

Lenka Bittova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4098534/publications.pdf>

Version: 2024-02-01

19
papers

1,577
citations

516561

16
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of Rab9-mediated vesicle transport from endosomes to the trans-Golgi in living cells. <i>Journal of Cell Biology</i> , 2002, 156, 511-518.	2.3	281
2	Roles of Trp31 in High Membrane Binding and Proinflammatory Activity of Human Group V Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 11881-11888.	1.6	162
3	Rab9 GTPase Regulates Late Endosome Size and Requires Effector Interaction for Its Stability. <i>Molecular Biology of the Cell</i> , 2004, 15, 5420-5430.	0.9	143
4	Accelerated chromatin biochemistry using DNA-barcoded nucleosome libraries. <i>Nature Methods</i> , 2014, 11, 834-840.	9.0	129
5	A Structure-Function Study of the C2 Domain of Cytosolic Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 9665-9672.	1.6	128
6	Membrane Binding Assays for Peripheral Proteins. <i>Analytical Biochemistry</i> , 2001, 296, 153-161.	1.1	123
7	Roles of Ionic Residues of the C1 Domain in Protein Kinase C- β Activation and the Origin of Phosphatidylserine Specificity. <i>Journal of Biological Chemistry</i> , 2001, 276, 4218-4226.	1.6	114
8	A two-state activation mechanism controls the histone methyltransferase Suv39h1. <i>Nature Chemical Biology</i> , 2016, 12, 188-193.	3.9	90
9	Mechanism of Human Group V Phospholipase A2(PLA2)-induced Leukotriene Biosynthesis in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2001, 276, 11126-11134.	1.6	87
10	The juvenile hormone receptor as a target of juvenoid insect growth regulators. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21615.	0.6	60
11	Membrane Penetration of Cytosolic Phospholipase A2Is Necessary for Its Interfacial Catalysis and Arachidonate Specificity. <i>Biochemistry</i> , 1998, 37, 14128-14136.	1.2	45
12	X-ray structure of ILL2, an auxin-conjugate amidohydrolase from <i>Arabidopsis thaliana</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 74, 61-71.	1.5	42
13	Structure of Human J-type Co-chaperone HscB Reveals a Tetracysteine Metal-binding Domain. <i>Journal of Biological Chemistry</i> , 2008, 283, 30184-30192.	1.6	38
14	Exquisite ligand stereoselectivity of a <i>Drosophila</i> juvenile hormone receptor contrasts with its broad agonist repertoire. <i>Journal of Biological Chemistry</i> , 2019, 294, 410-423.	1.6	37
15	A Phospholipase A2 Kinetic and Binding Assay Using Phospholipid-Coated Hydrophobic Beads. <i>Analytical Biochemistry</i> , 1997, 250, 109-116.	1.1	36
16	X-ray structure of <i>Danio rerio</i> secretagogin: A hexameric hand calcium sensor. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 477-483.	1.5	22
17	A decade with the juvenile hormone receptor. <i>Advances in Insect Physiology</i> , 2021, 60, 37-85.	1.1	19
18	Purification of an insect juvenile hormone receptor complex enables insights into its post-translational phosphorylation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101387.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Binding of de novo synthesized radiolabeled juvenile hormone (JH III) by JH receptors from the Cuban subterranean termite <i>Prorhinotermes simplex</i> and the German cockroach <i>Blattella germanica</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021, 139, 103671.	1.2	7