## Ran Lu

## List of Publications by Year in descending order

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759233 888059 17 760 12 17 citations h-index g-index papers 22 22 22 898 docs citations citing authors all docs times ranked

#	Article	IF	Citations
1	FlyWire: online community for whole-brain connectomics. Nature Methods, 2022, 19, 119-128.	19.0	112
2	Reconstruction of neocortex: Organelles, compartments, cells, circuits, and activity. Cell, 2022, 185, 1082-1100.e24.	28.9	84
3	Learning and Segmenting Dense Voxel Embeddings for 3D Neuron Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3801-3811.	8.9	15
4	AxonEM Dataset: 3D Axon Instance Segmentation of Brain Cortical Regions. Lecture Notes in Computer Science, 2021, , 175-185.	1.3	6
5	Structure and function of axo-axonic inhibition. ELife, 2021, 10, .	6.0	49
6	The neural basis for a persistent internal state in Drosophila females. ELife, 2020, 9, .	6.0	53
7	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
8	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
9	JET\$\$ {J}_{E_T}\$\$: a global jet finding algorithm. Journal of High Energy Physics, 2015, 2015, 1.	4.7	8
10	R-parity conservation from a top down perspective. Journal of High Energy Physics, 2014, 2014, 1.	4.7	5
11	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
12	Higgs mass prediction for realistic <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext mathvariant="normal">string</mml:mtext><mml:mo>/</mml:mo><mml:mi>M</mml:mi></mml:math> theory vacua. Physical Review D, 2012, 85, .	4.7	19
13	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
14	Theory and phenomenology of $\hat{l}$ in M theory. Journal of High Energy Physics, 2011, 2011, 1.	4.7	16
15	Top channel for early supersymmetry discovery at the LHC. Physical Review D, 2011, 84, .	4.7	12
16	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
17	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