

Bian Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1824049/publications.pdf>

Version: 2024-02-01

10
papers

404
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA unwinding heterogeneity by RecBCD results from static molecules able to equilibrate. Nature, 2013, 500, 482-485.	27.8	79
2	Extensive phosphorylation of AMPA receptors in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4920-7.	7.1	79
3	An ultrasensitive biosensor for high-resolution kinase activity imaging in awake mice. Nature Chemical Biology, 2021, 17, 39-46.	8.0	61
4	Differential vesicular sorting of AMPA and GABA _A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E922-31.	7.1	58
5	Imaging and energetics of single SSB-ssDNA molecules reveal intramolecular condensation and insight into RecOR function. ELife, 2015, 4, e08646.	6.0	57
6	Watching Individual Proteins Acting on Single Molecules of DNA. Methods in Enzymology, 2010, 472, 261-291.	1.0	41
7	Alteration of ð recognition by RecBCD reveals a regulated molecular latch and suggests a channel-bypass mechanism for biological control. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8907-8912.	7.1	27
8	Two-photon fluorescence imaging of embryo with much less damage than confocal imaging. , 2002, , .		1
9	Four-dimensional visualization and quantitative analysis of meiotic spindle movements in live mouse oocytes. Journal of Microscopy, 2012, 247, 252-258.	1.8	1
10	An Ultrasensitive PKA Biosensor for Multimodal Kinase Activity Detection and High-Resolution Imaging in Awake Mice. FASEB Journal, 2021, 35, .	0.5	0