

Ran Lu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

760
citations

759233

12
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	FlyWire: online community for whole-brain connectomics. Nature Methods, 2022, 19, 119-128.	19.0	112
2	PAMELA satellite data as a signal of non-thermal wino LSP dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 151-160.	4.1	93
3	Reconstruction of neocortex: Organelles, compartments, cells, circuits, and activity. Cell, 2022, 185, 1082-1100.e24.	28.9	84
4	The neural basis for a persistent internal state in Drosophila females. ELife, 2020, 9, .	6.0	53
5	Geometric compatibility of IceCube TeV-PeV neutrino excess and its galactic dark matter origin. Journal of High Energy Physics, 2016, 2016, 1.	4.7	51
6	Structure and function of axo-axonic inhibition. ELife, 2021, 10, .	6.0	49
7	A new (string motivated) approach to the little hierarchy problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 56-61.	4.1	46
8	Convolutional nets for reconstructing neural circuits from brain images acquired by serial section electron microscopy. Current Opinion in Neurobiology, 2019, 55, 188-198.	4.2	38
9	Dark matter as a guide toward a light gluino at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 363-370.	4.1	31
10	Higgs mass prediction for realistic M theory. Physical Review D, 2012, 85, .	4.7	19
11	Theory and phenomenology of $\hat{1}/4$ in M theory. Journal of High Energy Physics, 2011, 2011, 1.	4.7	16
12	Learning and Segmenting Dense Voxel Embeddings for 3D Neuron Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3801-3811.	8.9	15
13	Top channel for early supersymmetry discovery at the LHC. Physical Review D, 2011, 84, .	4.7	12
14	J E T $\{ \}_{ E_T} \} \} \} : a global jet finding algorithm. Journal of High Energy Physics, 2015, 2015, 1.$	4.7	8
15	AxonEM Dataset: 3D Axon Instance Segmentation of Brain Cortical Regions. Lecture Notes in Computer Science, 2021, , 175-185.	1.3	6
16	R-parity conservation from a top down perspective. Journal of High Energy Physics, 2014, 2014, 1.	4.7	5
17	REVIEW AND UPDATE OF THE COMPACTIFIED M/STRING THEORY PREDICTION OF THE HIGGS BOSON MASS AND PROPERTIES. International Journal of Modern Physics A, 2013, 28, 1330002.	1.5	3