

Tao Zhou

List of Publications by Year in descending order

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47
papers

574
citations

1170033

9
h-index

721071

23
g-index

51
all docs

51
docs citations

51
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Dense Convolutional Network and Its Application in Medical Image Analysis. BioMed Research International, 2022, 2022, 1-22.	0.9	21
2	APU-Net: An Attention Mechanism Parallel U-Net for Lung Tumor Segmentation. BioMed Research International, 2022, 2022, 1-15.	0.9	2
3	Pooling Operations in Deep Learning: From "Invariable" to "Variable". BioMed Research International, 2022, 2022, 1-17.	0.9	6
4	The ensemble deep learning model for novel COVID-19 on CT images. Applied Soft Computing Journal, 2021, 98, 106885.	4.1	172
5	A New Robust Adaptive Fusion Method for Double-Modality Medical Image PET/CT. BioMed Research International, 2021, 2021, 1-18.	0.9	4
6	18F-FDG-PET/CT Whole-Body Imaging Lung Tumor Diagnostic Model: An Ensemble E-ResNet-NRC with Divided Sample Space. BioMed Research International, 2021, 2021, 1-13.	0.9	2
7	Algorithm of Pulmonary Vascular Segment and Centerline Extraction. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	0.7	2
8	Lung tumor image recognition algorithm with densenet fusion multi-scale images. Guangxue Jingmi Gongcheng/Optics and Precision Engineering, 2021, 29, 1695-1708.	0.2	0
9	Text to Realistic Image Generation with Attentional Concatenation Generative Adversarial Networks. Discrete Dynamics in Nature and Society, 2020, 2020, 1-10.	0.5	6
10	A Model of High-Dimensional Feature Reduction Based on Variable Precision Rough Set and Genetic Algorithm in Medical Image. Mathematical Problems in Engineering, 2020, 2020, 1-18.	0.6	5
11	NSCR-Based DenseNet for Lung Tumor Recognition Using Chest CT Image. BioMed Research International, 2020, 2020, 1-9.	0.9	10
12	Medical Image Retrieval Using Empirical Mode Decomposition with Deep Convolutional Neural Network. BioMed Research International, 2020, 2020, 1-12.	0.9	3
13	Spiculation Sign Recognition in a Pulmonary Nodule Based on Spiking Neural P Systems. BioMed Research International, 2020, 2020, 1-10.	0.9	9
14	A Research on Typhoon Tracking System Based on Meteorological Remote Sensing. , 2020, , .		1
15	Isolated Pulmonary Nodules Characteristics Detection Based on CT Images. IEEE Access, 2019, 7, 165597-165606.	2.6	6
16	GA-SVM based feature selection and parameter optimization in hospitalization expense modeling. Applied Soft Computing Journal, 2019, 75, 323-332.	4.1	174
17	Adaptive fractional order sliding mode control for Boost converter in the Battery/Supercapacitor HESS. PLoS ONE, 2018, 13, e0196501.	1.1	10
18	Cell image segmentation using bacterial foraging optimization. Applied Soft Computing Journal, 2017, 58, 770-782.	4.1	26

#	ARTICLE	IF	CITATIONS
19	CAD Model Based on NN and PCA in Prostate Tumor MRI. Lecture Notes in Computer Science, 2017, , 561-571.	1.0	0
20	Pulmonary Nodule Detection Model Based on SVM and CT Image Feature-Level Fusion with Rough Sets. BioMed Research International, 2016, 2016, 1-13.	0.9	18
21	Compressive tracking moving cells in time-lapse image sequences. , 2015, , .		1
22	Construction Example for Algebra System Using Harmony Search Algorithm. Mathematical Problems in Engineering, 2015, 2015, 1-15.	0.6	5
23	Bacterial foraging based edge detection for cell image segmentation. , 2015, 2015, 3873-6.		3
24	A Self-adaption Fusion Algorithm of PET/CT Based on DTCWT and Combination Membership Function. Lecture Notes in Computer Science, 2015, , 380-391.	1.0	1
25	A fusion algorithm of PET-CT based on dual-tree complex wavelet transform and self-adaption Gaussian membership function. , 2014, , .		0
26	An Improved Harmony Search Based on Teaching-Learning Strategy for Unconstrained Optimization Problems. Mathematical Problems in Engineering, 2013, 2013, 1-29.	0.6	32
27	Multi-features prostate tumor aided diagnoses based on ensemble-svm. , 2013, , .		2
28	Applying robustness analysis to MDA software paradigm. , 2012, , .		1
29	A new classification algorithm based on ensemble PSO_SVM and clustering analysis. , 2012, , .		3
30	Rough Kernel Clustering Algorithm with Adaptive Parameters. Lecture Notes in Computer Science, 2011, , 604-610.	1.0	0
31	A novel SVM ensemble approach using clustering analysis. Journal of Electronics, 2008, 25, 246-253.	0.2	0
32	TSP Problem Solution Based on Improved Genetic Algorithm. , 2008, , .		17
33	A New Domino Logic Synthesis Approach. , 2008, , .		1
34	Rough Cluster Algorithm Based on Kernel Function. Lecture Notes in Computer Science, 2008, , 172-179.	1.0	9
35	A Novel High Level Synthesis Approach. , 2007, , .		0
36	Rough k-means Cluster with Adaptive Parameters. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
37	Using Complement Register Structure Circuit against H-O DPA. , 2007, , .		0
38	An Improved Concurrent Operation Scheduling and Unit Allocation Algorithm Based on Evolutionary Technique. , 2007, , .		0
39	A New Method Against High-Order Differential Power Analysis. , 2007, , .		0
40	SAR Image despeckling using grey system theory. , 2007, , .		2
41	A Novel Approach to Drastic Test Data Compression for Multiple Scan Designs. , 2007, , .		0
42	Curvature View Based Skull Multiresolution Feature Representation and Recognition. , 2007, , .		0
43	A novel register allocation algorithm for testability. Tsinghua Science and Technology, 2007, 12, 57-60.	4.1	2
44	A Multi-stage Competitive Neural Networks Approach for Motion Trajectory Pattern Learning. Lecture Notes in Computer Science, 2007, , 796-803.	1.0	0
45	A Novel Support Vector Machine Ensemble Based on Subtractive Clustering Analysis. , 2007, , 849-856.		0
46	Radon Transform-based Skull Identification with Multi-Resolution. , 2006, , .		4
47	Low-Power High-Level Data-Flow Synthesis. , 2006, , .		0