

De-en Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4150285/publications.pdf>

Version: 2024-02-01

12
papers

697
citations

932766

10
h-index

1199166

12
g-index

16
all docs

16
docs citations

16
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse deconvolution improves the resolution of live-cell super-resolution fluorescence microscopy. <i>Nature Biotechnology</i> , 2022, 40, 606-617.	9.4	140
2	An ultrasensitive homogeneous aptasensor for kanamycin based on upconversion fluorescence resonance energy transfer. <i>Biosensors and Bioelectronics</i> , 2014, 55, 149-156.	5.3	138
3	Next-generation unnatural monosaccharides reveal that ESRRB O-GlcNAcylation regulates pluripotency of mouse embryonic stem cells. <i>Nature Communications</i> , 2019, 10, 4065.	5.8	95
4	Click-ExM enables expansion microscopy for all biomolecules. <i>Nature Methods</i> , 2021, 18, 107-113.	9.0	91
5	Fluorescence resonance energy transfer biosensor between upconverting nanoparticles and palladium nanoparticles for ultrasensitive CEA detection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 791-798.	5.3	86
6	Mechanistic Investigation and Multiplexing of Liposome-Assisted Metabolic Glycan Labeling. <i>Journal of the American Chemical Society</i> , 2018, 140, 3592-3602.	6.6	48
7	Hybrid Indicators for Fast and Sensitive Voltage Imaging. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3949-3953.	7.2	34
8	Cell-type-specific labeling and profiling of glycans in living mice. <i>Nature Chemical Biology</i> , 2022, 18, 625-633.	3.9	21
9	Quantitative and Site-Specific Chemoproteomic Profiling of Protein O-GlcNAcylation in the Cell Cycle. <i>ACS Chemical Biology</i> , 2021, 16, 1917-1923.	1.6	17
10	Ultrasensitive Biosensing Platform Based on the Luminescence Quenching Ability of Plasmonic Palladium Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 4944-4948.	1.7	13
11	Hybrid Indicators for Fast and Sensitive Voltage Imaging. <i>Angewandte Chemie</i> , 2018, 130, 4013-4017.	1.6	4
12	Raman Imaging Shines a Light on Neurodegenerative Disorders. <i>ACS Central Science</i> , 2020, 6, 459-460.	5.3	2