

Kamran Kazemi

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

632
citations

687363

13
h-index

677142

22
g-index

54
all docs

54
docs citations

54
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	A neonatal atlas template for spatial normalization of whole-brain magnetic resonance images of newborns: Preliminary results. <i>NeuroImage</i> , 2007, 37, 463-473.	4.2	86
2	An improved feature selection algorithm based on graph clustering and ant colony optimization. <i>Knowledge-Based Systems</i> , 2018, 159, 270-285.	7.1	66
3	An automatic single-channel EEG-based sleep stage scoring method based on hidden Markov Model. <i>Journal of Neuroscience Methods</i> , 2019, 324, 108320.	2.5	66
4	Image segmentation using multilevel thresholding based on modified bird mating optimization. <i>Multimedia Tools and Applications</i> , 2019, 78, 23003-23027.	3.9	32
5	Neonatal EEG sleep stage classification based on deep learning and HMM. <i>Journal of Neural Engineering</i> , 2020, 17, 036031.	3.5	29
6	A robust gene clustering algorithm based on clonal selection in multiobjective optimization framework. <i>Expert Systems With Applications</i> , 2018, 113, 301-314.	7.6	23
7	Variational level set combined with Markov random field modeling for simultaneous intensity non-uniformity correction and segmentation of MR images. <i>Journal of Neuroscience Methods</i> , 2012, 209, 280-289.	2.5	22
8	Characterization of brain functional connectivity in treatment-resistant depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110346.	4.8	22
9	3D cerebral MR image segmentation using multiple-classifier system. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 353-364.	2.8	17
10	Gene selection from large-scale gene expression data based on fuzzy interactive multi-objective binary optimization for medical diagnosis. <i>Biocybernetics and Biomedical Engineering</i> , 2018, 38, 313-328.	5.9	17
11	Quantitative effect of the neonatal fontanel on synthetic near infrared spectroscopy measurements. <i>Human Brain Mapping</i> , 2013, 34, 878-889.	3.6	16
12	Cortical source analysis of resting state EEG data in children with attention deficit hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2020, 131, 2115-2130.	1.5	16
13	Morphological active contour model for automatic brain tumor extraction from multimodal magnetic resonance images. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109296.	2.5	15
14	The S-transform using a new window to improve frequency and time resolutions. <i>Signal, Image and Video Processing</i> , 2014, 8, 533-541.	2.7	14
15	Automatic segmentation of newborns' skull and fontanel from CT data using model-based variational level set. <i>Signal, Image and Video Processing</i> , 2014, 8, 377-387.	2.7	13
16	Hyperspectral and Multispectral Image Fusion Using Coupled Non-Negative Tucker Tensor Decomposition. <i>Remote Sensing</i> , 2021, 13, 2930.	4.0	13
17	Resting state dynamic functional connectivity in children with attention deficit/hyperactivity disorder. <i>Journal of Neural Engineering</i> , 2021, 18, 0460d1.	3.5	13
18	Fuzzy-based Medical X-Ray Image Classification. <i>Journal of Medical Signals and Sensors</i> , 2012, 2, 73.	1.0	13

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Atlas-based segmentation of brain MR images using least square support vector machines. , 2010, , .		10
22	Comparison evaluation of three brain MRI segmentation methods in software tools. , 2010, , .		9
23	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
24	Automatic Fontanel Extraction from Newbornsâ€™ CT Images Using Variational Level Set. Lecture Notes in Computer Science, 2009, , 639-646.	1.3	7
25	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
26	A new multiobjective evolutionary optimization algorithm based on \hat{I}_1 -multiobjective clonal selection. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1685-1696.	1.4	6
27	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
28	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
29	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
30	Salient object detection using local, global and high contrast graphs. Signal, Image and Video Processing, 2018, 12, 659-667.	2.7	4
31	Gene expression feature selection for prostate cancer diagnosis using a twoâ€‘phase heuristicâ€‘deterministic search strategy. IET Systems Biology, 2018, 12, 162-169.	1.5	4
32	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
33	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
34	Design and construction of a brain phantom to simulate neonatal MR images. Computerized Medical Imaging and Graphics, 2011, 35, 237-250.	5.8	3
35	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
36	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

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37	Salient object detection via global contrast graph. , 2015, , .		3
38	Fusing hyperspectral and multispectral images using smooth graph signal modelling. International Journal of Remote Sensing, 2020, 41, 8610-8630.	2.9	3
39	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
40	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
41	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
42	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
43	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
44	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
45	Local binary patterns partitioning for rotation invariant texture classification. , 2012, , .		1
46	A Tool to Investigate Symmetry Properties of Newborns Brain: The Newbornsâ€™ Symmetric Brain Atlas. ISRN Neuroscience, 2013, 2013, 1-6.	1.5	1
47	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
48	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
49	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
50	Skull and fontanel segmentation from neonatal CT data by model based variational level set using localized coefficient. , 2011, , .		0
51	Symmetric brain atlas template for newborns brain asymmetry studies. , 2013, , .		0
52	An EZBC based approach for polarimetric SAR data compression. , 2014, , .		0
53	A novel method for classification of power quality disturbances based on a new one dimensional local binary pattern approach. , 2017, , .		0
54	Salient object detection method using random graph. Multimedia Tools and Applications, 2018, 77, 24681-24699.	3.9	0