Lei Qu

List of Publications by Year
in descending order

19 papers	1,087 citations	933264 10 h-index	1058333 14 g-index
23 all docs	23 docs citations	23 times ranked	1274 citing authors

#	ARTICLE	IF	CITATIONS
1	A multimodal cell census and atlas of the mammalian primary motor cortex. Nature, 2021, 598, 86-102.	13.7	316
2	Morphological diversity of single neurons in molecularly defined cell types. Nature, 2021, 598, 174-181.	13.7	180
3	Rapid-Response, Low Detection Limit, and High-Sensitivity Capacitive Flexible Tactile Sensor Based on Three-Dimensional Porous Dielectric Layer for Wearable Electronic Skin. ACS Applied Materials & Interfaces, 2019, 11, 40716-40725.	4.0	173
4	BrainAligner: 3D registration atlases of Drosophila brains. Nature Methods, 2011, 8, 493-498.	9.0	153
5	BlastNeuron for Automated Comparison, Retrieval and Clustering of 3D Neuron Morphologies. Neuroinformatics, 2015, 13, 487-499.	1.5	55
6	Spectral–Spatial Exploration for Hyperspectral Image Classification via the Fusion of Fully Convolutional Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 659-674.	2.3	53
7	Cross-modal coherent registration of whole mouse brains. Nature Methods, 2022, 19, 111-118.	9.0	36
8	Simultaneous recognition and segmentation of cells: application in *C.elegans*. Bioinformatics, 2011, 27, 2895-2902.	1.8	28
9	Triple-Attention-Based Parallel Network for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 324.	1.8	24
10	3D Dense Separated Convolution Module for Volumetric Medical Image Analysis. Applied Sciences (Switzerland), 2020, 10, 485.	1.3	14
11	A principal skeleton algorithm for standardizing confocal images of fruit fly nervous systems. Bioinformatics, 2010, 26, 1091-1097.	1.8	12
12	U-Net cascaded with dilated convolution for medical image registration. , 2019, , .		8
13	Association of vascular endothelial growth factor and renal thrombotic microangiopathy–like lesions in patients with Castleman's disease. Nephrology, 2020, 25, 125-134.	0.7	7
14	LittleQuickWarp: An ultrafast image warping tool. Methods, 2015, 73, 38-42.	1.9	5
15	Face recognition with shared-specific dictionary learning and locality-constrained sparse representation. , 2017, , .		1
16	Efficient and robust indoor people detection based on RGB-D camera. , 2017, , .		1
17	Common dictionary and domain-specific dictionary based cross-domain image classification. , 2017, , .		0
18	Visual tracking with genetic algorithm augmented logistic regression. Signal, Image and Video Processing, 2018, 12, 33-40.	1.7	0

#	Article	IF	Citations
19	SC-RegNet: Unsupervised Self-Calibrated 3D Biomedical Image Registration Network. , 2021, , .		0