Liya Ding

List of Publications by Year
in descending order

19 papers	1,927 citations	623734 14 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	2644 citing authors

#	ARTICLE	IF	CITATIONS
1	PARP Inhibition Elicits STING-Dependent Antitumor Immunity in Brca1-Deficient Ovarian Cancer. Cell Reports, 2018, 25, 2972-2980.e5.	6.4	381
2	A multimodal cell census and atlas of the mammalian primary motor cortex. Nature, 2021, 598, 86-102.	27.8	316
3	Morphological diversity of single neurons in molecularly defined cell types. Nature, 2021, 598, 174-181.	27.8	180
4	Vimentin Intermediate Filaments Template Microtubule Networks to Enhance Persistence in Cell Polarity and Directed Migration. Cell Systems, 2016, 3, 252-263.e8.	6.2	172
5	Clonal Production and Organization of Inhibitory Interneurons in the Neocortex. Science, 2011, 334, 480-486.	12.6	136
6	Cellular anatomy of the mouse primary motor cortex. Nature, 2021, 598, 159-166.	27.8	117
7	Vimentin fibers orient traction stress. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5195-5200.	7.1	115
8	Modelling and recognition of the linguistic components in American Sign Language. Image and Vision Computing, 2009, 27, 1826-1844.	4.5	109
9	Features versus Context: An Approach for Precise and Detailed Detection and Delineation of Faces and Facial Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 2022-2038.	13.9	106
10	Microtubule-dependent transport and dynamics of vimentin intermediate filaments. Molecular Biology of the Cell, 2015, 26, 1675-1686.	2.1	80
11	Using gene co-expression network analysis to predict biomarkers for chronic lymphocytic leukemia. BMC Bioinformatics, 2010, 11, S5.	2.6	61
12	Growth cone-specific functions of XMAP215 in restricting microtubule dynamics and promoting axonal outgrowth. Neural Development, 2013, 8, 22.	2.4	42
13	Piecewise-Stationary Motion Modeling and Iterative Smoothing to Track Heterogeneous Particle Motions in Dense Environments. IEEE Transactions on Image Processing, 2017, 26, 5395-5410.	9.8	31
14	Precise detailed detection of faces and facial features. , 2008, , .		14
15	Recovering the linguistic components of the manual signs in American Sign Language. , 2007, , .		8
16	Three-Dimensional Shape and Motion Reconstruction for the Analysis of American Sign Language. , 0, , .		3
17	<title>Automatic traffic real-time analysis system based on video</title>. , 2003, , .		2
18	Dual-mode quantitative imaging of wound tissue oxygenation and perfusion. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Detecting cellular events in brain cortex using time-lapse microscopy. , 2011, , .		0