Lenka Bittova

List of Publications by Year
in descending order

19	1,577	516710 16	794594 19
papers	citations	h-index	g-index

19	19	19	2080
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visualization of Rab9-mediated vesicle transport from endosomes to the trans-Golgi in living cells. Journal of Cell Biology, 2002, 156, 511-518.	5.2	281
2	Roles of Trp31 in High Membrane Binding and Proinflammatory Activity of Human Group V Phospholipase A2. Journal of Biological Chemistry, 1999, 274, 11881-11888.	3.4	162
3	Rab9 GTPase Regulates Late Endosome Size and Requires Effector Interaction for Its Stability. Molecular Biology of the Cell, 2004, 15, 5420-5430.	2.1	143
4	Accelerated chromatin biochemistry using DNA-barcoded nucleosome libraries. Nature Methods, 2014, 11, 834-840.	19.0	129
5	A Structure-Function Study of the C2 Domain of Cytosolic Phospholipase A2. Journal of Biological Chemistry, 1999, 274, 9665-9672.	3.4	128
6	Membrane Binding Assays for Peripheral Proteins. Analytical Biochemistry, 2001, 296, 153-161.	2.4	123
7	Roles of Ionic Residues of the C1 Domain in Protein Kinase C-Î± Activation and the Origin of Phosphatidylserine Specificity. Journal of Biological Chemistry, 2001, 276, 4218-4226.	3.4	114
8	A two-state activation mechanism controls the histone methyltransferase Suv39h1. Nature Chemical Biology, 2016, 12, 188-193.	8.0	90
9	Mechanism of Human Group V Phospholipase A2(PLA2)-induced Leukotriene Biosynthesis in Human Neutrophils. Journal of Biological Chemistry, 2001, 276, 11126-11134.	3.4	87
10	The juvenile hormone receptor as a target of juvenoid â€œinsect growth regulatorsâ€• Archives of Insect Biochemistry and Physiology, 2020, 103, e21615.	1.5	60
11	Membrane Penetration of Cytosolic Phospholipase A2Is Necessary for Its Interfacial Catalysis and Arachidonate Specificityâ€. Biochemistry, 1998, 37, 14128-14136.	2.5	45
12	Xâ€ray structure of ILL2, an auxinâ€conjugate amidohydrolase from Arabidopsis thaliana. Proteins: Structure, Function and Bioinformatics, 2009, 74, 61-71.	2.6	42
13	Structure of Human J-type Co-chaperone HscB Reveals a Tetracysteine Metal-binding Domain. Journal of Biological Chemistry, 2008, 283, 30184-30192.	3.4	38
14	Exquisite ligand stereoselectivity of a Drosophila juvenile hormone receptor contrasts with its broad agonist repertoire. Journal of Biological Chemistry, 2019, 294, 410-423.	3.4	37
15	A Phospholipase A2Kinetic and Binding Assay Using Phospholipid-Coated Hydrophobic Beads. Analytical Biochemistry, 1997, 250, 109-116.	2.4	36
16	Xâ€ray structure of Danio rerio secretagogin: A hexaâ€EFâ€hand calcium sensor. Proteins: Structure, Function and Bioinformatics, 2009, 76, 477-483.	2.6	22
17	A decade with the juvenile hormone receptor. Advances in Insect Physiology, 2021, 60, 37-85.	2.7	19
18	Purification of an insect juvenile hormone receptor complex enables insights into its post-translational phosphorylation. Journal of Biological Chemistry, 2021, 297, 101387.	3.4	14

#	Article	IF	Citations
19	Binding of de novo synthesized radiolabeled juvenile hormone (JH III) by JH receptors from the Cuban subterranean termite Prorhinotermes simplex and the German cockroach Blattella germanica. Insect Biochemistry and Molecular Biology, 2021, 139, 103671.	2.7	7