

Wenguang Hou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

85
citations

1307594

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1474206

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15
all docs

15
docs citations

15
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	GPU-Based Block-Wise Nonlocal Means Denoising for 3D Ultrasound Images. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-10.	1.3	12
2	Real-time and multimodal brain slice-to-volume registration using CNN. Expert Systems With Applications, 2019, 133, 86-96.	7.6	12
3	Digital deformation model for fisheye image rectification. Optics Express, 2012, 20, 22252.	3.4	10
4	Pharmacological inhibition of epidermal growth factor receptor attenuates intracranial aneurysm formation by modulating the phenotype of vascular smooth muscle cells. CNS Neuroscience and Therapeutics, 2022, 28, 64-76.	3.9	10
5	1D CNN-Based Intracranial Aneurysms Detection in 3D TOF-MRA. Complexity, 2020, 2020, 1-13.	1.6	9
6	CNN-Based Medical Ultrasound Image Quality Assessment. Complexity, 2021, 2021, 1-9.	1.6	9
7	Self-learning based medical image representation for rigid real-time and multimodal slice-to-volume registration. Information Sciences, 2020, 541, 502-515.	6.9	7
8	Surface Reconstruction through Poisson Disk Sampling. PLoS ONE, 2015, 10, e0120151.	2.5	6
9	Denoising 3D Ultrasound Images by Non-local Means Accelerated by GPU. , 2011, , ,		5
10	Unsupervised Cross-Modality Domain Adaptation Network for X-Ray to CT Registration. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2637-2647.	6.3	3
11	2D CNN-Based Slices-to-Volume Superresolution Reconstruction. IEEE Access, 2020, 8, 86357-86366.	4.2	1
12	Convolutional Neural Network-Based Fish Posture Classification. Complexity, 2021, 2021, 1-9.	1.6	1
13	Prostate Surgery Path Planning Based on Simplified Delay-PCNN. , 2011, , ,		0
14	Corrigendum to "1D CNN-Based Intracranial Aneurysms Detection in 3D TOF-MRA" Complexity, 2021, 2021, 1-1.	1.6	0
15	Novel Algicides against Bloom-Forming Cyanobacteria from Allelochemicals: Design, Synthesis, Bioassay, and 3D-QSAR Study. Biology, 2021, 10, 1145.	2.8	0