

Zoe Hall

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,703
citations

16
h-index

28
g-index

28
ext. papers

2,019
ext. citations

8.7
avg, IF

4.69
L-index

#	Paper	IF	Citations
25	Collision cross sections of proteins and their complexes: a calibration framework and database for gas-phase structural biology. <i>Analytical Chemistry</i> , 2010 , 82, 9557-65	7.8	600
24	Charge-state dependent compaction and dissociation of protein complexes: insights from ion mobility and molecular dynamics. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3429-38	16.4	193
23	Do charge state signatures guarantee protein conformations?. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 1161-8	3.5	136
22	A mass spectrometry-based hybrid method for structural modeling of protein complexes. <i>Nature Methods</i> , 2014 , 11, 403-406	21.6	131
21	Structural modeling of heteromeric protein complexes from disassembly pathways and ion mobility-mass spectrometry. <i>Structure</i> , 2012 , 20, 1596-609	5.2	100
20	Lipid zonation and phospholipid remodeling in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017 , 65, 1165-1180	11.2	87
19	The role of salt bridges, charge density, and subunit flexibility in determining disassembly routes of protein complexes. <i>Structure</i> , 2013 , 21, 1325-37	5.2	71
18	The cholesterol biosynthesis pathway regulates IL-10 expression in human Th1 cells. <i>Nature Communications</i> , 2019 , 10, 498	17.4	62
17	Interrogating Membrane Protein Conformational Dynamics within Native Lipid Compositions. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15654-15657	16.4	58
16	Structural Lipids Enable the Formation of Functional Oligomers of the Eukaryotic Purine Symporter UapA. <i>Cell Chemical Biology</i> , 2018 , 25, 840-848.e4	8.2	46
15	Myc Expression Drives Aberrant Lipid Metabolism in Lung Cancer. <i>Cancer Research</i> , 2016 , 76, 4608-18	10.1	42
14	Liquid Extraction Surface Analysis Mass Spectrometry Method for Identifying the Presence and Severity of Nonalcoholic Fatty Liver Disease. <i>Analytical Chemistry</i> , 2017 , 89, 5161-5170	7.8	37
13	KniMet: a pipeline for the processing of chromatography-mass spectrometry metabolomics data. <i>Metabolomics</i> , 2018 , 14, 52	4.7	25
12	Uncovering the Early Assembly Mechanism for Amyloidogenic β -Microglobulin Using Cross-linking and Native Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2016 , 291, 4626-37	5.4	22
11	Lipid Remodeling in Hepatocyte Proliferation and Hepatocellular Carcinoma. <i>Hepatology</i> , 2021 , 73, 1028-1044	10.4	22
10	Italian cohort of patients affected by inflammatory bowel disease is characterised by variation in glycerophospholipid, free fatty acids and amino acid levels. <i>Metabolomics</i> , 2018 , 14, 140	4.7	18
9	Liver-Specific Deletion of Mouse Tm6sf2 Promotes Steatosis, Fibrosis, and Hepatocellular Cancer. <i>Hepatology</i> , 2021 , 74, 1203-1219	11.2	14

8	: an R package for annotation and interpretation of mass spectrometry imaging data for lipidomics. <i>Metabolomics</i> , 2017 , 13, 128	4.7	9
7	Interrogating Membrane Protein Conformational Dynamics within Native Lipid Compositions. <i>Angewandte Chemie</i> , 2017 , 129, 15860-15863	3.6	6
6	Myc linked to dysregulation of cholesterol transport and storage in nonsmall cell lung cancer. <i>Journal of Lipid Research</i> , 2020 , 61, 1390-1399	6.3	6
5	Suppression of insulin-induced gene 1 (INSIG1) function promotes hepatic lipid remodelling and restrains NASH progression. <i>Molecular Metabolism</i> , 2021 , 48, 101210	8.8	6
4	Moderate Exercise Inhibits Age-Related Inflammation, Liver Steatosis, Senescence, and Tumorigenesis. <i>Journal of Immunology</i> , 2021 , 206, 904-916	5.3	6
3	Intrinsically Disordered p53 and Its Complexes Populate Compact Conformations in the Gas Phase. <i>Angewandte Chemie</i> , 2013 , 125, 379-383	3.6	4
2	RNF43/ZNRF3 loss predisposes to hepatocellular-carcinoma by impairing liver regeneration and altering the liver lipid metabolic ground-state.. <i>Nature Communications</i> , 2022 , 13, 334	17.4	1
1	Response to Letter to the Editor.. <i>Hepatology</i> , 2022 ,	11.2	