

Oleg Klykov

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

599
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and robust proteome-wide approaches for cross-linking mass spectrometry. <i>Nature Protocols</i> , 2018, 13, 2964-2990.	12.0	153
2	First Community-Wide, Comparative Cross-Linking Mass Spectrometry Study. <i>Analytical Chemistry</i> , 2019, 91, 6953-6961.	6.5	100
3	Spacer capture and integration by a type I-F Cas1-Cas2-3 CRISPR adaptation complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5122-E5128.	7.1	89
4	Regulation of KIF1A-Driven Dense Core Vesicle Transport: Ca ²⁺ /CaM Controls DCV Binding and Liprin- β /TANC2 Recruits DCVs to Postsynaptic Sites. <i>Cell Reports</i> , 2018, 24, 685-700.	6.4	64
5	Structure of the <i>Arabidopsis thaliana</i> glutamate receptor-like channel GLR3.4. <i>Molecular Cell</i> , 2021, 81, 3216-3226.e8.	9.7	39
6	Quantification of N-hydroxysuccinimide and N-hydroxysulfosuccinimide by hydrophilic interaction chromatography (HILIC). <i>Analytical Methods</i> , 2015, 7, 6443-6448.	2.7	34
7	Missing regions within the molecular architecture of human fibrin clots structurally resolved by XL-MS and integrative structural modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1976-1987.	7.1	26
8	Label-free visual proteomics: Coupling MS- and EM-based approaches in structural biology. <i>Molecular Cell</i> , 2022, 82, 285-303.	9.7	21
9	Structure and desensitization of AMPA receptor complexes with type II TARP β 5 and GSG1L. <i>Molecular Cell</i> , 2021, 81, 4771-4783.e7.	9.7	17
10	<i>In Situ</i> Evaluation of Inorganic Matrix Effects on the Partitioning of Three Trace Elements (As, Tl, Pb) in a BT-20 Cell Line. <i>Journal of Proteome Research</i> , 2019, 18, 642-651.	3.7	13
11	LC-MS/MS with 2D mass mapping of skin secretions TM peptides as a reliable tool for interspecies identification inside <i>Rana esculenta</i> complex. <i>Peptides</i> , 2012, 34, 296-302.	2.4	14
12	Cross-ID: Analysis and Visualization of Complex XL-MS-Driven Protein Interaction Networks. <i>Journal of Proteome Research</i> , 2019, 18, 642-651.	3.7	13
13	Notch ¹ Jagged signaling complex defined by an interaction mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
14	Waffle method: an approach for cryo-FIB/SEM thin lamellae preparation. <i>Biophysical Journal</i> , 2022, 121, 130a.	0.5	0