Weifu Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6436609/publications.pdf

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23	346	1163117 8	839539 18
papers	citations	h-index	g-index

23	23	23	375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A common hub for sleep and motor control in the substantia nigra. Science, 2020, 367, 440-445.	12.6	86
2	Automatic Mitochondria Segmentation for EM Data Using a 3D Supervised Convolutional Network. Frontiers in Neuroanatomy, 2018, 12, 92.	1.7	61
3	Phase prediction of Ni-base superalloys via high-throughput experiments and machine learning. Materials Research Letters, 2021, 9, 32-40.	8.7	49
4	High throughput experiment assisted discovery of new Ni-base superalloys. Scripta Materialia, 2020, 178, 134-138.	5.2	42
5	A fast forward 3D connection algorithm for mitochondria and synapse segmentations from serial EM images. BioData Mining, 2018, 11, 24.	4.0	19
6	Effective automated pipeline for 3D reconstruction of synapses based on deep learning. BMC Bioinformatics, 2018, 19, 263.	2.6	17
7	An automated pipeline for mitochondrial segmentation on ATUM-SEM stacks. Journal of Bioinformatics and Computational Biology, 2017, 15, 1750015.	0.8	16
8	A high-throughput approach to explore the multi-component alloy space: A case study of nickel-based superalloys. Journal of Alloys and Compounds, 2021, 858, 158100.	5.5	12
9	A New Geolocation Error Estimation Method in MWRI Data Aboard FY3 Series Satellites. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 197-201.	3.1	8
10	<inline-formula> <tex-math notation="LaTeX">ell_0 </tex-math> </inline-formula> Sparse Approximation of Coastline Inflection Method on FY-3C MWRI Data. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 85-89.	3.1	6
11	Identifying Terrestrial Landscape Character Types in China. Land, 2022, 11, 1014.	2.9	5
12	Learning With Coefficient-Based Regularized Regression on Markov Resampling. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4166-4176.	11.3	4
13	Geolocation Error Estimation and Correction on Long-Term MWRI Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9448-9461.	6.3	4
14	Fully Automatic Synaptic Cleft Detection and Segmentation from EM Images Based on Deep Learning. Lecture Notes in Computer Science, 2018, , 64-74.	1.3	4
15	Deep Transfer Learning for Ni-Based Superalloys Microstructure Recognition on Î³â€² Phase. Materials, 2022, 15, 4251.	2.9	4
16	An effective fully deep convolutional neural network for mitochondria segmentation based on ATUM-SEM. , 2018, , .		3
17	â„“p-ICP Coastline Inflection Method for Geolocation Error Estimation in FY-3 MWRI Data. Remote Sensing, 2019, 11, 1886.	4.0	2
18	RU-net: A Residual U-net for Automatic Interplanetary Coronal Mass Ejection Detection. Astrophysical Journal, Supplement Series, 2022, 259, 8.	7.7	2

#	Article	IF	Citations
19	Accelerating Microstructure Recognition of Nickel-Based Superalloy Data by UNet++. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 863-870.	0.7	1
20	Gradient Learning under Tilted Empirical Risk Minimization. Entropy, 2022, 24, 956.	2.2	1
21	A Novel 3D Connection Algorithm of Mitochondria From ATUM-SEM Stacks Based on Segmentation Information in Context. , 2018, 2018, 5105-5108.		0
22	Enhancing Depth Quality of Stereo Vision using Deep Learning-based Prior Information of the Driving Environment. , 2021, , .		0
23	Distribution-dependent feature selection for deep neural networks. Applied Intelligence, 0, , 1.	5.3	0