

Cheng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

305
citations

933447

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888059

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g-index

23
all docs

23
docs citations

23
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the blasting effect of strip cartridge position on jointed rock mass. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 1249-1259.	2.6	6
2	Generative Consistency for Semi-Supervised Cerebrovascular Segmentation From TOF-MRA. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 346-353.	8.9	26
3	TMSF-Net: Multi-series fusion network with treeconnect for colorectal tumor segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 215, 106613.	4.7	2
4	Research progress of the fundamental theory and technology of rock blasting. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 705-716.	4.9	19
5	Review of Visual Saliency Prediction: Development Process from Neurobiological Basis to Deep Models. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 309.	2.5	11
6	Cerebrovascular segmentation in phase-contrast magnetic resonance angiography by multi-feature fusion and vessel completion. <i>Computerized Medical Imaging and Graphics</i> , 2022, 98, 102070.	5.8	8
7	An Intelligent Breast Ultrasound System for Diagnosis and 3D Visualization. <i>Electronics (Switzerland)</i> , 2022, 11, 2116.	3.1	2
8	Pathological lung segmentation in chest CT images based on improved random walker. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105864.	4.7	24
9	Cerebrovascular segmentation from TOF-MRA based on multiple-U-net with focal loss function. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 202, 105998.	4.7	17
10	A Neural Regression Model for Predicting Thermal Conductivity of CNT Nanofluids with Multiple Base Fluids. <i>Journal of Thermal Science</i> , 2021, 30, 1908-1916.	1.9	3
11	An Effective Deep Neural Network for Lung Lesions Segmentation From COVID-19 CT Images. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 6528-6538.	11.3	54
12	CSR-Net: Cross-Scale Residual Network for multi-objective scaphoid fracture segmentation. <i>Computers in Biology and Medicine</i> , 2021, 137, 104776.	7.0	17
13	DW-UNet: Loss Balance under Local-Patch for 3D Infection Segmentation from COVID-19 CT Images. <i>Diagnostics</i> , 2021, 11, 1942.	2.6	8
14	Segmentation of Cerebrovascular Anatomy from TOF-MRA Using Length-Strained Enhancement and Random Walker. <i>BioMed Research International</i> , 2020, 2020, 1-16.	1.9	3
15	Retinal Vessel Segmentation Combined With Generative Adversarial Networks and Dense U-Net. <i>IEEE Access</i> , 2020, 8, 194551-194560.	4.2	29
16	Experimental Study on Blasting Energy Distribution and Utilization Efficiency Using Water Jet Test. <i>Energies</i> , 2020, 13, 5340.	3.1	4
17	Open Curvature Scale Space Matching for Coronary Artery Identification in X-Ray Angiographic Images. <i>IEEE Access</i> , 2020, 8, 16989-17001.	4.2	2
18	A novel method to model hepatic vascular network using vessel segmentation, thinning, and completion. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 709-724.	2.8	14

#	ARTICLE	IF	CITATIONS
19	Automatic Recognition of Auditory Brainstem Response Characteristic Waveform Based on Bidirectional Long Short-Term Memory. <i>Frontiers in Medicine</i> , 2020, 7, 613708.	2.6	7
20	Electropolymerization and energy storage of poly[<i>N</i> (salphen)]/MWCNT composite materials for supercapacitors. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	9
21	Understanding the Charge Storage Mechanism and Electrochemical Performance on the Poly[Ni(salen)]-modified Electrode Electropolymerized with Different Sweep Rate. <i>Electrochemistry</i> , 2017, 85, 461-468.	1.4	4
22	Effects of Potential Modes on Performances of Electrodeposited Poly[Ni(salen)]/MWCNTs Composite as Supercapacitor Electrode Material. <i>Electrochemistry</i> , 2016, 84, 427-431.	1.4	8
23	Electropolymerization and electrochemical behavior of nickel Schiff base complexes with different groups between imine linkages. <i>RSC Advances</i> , 2016, 6, 79894-79899.	3.6	28