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	Accelerating Microstructure Recognition of Nickel-Based Superalloy Data by UNet++. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 863-870.	0.7	1
2	RU-net: A Residual U-net for Automatic Interplanetary Coronal Mass Ejection Detection. Astrophysical Journal, Supplement Series, 2022, 259, 8.	7.7	2
3	Deep Transfer Learning for Ni-Based Superalloys Microstructure Recognition on Î³â€² Phase. Materials, 2022, 15, 4251.	2.9	4
4	Gradient Learning under Tilted Empirical Risk Minimization. Entropy, 2022, 24, 956.	2.2	1
5	Identifying Terrestrial Landscape Character Types in China. Land, 2022, 11, 1014.	2.9	5
6	Phase prediction of Ni-base superalloys via high-throughput experiments and machine learning. Materials Research Letters, 2021, 9, 32-40.	8.7	49
7	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
8	Enhancing Depth Quality of Stereo Vision using Deep Learning-based Prior Information of the Driving Environment. , 2021, , .		0
9	Geolocation Error Estimation and Correction on Long-Term MWRI Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9448-9461.	6.3	4
10	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
11	High throughput experiment assisted discovery of new Ni-base superalloys. Scripta Materialia, 2020, 178, 134-138.	5.2	42
12	A common hub for sleep and motor control in the substantia nigra. Science, 2020, 367, 440-445.	12.6	86
13	â„“p-ICP Coastline Inflection Method for Geolocation Error Estimation in FY-3 MWRI Data. Remote Sensing, 2019, 11, 1886.	4.0	2
14	<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
15	Learning With Coefficient-Based Regularized Regression on Markov Resampling. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4166-4176.	11.3	4
16	A Novel 3D Connection Algorithm of Mitochondria From ATUM-SEM Stacks Based on Segmentation Information in Context. , 2018, 2018, 5105-5108.		0
17	A fast forward 3D connection algorithm for mitochondria and synapse segmentations from serial EM images. BioData Mining, 2018, 11, 24.	4.0	19
18	Automatic Mitochondria Segmentation for EM Data Using a 3D Supervised Convolutional Network. Frontiers in Neuroanatomy, 2018, 12, 92.	1.7	61

#	Article	IF	Citations
19	Effective automated pipeline for 3D reconstruction of synapses based on deep learning. BMC Bioinformatics, 2018, 19, 263.	2.6	17
20	An effective fully deep convolutional neural network for mitochondria segmentation based on ATUM-SEM. , 2018, , .		3
21	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
22	An automated pipeline for mitochondrial segmentation on ATUM-SEM stacks. Journal of Bioinformatics and Computational Biology, 2017, 15, 1750015.	0.8	16
23	Distribution-dependent feature selection for deep neural networks. Applied Intelligence, 0, , 1.	5.3	0