

Lenka Bittova

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,577
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2080
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A decade with the juvenile hormone receptor. <i>Advances in Insect Physiology</i> , 2021, 60, 37-85. | 2.7 | 19 |
| 2 | Binding of de novo synthesized radiolabeled juvenile hormone (JH III) by JH receptors from the Cuban subterranean termite <i>Prorethia simplex</i> and the German cockroach <i>Blattella germanica</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021, 139, 103671. | 2.7 | 7 |
| 3 | Purification of an insect juvenile hormone receptor complex enables insights into its post-translational phosphorylation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101387. | 3.4 | 14 |
| 4 | The juvenile hormone receptor as a target of juvenoid "insect growth regulators". <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21615. | 1.5 | 60 |
| 5 | 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. | 3.4 | 37 |
| 6 | A two-state activation mechanism controls the histone methyltransferase Suv39h1. <i>Nature Chemical Biology</i> , 2016, 12, 188-193. | 8.0 | 90 |
| 7 | Accelerated chromatin biochemistry using DNA-barcoded nucleosome libraries. <i>Nature Methods</i> , 2014, 11, 834-840. | 19.0 | 129 |
| 8 | 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. | 2.6 | 42 |
| 9 | X-ray structure of <i>Danio rerio</i> secretagogin: A hexameric calcium sensor. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 477-483. | 2.6 | 22 |
| 10 | Structure of Human J-type Co-chaperone HscB Reveals a Tetracysteine Metal-binding Domain. <i>Journal of Biological Chemistry</i> , 2008, 283, 30184-30192. | 3.4 | 38 |
| 11 | Rab9 GTPase Regulates Late Endosome Size and Requires Effector Interaction for Its Stability. <i>Molecular Biology of the Cell</i> , 2004, 15, 5420-5430. | 2.1 | 143 |
| 12 | 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. | 5.2 | 281 |
| 13 | Membrane Binding Assays for Peripheral Proteins. <i>Analytical Biochemistry</i> , 2001, 296, 153-161. | 2.4 | 123 |
| 14 | Roles of Ionic Residues of the C1 Domain in Protein Kinase C- δ Activation and the Origin of Phosphatidylserine Specificity. <i>Journal of Biological Chemistry</i> , 2001, 276, 4218-4226. | 3.4 | 114 |
| 15 | Mechanism of Human Group V Phospholipase A2(PLA2)-induced Leukotriene Biosynthesis in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2001, 276, 11126-11134. | 3.4 | 87 |
| 16 | A Structure-Function Study of the C2 Domain of Cytosolic Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 9665-9672. | 3.4 | 128 |
| 17 | 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. | 3.4 | 162 |
| 18 | Membrane Penetration of Cytosolic Phospholipase A2Is Necessary for Its Interfacial Catalysis and Arachidonate Specificity. <i>Biochemistry</i> , 1998, 37, 14128-14136. | 2.5 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Phospholipase A2 Kinetic and Binding Assay Using Phospholipid-Coated Hydrophobic Beads. Analytical Biochemistry, 1997, 250, 109-116. | 2.4 | 36 |