

Cheng Chen

List of Publications by Year in descending order

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papers

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23
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23
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186
citing authors

#	ARTICLE	IF	CITATIONS
1	An Effective Deep Neural Network for Lung Lesions Segmentation From COVID-19 CT Images. IEEE Transactions on Industrial Informatics, 2021, 17, 6528-6538.	11.3	54
2	Retinal Vessel Segmentation Combined With Generative Adversarial Networks and Dense U-Net. IEEE Access, 2020, 8, 194551-194560.	4.2	29
3	Electropolymerization and electrochemical behavior of nickel Schiff base complexes with different groups between imine linkages. RSC Advances, 2016, 6, 79894-79899.	3.6	28
4	Generative Consistency for Semi-Supervised Cerebrovascular Segmentation From TOF-MRA. IEEE Transactions on Medical Imaging, 2023, 42, 346-353.	8.9	26
5	Pathological lung segmentation in chest CT images based on improved random walker. Computer Methods and Programs in Biomedicine, 2021, 200, 105864.	4.7	24
6	Research progress of the fundamental theory and technology of rock blasting. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 705-716.	4.9	19
7	Cerebrovascular segmentation from TOF-MRA based on multiple-U-net with focal loss function. Computer Methods and Programs in Biomedicine, 2021, 202, 105998.	4.7	17
8	CSR-Net: Cross-Scale Residual Network for multi-objective scaphoid fracture segmentation. Computers in Biology and Medicine, 2021, 137, 104776.	7.0	17
9	A novel method to model hepatic vascular network using vessel segmentation, thinning, and completion. Medical and Biological Engineering and Computing, 2020, 58, 709-724.	2.8	14
10	Review of Visual Saliency Prediction: Development Process from Neurobiological Basis to Deep Models. Applied Sciences (Switzerland), 2022, 12, 309.	2.5	11
11	Electropolymerization and energy storage of poly[<i>N</i> (salphen)]/MWCNT composite materials for supercapacitors. Journal of Applied Polymer Science, 2017, 134, .	2.6	9
12	Effects of Potential Modes on Performances of Electrodeposited Poly[Ni(salen)]/MWCNTs Composite as Supercapacitor Electrode Material. Electrochemistry, 2016, 84, 427-431.	1.4	8
13	DW-UNet: Loss Balance under Local-Patch for 3D Infection Segmentation from COVID-19 CT Images. Diagnostics, 2021, 11, 1942.	2.6	8
14	Cerebrovascular segmentation in phase-contrast magnetic resonance angiography by multi-feature fusion and vessel completion. Computerized Medical Imaging and Graphics, 2022, 98, 102070.	5.8	8
15	Automatic Recognition of Auditory Brainstem Response Characteristic Waveform Based on Bidirectional Long Short-Term Memory. Frontiers in Medicine, 2020, 7, 613708.	2.6	7
16	Analysis of the blasting effect of strip cartridge position on jointed rock mass. Mechanics of Advanced Materials and Structures, 2023, 30, 1249-1259.	2.6	6
17	Understanding the Charge Storage Mechanism and Electrochemical Performance on the Poly[Ni(salen)]-modified Electrode Electropolymerized with Different Sweep Rate. Electrochemistry, 2017, 85, 461-468.	1.4	4
18	Experimental Study on Blasting Energy Distribution and Utilization Efficiency Using Water Jet Test. Energies, 2020, 13, 5340.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Segmentation of Cerebrovascular Anatomy from TOF-MRA Using Length-Strained Enhancement and Random Walker. BioMed Research International, 2020, 2020, 1-16.	1.9	3
20	A Neural Regression Model for Predicting Thermal Conductivity of CNT Nanofluids with Multiple Base Fluids. Journal of Thermal Science, 2021, 30, 1908-1916.	1.9	3
21	Open Curvature Scale Space Matching for Coronary Artery Identification in X-Ray Angiographic Images. IEEE Access, 2020, 8, 16989-17001.	4.2	2
22	TMSF-Net: Multi-series fusion network with treeconnect for colorectal tumor segmentation. Computer Methods and Programs in Biomedicine, 2022, 215, 106613.	4.7	2
23	An Intelligent Breast Ultrasound System for Diagnosis and 3D Visualization. Electronics (Switzerland), 2022, 11, 2116.	3.1	2