

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