleeding Region in WCE Images using Color Feature. , 2017, , .		20
63	Selection of Measurement Method for Detection of Driver Visual Cognitive Distraction: A Review. IEEE Access, 2017, 5, 22844-22854.	4.2	20
64	Epileptic seizure detection using the singular values of EEG signals. , 2013, , .		19
65	Lung nodule detection using multi-resolution analysis. , 2013, , .		19
66	A method for automatic removal of eye blink artifacts from EEG based on EMD-ICA. , 2013, , .		19
67	Association of Autonomic Nervous System and EEG Scalp Potential During Playing 2D Grand Turismo 5. , 2012, 2012, 3420-3.		18
68	EEG mean power and complexity analysis during complex mental task. , 2013, , .		18
69	Machine Learning to Differentiate Between Positive and Negative Emotions Using Pupil Diameter. Frontiers in Psychology, 2015, 6, 1921.	2.1	18
70	3D shape recovery from image defocus using wavelet analysis. , 2005, , .		17
71	Simulation-based analysis of the resolution and SNR properties of partial $k$ -space EPI. Concepts in Magnetic Resonance Part B, 2009, 35B, 232-237.	0.7	17
72	Brain activation during cognitive tasks: An overview of EEG and fMRI studies. , 2012, , .		17

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73	Dual-purpose semi-fragile watermark: Authentication and recovery of digital images. Computers and Electrical Engineering, 2013, 39, 2019-2030.	4.8	17
74	Motion estimation of crowd flow using optical flow techniques: A review. , 2015, , .		17
75	Proposed face recognition system after plastic surgery. IET Computer Vision, 2016, 10, 344-350.	2.0	17
76	Designing an EEG Experiment. , 2017, , 1-30.		17
77	Classification of Visual and Non-visual Learners Using Electroencephalographic Alpha and Gamma Activities. Frontiers in Behavioral Neuroscience, 2019, 13, 86.	2.0	17
78	Depth and Geometry from a Single 2D Image Using Triangulation. , 2012, , .		16
79	A Fuzzy-Neural approach for estimation of depth map using focus. Applied Soft Computing Journal, 2011, 11, 1837-1850.	7.2	15
80	Association of mental stress with video games. , 2012, , .		15
81	Physiological assessment of in vivo human knee articular cartilage using sodium MR imaging at 1.5T. Magnetic Resonance Imaging, 2013, 31, 1059-1067.	1.8	15
82	Decoding of visual information from human brain activity: A review of fMRI and EEG studies. Journal of Integrative Neuroscience, 2015, 14, 155-168.	1.7	15
83	Decoding of visual activity patterns from fMRI responses using multivariate pattern analyses and convolutional neural network. Journal of Integrative Neuroscience, 2018, 16, 275-289.	1.7	15
84	A Review on Subcutaneous Veins Localization Using Imaging Techniques. Current Medical Imaging, 2014, 10, 125-133.	0.8	15
85	Haemoglobin distribution in ulcers for healing assessment. , 2012, , .		14
86	Quantification of physiological disparities and task performance in stress and control conditions. , 2013, 2013, 2060-3.		14
87	Analysis of EEG signals regularity in adults during video game play in 2D and 3D. , 2013, 2013, 2064-7.		14
88	Evaluation of passive polarized stereoscopic 3D display for visual & mental fatigues. , 2015, 2015, 7590-3.		14
89	Discrimination of four class simple limb motor imagery movements for brain-computer interface. Biomedical Signal Processing and Control, 2018, 44, 181-190.	5.7	14
90	Modulation of sensorimotor rhythms for brain-computer interface using motor imagery with online feedback. Signal, Image and Video Processing, 2018, 12, 557-564.	2.7	14

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91	Image Enhancement Using Geometric Mean Filter and Gamma Correction for WCE Images. Lecture Notes in Computer Science, 2014, , 276-283.	1.3	14
92	Gas Flame Temperature Measurement Using Background Oriented Schlieren. Journal of Applied Sciences, 2011, 11, 1658-1662.	0.3	14
93	Depth Map Estimation using a Robust Focus Measure. , 2007, , .		13
94	Multilevel thresholding for segmentation of pigmented skin lesions. , 2011, , .		13
95	Pupillary behavior in positive and negative emotions. , 2013, , .		13
96	Morphological analysis of activated sludge flocs and filaments. , 2014, , .		13
97	Removal of BCG artefact from concurrent fMRI-EEG recordings based on EMD and PCA. Journal of Neuroscience Methods, 2017, 291, 150-165.	2.5	13
98	Human memory retention and recall processes. A review of EEG and fMRI studies. Neurosciences, 2013, 18, 330-44.	0.1	13
99	An algorithm for vehicle detection and tracking. , 2010, , .		12
100	Segmentation of Acne Vulgaris Lesions. , 2011, , .		12
101	Noise reduction using mean shift algorithm for estimating 3D shape. Imaging Science Journal, 2011, 59, 267-273.	0.5	12
102	Digital assessment of facial acne vulgaris. , 2014, , .		12
103	Classification of cognitive and resting states of the brain using EEG features. , 2016, , .		12
104	Effective techniques for vegetation monitoring of transmission lines right-of-ways. , 2011, , .		11
105	Segmentation of acne lesion using fuzzy C-means technique with intelligent selection of the desired cluster. , 2015, 2015, 3077-80.		11
106	Detrended fluctuation analysis for major depressive disorder. , 2015, 2015, 4162-5.		11
107	A Comparative Study of Different EEG Reference Choices for Diagnosing Unipolar Depression. Brain Topography, 2018, 31, 875-885.	1.8	11
108	Investigating Neurofeedback Protocols for Stress Mitigation: A Comparative Analysis of Different Stimulus Contents. IEEE Access, 2019, 7, 141021-141035.	4.2	11

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109	Finding best focused points using intersection of two lines. , 2008, , .		10
110	Concentration measurement of injected gaseous fuel using quantitative schlieren and optical tomography. Journal of the European Optical Society-Rapid Publications, 0, 5, .	1.9	10
111	Dynamics of Scalp Potential and Autonomic Nerve Activity during Intelligence Test. Lecture Notes in Computer Science, 2013, , 9-16.	1.3	10
112	Subspace-based technique for speckle noise reduction in ultrasound images. BioMedical Engineering OnLine, 2014, 13, 154.	2.7	10
113	EEG spectral analysis during complex cognitive task at occipital. , 2014, , .		10
114	BEM based solution of forward problem for brain source estimation. , 2015, , .		10
115	Effects of stereoscopic 3D display technology on event-related potentials (ERPs). , 2015, , .		10
116	EEG-based brain source localization using visual stimuli. International Journal of Imaging Systems and Technology, 2016, 26, 55-64.	4.1	10
117	Investigating brain activation with respect to playing video games on large screens. , 2012, , .		9
118	A proposed frame work for real time epileptic seizure prediction using scalp EEG. , 2013, , .		9
119	Enhanced people counting system based head-shoulder detection in dense crowd scenario. , 2016, , .		9
120	Prediction of Human Brain Activity Using Likelihood Ratio Based Score Fusion. IEEE Access, 2017, 5, 13010-13019.	4.2	9
121	Adaptive feature learning CNN for behavior recognition in crowd scene. , 2017, , .		9
122	Motion estimation of high density crowd using fluid dynamics. Imaging Science Journal, 2020, 68, 141-155.	0.5	9
123	On Perceptual Encryption: Variants of DCT Block Scrambling Scheme for JPEG Compressed Images. Communications in Computer and Information Science, 2010, , 212-223.	0.5	8
124	Identification of acne lesions, scars and normal skin for acne vulgaris cases. , 2011, , .		8
125	An Auto-Operated Telepresence System for the Nao Humanoid Robot. , 2013, , .		8
126	Representing EEG source localization using Finite Element Method. , 2013, , .		8



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127	Mental task motor imagery classifications for noninvasive brain computer interface. , 2014, , .		8
128	Real-time processing for shape-from-focus techniques. Journal of Real-Time Image Processing, 2016, 11, 49-62.	3.5	8
129	Visual brain activity patterns classification with simultaneous EEG-fMRI: A multimodal approach. Technology and Health Care, 2017, 25, 471-485.	1.2	8
130	MRMR based feature selection for the classification of stress using EEG. , 2017, , .		8
131	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.	5.6	8
132	Assessment of chronic ulcers using digital imaging. , 2011, , .		7
133	Depth estimation using monocular cues from single image. , 2011, , .		7
134	Localization of acne lesion through template matching. , 2012, , .		7
135	High level fault modeling and fault propagation in analog circuits using NLARX automated model generation technique. , 2012, , .		7
136	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.	2.8	7
137	EEG classification of physiological conditions in 2D/3D environments using neural network. , 2013, 2013, 4235-8.		7
138	Novel techniques for enhancement and segmentation of acne vulgaris lesions. Skin Research and Technology, 2014, 20, 322-331.	1.6	7
139	EEG based driver cognitive distraction assessment. , 2014, , .		7
140	Age-Invariant Face Recognition Using Triangle Geometric Features. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1556006.	1.2	7
141	Optimization and development of concurrent EEG-fMRI data acquisition setup for understanding neural mechanisms of brain. , 2015, , .		7
142	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.	1.7	7
143	Single Trial EEG Patterns for the Prediction of Individual Differences in Fluid Intelligence. Frontiers in Human Neuroscience, 2016, 10, 687.	2.0	7
144	Ulcer Detection and Classification of Wireless Capsule Endoscopy Images Using RGB Masking. Advanced Science Letters, 2016, 22, 2764-2768.	0.2	7

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145	A review of SMD-PCB defects and detection algorithms. , 2011, , .		6
146	3D hand recognition for telerobotics. , 2013, , .		6
147	Non-conscious behavior in emotion recognition: Gender effect. , 2013, , .		6
148	Multispectral venous images analysis for optimum illumination selection. , 2013, , .		6
149	Monitoring of vegetation near power lines based on dynamic programming using satellite stereo images. , 2014, , .		6
150	A framework for real time indoor robot navigation using Monte Carlo Localization and ORB feature detection. , 2014, , .		6
151	Discriminating the different human brain states with EEG signals using Fractal dimension: A nonlinear approach. , 2014, , .		6
152	EEG topographical maps analysis for 2D and 3D video game play. , 2014, , .		6
153	Designing of overcomplete dictionaries based on DCT and DWT. , 2015, , .		6
154	Multinuclear MR and Multilevel Data Processing. Academic Radiology, 2015, 22, 93-104.	2.5	6
155	Difference in brain dynamics during arithmetic task performed in stress and control conditions. , 2016, , .		6
156	An evaluation of optical flow algorithms for crowd analytics in surveillance system. , 2016, , .		6
157	Role of voxel selection and ROI in fMRI data analysis. , 2016, , .		6
158	Modulation of cortical activity in response to learning and long-term memory retrieval of 2D verses stereoscopic 3D educational contents: Evidence from an EEG study. Computers in Human Behavior, 2021, 114, 106526.	8.5	6
159	Sparse Representation for Crowd Attributes Recognition. IEEE Access, 2017, 5, 10422-10433.	4.2	6
160	Depth Estimation by Finding Best Focused Points Using Line Fitting. Lecture Notes in Computer Science, 2008, , 120-127.	1.3	6
161	Pre-processing for noise reduction in depth estimation. Proceedings of SPIE, 2010, , .	0.8	5
162	3D Tracking using particle filters. , 2011, , .		5

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163	3D object tracking using three Kalman filters. , 2011, , .		5
164	A joint watermarking and encryption scheme for DCT based codecs. , 2011, , .		5
165	Evaluation of mental stress using physiological signals. , 2011, , .		5
166	Fusion of multinuclear magnetic resonance images of knee for the assessment of articular cartilage. , 2013, 2013, 6466-9.		5
167	Weighted-permutation entropy as complexity measure for electroencephalographic time series of different physiological states. , 2014, , .		5
168	Segmentation assessment of activated sludge flocs at different magnifications for wastewater treatment. , 2014, , .		5
169	Simultaneous EEG-fMRI data acquisition during cognitive task. , 2014, , .		5
170	Subcutaneous veins detection and backprojection method using Frangi vesselness filter. , 2015, , .		5
171	Reliability of bench-mark datasets for crowd analytic surveillance. , 2015, , .		5
172	Detection and classification of bleeding using statistical color features for wireless capsule endoscopy images. , 2016, , .		5
173	Behavior representation in visual crowd scenes using space-time features. , 2016, , .		5
174	Classification of Four Class Motor Imagery for Brain Computer Interface. Lecture Notes in Electrical Engineering, 2017, , 297-305.	0.4	5
175	Estimation of non-contact smartphone video-based vital sign monitoring using filtering and standard color conversion techniques. , 2017, , .		5
176	Characterization stress reactions to stroop color-word test using spectral analysis. Materials Today: Proceedings, 2019, 16, 1949-1958.	1.8	5
177	Complexity Analysis of EEG Data during Rest State and Visual Stimulus. Lecture Notes in Computer Science, 2012, , 84-91.	1.3	5
178	Deep convolutional neural network processing of aerial stereo imagery to monitor vulnerable zones near power lines. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	5
179	Differentiating Honeycombed Images from Normal HRCT Lung Images. IEICE Transactions on Information and Systems, 2009, E92-D, 1218-1221.	0.7	4
180	Designing a joint perceptual encryption and blind watermarking scheme compliant with JPEG compression standard. , 2010, , .		4

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181	Stochastic filters for object tracking. , 2011, , .		4
182	Development of a non-invasive diagnostic tool for early detection of knee osteoarthritis. , 2011, , .		4
183	Velocity field measurement of a round jet using quantitative schlieren. Applied Optics, 2011, 50, 618.	2.1	4
184	Vegetation monitoring for high-voltage transmission line corridors using satellite stereo images. , 2011, , .		4
185	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.	1.2	4
186	Effects of stereoscopic screen disparity on pupil diameter. , 2013, , .		4
187	Power LinesVegetation encroachment monitoring based on Satellite Stereo images using stereo matching. , 2014, , .		4
188	Reference-free reduction of ballistocardiogram artifact from EEG data using EMD-PCA. , 2014, , .		4
189	Brain behavior during reasoning and problem solving task: An EEG study. , 2014, , .		4
190	An efficient method for subcutaneous veins localization using Near Infrared imaging. , 2014, , .		4
191	Compressed VFH descriptor for 3D object classification. , 2014, , .		4
192	Functional connectivity of EEG regional delta and inter-regional gamma activity correlates with memory recall. , 2015, , .		4
193	EEG-based brain connectivity analysis of working memory and attention. , 2015, , .		4
194	EEG-based brain functional connectivity during distracted driving. , 2015, , .		4
195	Dynamic electronic institutions in agent oriented cloud robotic systems. SpringerPlus, 2015, 4, 103.	1.2	4
196	Disaster monitoring in urban and remote areas using satellite stereo images: A depth estimation approach. , 2015, , .		4
197	EEG spectral analysis and functional connectivity during learning of science concepts. , 2016, , .		4
198	MSP based source localization using EEG signals. , 2016, , .		4

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199	Visual and Cognitive Fatigue During Learning. , 2017, , 123-135.		4
200	Assessment of Cognitive Load using Multimedia Learning and Resting States with Deep Learning Perspective. , 2018, , .		4
201	EEG Visual and Non- Visual Learner Classification Using LSTM Recurrent Neural Networks. , 2018, , .		4
202	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.	11.6	4
203	Selection of window size for focus measure processing. , 2010, , .		3
204	Proposed technique for aircraft recognition in Intelligent Video Automatic Target Recognition System (IVATRs). , 2010, , .		3
205	Features and modalities for assessing early knee osteoarthritis. , 2011, , .		3
206	Proposed framework of Intelligent Video Automatic Target Recognition System (IVATRs). , 2011, , .		3
207	Agent Relation Charts (ARCs) for Modeling Cloud Based Transactions. , 2012, , .		3
208	Disparity in brain dynamics for video games played on small and large displays. , 2012, , .		3
209	EEG alpha power: An indicator of visual fatigue. , 2014, , .		3
210	Differentiation of pupillary signals using statistical and functional analysis. , 2014, , .		3
211	Near-infrared vessels image enhancement using segmentation and fusion technique. , 2015, , .		3
212	Evaluation of digital elevation model using rational polynomial coefficient based on HR Pleiades satellite stereo imagery. , 2015, , .		3
213	P300 intensities and latencies for major depressive disorder detection. , 2015, , .		3
214	Control of autonomous underwater vehicle based on visual feedback for pipeline inspection. , 2016, , .		3
215	Neurofeedback training content for treatment of stress. , 2016, , .		3
216	Using resting state coherence to distinguish between low and high stress groups. , 2016, , .		3

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217	The correlation between EEG asymmetry and memory performance during semantic memory recall. , 2016, , .		3
218	Measuring height of high-voltage transmission poles using unmanned aerial vehicle (UAV) imagery. Imaging Science Journal, 2017, 65, 137-150.	0.5	3
219	Classification of fMRI data using support vector machine and convolutional neural network. , 2017, , .		3
220	EEG analysis of color effects using effective connectivity based on graph theory during a multimedia learning task. , 2017, , .		3
221	A physiological index for situational interest in classroom settings using EEG (preliminary result). , 2017, , .		3
222	EMD-Based Feature to Detect Situational Interest in Classroom Settings Using EEG. , 2018, , .		3
223	Classification of Resting and Cognitive States using EEG-based Feature Extraction and Connectivity Approach. , 2018, , .		3
224	Studying the Effect of Lecture Content on Studentsâ€™ EEG data in Classroom using SVD. , 2018, , .		3
225	Differentiating Between Visual and Non-Visual Learners Using EEG Power Spectrum Entropy. , 2018, , .		3
226	Noise Robustness Analysis of Point Cloud Descriptors. Lecture Notes in Computer Science, 2013, , 68-79.	1.3	3
227	A Geometrical Approach for Age-Invariant Face Recognition. Lecture Notes in Computer Science, 2013, , 81-96.	1.3	3
228	Tracking of EEG Activity Using Motion Estimation to Understand Brain Wiring. Advances in Experimental Medicine and Biology, 2015, 823, 159-174.	1.6	3
229	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.	1.3	3
230	Assessment of physiological states from contactless face video: a sparse representation approach. Computing (Vienna/New York), 2023, 105, 761-781.	4.8	3
231	Classification of medical images using energy information obtained from wavelet transform for medical image retrieval. , 0, , .		2
232	A Fast Algorithm for 3D Camera Using Pixel-Intensities as a Model for Depth Measurement. , 2008, , .		2
233	Estimation of depth map based on focus adjustment. Proceedings of SPIE, 2008, , .	0.8	2
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