Kamran Kazemi

List of Publications by Year
in descending order

		687363	677142
54 papers	632 citations	13 h-index	22 g-index
54 all docs	54 docs citations	54 times ranked	763 citing authors

#	Article	IF	Citations
1	Cue-induced craving and negative emotion disrupt response inhibition in methamphetamine use disorder: Behavioral and fMRI results from a mixed Go/No-Go task. Drug and Alcohol Dependence, 2022, 233, 109353.	3.2	6
2	Temporally dynamic neural correlates of drug cue reactivity, response inhibition, and methamphetamine-related response inhibition in people with methamphetamine use disorder. Scientific Reports, 2022, 12, 3567.	3.3	3
3	Level set method for automated 3D brain tumor segmentation using symmetry analysis and kernel induced fuzzy clustering. Multimedia Tools and Applications, 2022, 81, 21719-21740.	3.9	7
4	Reversible Data Hiding in Encryption Domain based on two dimensional histogram shifting and secure encryption system. Multimedia Tools and Applications, 2022, 81, 33731-33757.	3.9	1
5	Simple, robust and secure data hiding based on CRT feature extraction and closed-loop chaotic encryption system. Journal of Real-Time Image Processing, 2021, 18, 221-232.	3.5	1
6	Effect of Multishell Diffusion MRI Acquisition Strategy and Parcellation Scale on Rich-Club Organization of Human Brain Structural Networks. Diagnostics, 2021, 11, 970.	2.6	3
7	Multi-scale structural rich-club organization of the brain in full-term newborns: a combined DWI and fMRI study. Journal of Neural Engineering, 2021, 18, 046065.	3.5	4
8	Disrupted Functional Rich-Club Organization of the Brain Networks in Children with Attention-Deficit/Hyperactivity Disorder, a Resting-State EEG Study. Brain Sciences, 2021, 11, 938.	2.3	4
9	Hyperspectral and Multispectral Image Fusion Using Coupled Non-Negative Tucker Tensor Decomposition. Remote Sensing, 2021, 13, 2930.	4.0	13
10	Resting state dynamic functional connectivity in children with attention deficit/hyperactivity disorder. Journal of Neural Engineering, 2021, 18, 0460d1.	3.5	13
11	Morphological active contour model for automatic brain tumor extraction from multimodal magnetic resonance images. Journal of Neuroscience Methods, 2021, 362, 109296.	2.5	15
12	Characterization of brain functional connectivity in treatment-resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110346.	4.8	22
13	Fusing hyperspectral and multispectral images using smooth graph signal modelling. International Journal of Remote Sensing, 2020, 41, 8610-8630.	2.9	3
14	Neonatal EEG sleep stage classification based on deep learning and HMM. Journal of Neural Engineering, 2020, 17, 036031.	3.5	29
15	Multi-atlas based neonatal brain extraction using atlas library clustering and local label fusion. Multimedia Tools and Applications, 2020, 79, 19411-19433.	3.9	3
16	Cortical source analysis of resting state EEG data in children with attention deficit hyperactivity disorder. Clinical Neurophysiology, 2020, 131, 2115-2130.	1.5	16
17	A new approach to automatic fetal brain extraction from MRI using a variational level set method. Medical Physics, 2019, 46, 4983-4991.	3.0	2
18	Multi-atlas based neonatal brain extraction using a two-level patch-based label fusion strategy. Biomedical Signal Processing and Control, 2019, 54, 101602.	5.7	6

#	Article	IF	Citations
19	An automatic single-channel EEG-based sleep stage scoring method based on hidden Markov Model. Journal of Neuroscience Methods, 2019, 324, 108320.	2.5	66
20	Image segmentation using multilevel thresholding based on modified bird mating optimization. Multimedia Tools and Applications, 2019, 78, 23003-23027.	3.9	32
21	A knowledge-based system for brain tumor segmentation using only 3D FLAIR images. Australasian Physical and Engineering Sciences in Medicine, 2019, 42, 529-540.	1.3	12
22	Salient object detection method using random graph. Multimedia Tools and Applications, 2018, 77, 24681-24699.	3.9	0
23	Gene selection from large-scale gene expression data based on fuzzy interactive multi-objective binary optimization for medical diagnosis. Biocybernetics and Biomedical Engineering, 2018, 38, 313-328.	5.9	17
24	Salient object detection using local, global and high contrast graphs. Signal, Image and Video Processing, 2018, 12, 659-667.	2.7	4
25	A robust gene clustering algorithm based on clonal selection in multiobjective optimization framework. Expert Systems With Applications, 2018, 113, 301-314.	7.6	23
26	Morphological active contour driven by local and global intensity fitting for spinal cord segmentation from MR images. Journal of Neuroscience Methods, 2018, 308, 116-128.	2.5	11
27	An improved feature selection algorithm based on graph clustering and ant colony optimization. Knowledge-Based Systems, 2018, 159, 270-285.	7.1	66
28	Gene expression feature selection for prostate cancer diagnosis using a two‐phase heuristic‐deterministic search strategy. IET Systems Biology, 2018, 12, 162-169.	1.5	4
29	An efficient search algorithm for biomarker selection from RNA-seq prostate cancer data. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3171-3180.	1.4	1
30	3D cerebral MR image segmentation using multiple-classifier system. Medical and Biological Engineering and Computing, 2017, 55, 353-364.	2.8	17
31	A new multiobjective evolutionary optimization algorithm based on Î¸-multiobjective clonal selection. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1685-1696.	1.4	6
32	A novel method for classification of power quality disturbances based on a new one dimensional local binary pattern approach. , 2017, , .		0
33	Simultaneous vector-valued image segmentation and intensity nonuniformity correction using variational level set combined with Markov random field modeling. Signal, Image and Video Processing, 2016, 10, 887-893.	2.7	7
34	Evaluation of anterior fontanel size and area in the newborn using CT images. Journal of Intelligent and Fuzzy Systems, 2015, 29, 443-450.	1.4	3
35	Salient object detection via global contrast graph. , 2015, , .		3
36	Improving the performance of machine learning algorithms using fuzzy-based features for medical x-ray image classification. Journal of Intelligent and Fuzzy Systems, 2014, 27, 3169-3180.	1.4	3

#	ARTICLE	IF	CITATIONS
37	An EZBC based approach for polarimetric SAR data compression. , 2014, , .		0
38	The S-transform using a new window to improve frequency and time resolutions. Signal, Image and Video Processing, 2014, 8, 533-541.	2.7	14
39	Automatic segmentation of newbornsâ€™ skull and fontanel from CT data using model-based variational level set. Signal, Image and Video Processing, 2014, 8, 377-387.	2.7	13
40	Quantitative effect of the neonatal fontanel on synthetic near infrared spectroscopy measurements. Human Brain Mapping, 2013, 34, 878-889.	3.6	16
41	Symmetric brain atlas template for newborns brain asymmetry studies. , 2013, , .		0
42	A Tool to Investigate Symmetry Properties of Newborns Brain: The Newbornsâ€™ Symmetric Brain Atlas. ISRN Neuroscience, 2013, 2013, 1-6.	1.5	1
43	A Hybrid hierarchical approach for brain tissue segmentation by combining brain Atlas and least square support vector machine. Journal of Medical Signals and Sensors, 2013, 3, 232.	1.0	6
44	A hybrid hierarchical approach for brain tissue segmentation by combining brain atlas and least square support vector machine. Journal of Medical Signals and Sensors, 2013, 3, 232-43.	1.0	3
45	Local binary patterns partitioning for rotation invariant texture classification. , 2012, , .		1
46	Variational level set combined with Markov random field modeling for simultaneous intensity non-uniformity correction and segmentation of MR images. Journal of Neuroscience Methods, 2012, 209, 280-289.	2.5	22
47	Fuzzy-based Medical X-Ray Image Classification. Journal of Medical Signals and Sensors, 2012, 2, 73.	1.0	13
48	Realistic Head Model Design and 3D Brain Imaging of NIRS Signals Using Audio Stimuli on Preterm Neonates for Intra-Ventricular Hemorrhage Diagnosis. Lecture Notes in Computer Science, 2012, 15, 172-179.	1.3	2
49	Design and construction of a brain phantom to simulate neonatal MR images. Computerized Medical Imaging and Graphics, 2011, 35, 237-250.	5.8	3
50	Skull and fontanel segmentation from neonatal CT data by model based variational level set using localized coefficient. , 2011, , .		0
51	Comparison evaluation of three brain MRI segmentation methods in software tools. , 2010, , .		9
52	Atlas-based segmentation of brain MR images using least square support vector machines. , 2010, , .		10
53	Automatic Fontanel Extraction from Newbornsâ€™ CT Images Using Variational Level Set. Lecture Notes in Computer Science, 2009, , 639-646.	1.3	7
54	A neonatal atlas template for spatial normalization of whole-brain magnetic resonance images of newborns: Preliminary results. NeuroImage, 2007, 37, 463-473.	4.2	86