

Gilbert G Priv

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.

27
papers

1,277
citations

17
h-index

29
g-index

29
ext. papers

1,530
ext. citations

11.3
avg, IF

4.73
L-index

#	Paper	IF	Citations
27	Detergents for the stabilization and crystallization of membrane proteins. <i>Methods</i> , 2007 , 41, 388-97	4.6	377
26	Prostate cancer. Ubiquitylome analysis identifies dysregulation of effector substrates in SPOP-mutant prostate cancer. <i>Science</i> , 2014 , 346, 85-89	33.3	157
25	Higher-order oligomerization promotes localization of SPOP to liquid nuclear speckles. <i>EMBO Journal</i> , 2016 , 35, 1254-75	13	113
24	Crystal structures of saposins A and C. <i>Protein Science</i> , 2006 , 15, 1849-57	6.3	76
23	Molecular imaging of membrane interfaces reveals mode of beta-glucosidase activation by saposin C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17394-9	11.5	62
22	Structure of saposin A lipoprotein discs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2908-12	11.5	61
21	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Adipokine. <i>Cell Metabolism</i> , 2019 , 30, 963-975.e7	24.6	55
20	Machine-Learning-Accelerated Perovskite Crystallization. <i>Matter</i> , 2020 , 2, 938-947	12.7	45
19	Lysosomal integral membrane protein-2 (LIMP-2/SCARB2) is involved in lysosomal cholesterol export. <i>Nature Communications</i> , 2019 , 10, 3521	17.4	43
18	Engineering the lac permease for purification and crystallization. <i>Journal of Bioenergetics and Biomembranes</i> , 1996 , 28, 29-34	3.7	41
17	Structure of Human Acid Sphingomyelinase Reveals the Role of the Saposin Domain in Activating Substrate Hydrolysis. <i>Journal of Molecular Biology</i> , 2016 , 428, 3026-42	6.5	34
16	Structural Insights into KCTD Protein Assembly and Cullin3 Recognition. <i>Journal of Molecular Biology</i> , 2016 , 428, 92-107	6.5	28
15	Specific peptides for the therapeutic targeting of oncogenes. <i>Current Opinion in Genetics and Development</i> , 2006 , 16, 71-7	4.9	28
14	Picodiscs for facile protein-glycolipid interaction analysis. <i>Analytical Chemistry</i> , 2015 , 87, 4402-8	7.8	24
13	TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. <i>Cell</i> , 2020 , 182, 297-316.e27	56.2	23
12	Screening Glycolipids Against Proteins in Vitro Using Picodiscs and Catch-and-Release Electrospray Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 4742-50	7.8	19
11	BCL6 Evolved to Enable Stress Tolerance in Vertebrates and Is Broadly Required by Cancer Cells to Adapt to Stress. <i>Cancer Discovery</i> , 2019 , 9, 662-679	24.4	19

10	Characterizing the Size and Composition of Saposin A Lipoprotein Picodiscs. <i>Analytical Chemistry</i> , 2016 , 88, 9524-9531	7.8	17
9	Mutations in the Fusion Protein of Measles Virus That Confer Resistance to the Membrane Fusion Inhibitors Carbobenzoxy-d-Phe-l-Phe-Gly and 4-Nitro-2-Phenylacetyl Amino-Benzamide. <i>Journal of Virology</i> , 2017 , 91,	6.6	15
8	Crystal structures of human lysosomal EPDR1 reveal homology with the superfamily of bacterial lipoprotein transporters. <i>Communications Biology</i> , 2019 , 2, 52	6.7	9
7	Detecting Protein-Glycolipid Interactions Using CaR-ESI-MS and Model Membranes: Comparison of Pre-loaded and Passively Loaded Picodiscs. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 1493-1504	3.5	7
6	Structure-guided approaches to targeting stress responses in human fungal pathogens. <i>Journal of Biological Chemistry</i> , 2020 , 295, 14458-14472	5.4	6
5	Crystal structure of GnsA from Escherichia coli. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 462, 1-7	3.4	5
4	In-Depth Mutational Analysis of the Promyelocytic Leukemia Zinc Finger BTB/POZ Domain Reveals Motifs and Residues Required for Biological and Transcriptional Functions. <i>Molecular and Cellular Biology</i> , 2000 , 20, 6550-6567	4.8	5
3	Molecular models should not be published without the corresponding atomic coordinates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11099-11100 ^{11.5}		4
2	Design and Development of Small Molecules for Specific Targeted Therapy of Diffuse Large B-Cell Lymphoma.. <i>Blood</i> , 2007 , 110, 799-799	2.2	3
1	Structures of RGL1 RAS-Association domain in complex with KRAS and the oncogenic G12V mutant.. <i>Journal of Molecular Biology</i> , 2022 , 167527	6.5	0