

Oleksiy Kovtun

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,655
citations

516710

16
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

2616
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and thermodynamic analysis of the GFP:GFP ϵ nanobody complex. <i>Protein Science</i> , 2010, 19, 2389-2401.	7.6	317
2	The Vps35 <sc>D620N</sc> Mutation Linked to Parkinson's Disease Disrupts the Cargo Sorting Function of Retromer. <i>Traffic</i> , 2014, 15, 230-244.	2.7	186
3	Cavin family proteins and the assembly of caveolae. <i>Journal of Cell Science</i> , 2015, 128, 1269-1278.	2.0	181
4	Structure of the membrane-assembled retromer coat determined by cryo-electron tomography. <i>Nature</i> , 2018, 561, 561-564.	27.8	169
5	Species-independent translational leaders facilitate cell-free expression. <i>Nature Biotechnology</i> , 2009, 27, 747-752.	17.5	132
6	Single-molecule analysis reveals self assembly and nanoscale segregation of two distinct cavin subcomplexes on caveolae. <i>ELife</i> , 2013, 3, e01434.	6.0	114
7	Leishmania cell-free protein expression system. <i>Methods</i> , 2011, 55, 58-64.	3.8	80
8	Structural Insights into the Organization of the Cavin Membrane Coat Complex. <i>Developmental Cell</i> , 2014, 31, 405-419.	7.0	79
9	Architecture of the AP2/clathrin coat on the membranes of clathrin-coated vesicles. <i>Science Advances</i> , 2020, 6, eaba8381.	10.3	75
10	Structural basis for VPS34 kinase activation by Rab1 and Rab5 on membranes. <i>Nature Communications</i> , 2021, 12, 1564.	12.8	50
11	Architecture and mechanism of metazoan retromer:SNX3 tubular coat assembly. <i>Science Advances</i> , 2021, 7, .	10.3	44
12	Structural Basis for Different Phosphoinositide Specificities of the PX Domains of Sorting Nexins Regulating G-protein Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 28554-28568.	3.4	43
13	Towards the Construction of Expressed Proteomes Using a Leishmania tarentolae Based Cell-Free Expression System. <i>PLoS ONE</i> , 2010, 5, e14388.	2.5	35
14	A phosphoinositide-binding cluster in cavin1 acts as a molecular sensor for cavin1 degradation. <i>Molecular Biology of the Cell</i> , 2015, 26, 3561-3569.	2.1	26
15	Cavin1 intrinsically disordered domains are essential for fuzzy electrostatic interactions and caveola formation. <i>Nature Communications</i> , 2021, 12, 931.	12.8	24
16	Isolation and Structural and Pharmacological Characterization of $\hat{\iota}$ -Elapitoxin-Dpp2d, an Amidated Three Finger Toxin from Black Mamba Venom. <i>Biochemistry</i> , 2014, 53, 3758-3766.	2.5	23
17	A variable undecad repeat domain in cavin1 regulates caveola formation and stability. <i>EMBO Reports</i> , 2018, 19, .	4.5	23
18	Subunit Organisation of In Vitro Reconstituted HOPS and CORVET Multisubunit Membrane Tethering Complexes. <i>PLoS ONE</i> , 2013, 8, e81534.	2.5	17

#	ARTICLE	IF	CITATIONS
19	FCHO controls AP2's initiating role in endocytosis through a PtdIns(4,5)P ₂ -dependent switch. <i>Science Advances</i> , 2022, 8, eabn2018.	10.3	14
20	The leader sequence of tobacco mosaic virus RNA devoid of Watson-Crick secondary structure possesses a cooperatively melted, compact conformation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 368-372.	2.1	12
21	Mutation analysis of the functional role of amino acid residues in domain IV of elongation factor G. <i>Molecular Biology</i> , 2006, 40, 764-769.	1.3	2