

Martin Klima

List of Publications by Year in descending order

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papers

439
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687363
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docs citations

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times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insights and in vitro reconstitution of membrane targeting and activation of human PI4KB by the ACBD3 protein. <i>Scientific Reports</i> , 2016, 6, 23641.	3.3	81
2	Rational Design of Novel Highly Potent and Selective Phosphatidylinositol 4-Kinase III β (PI4KB) Inhibitors as Broad-Spectrum Antiviral Agents and Tools for Chemical Biology. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 100-118.	6.4	50
3	Kobuviral Non-structural 3A Proteins Act as Molecular Harnesses to Hijack the Host ACBD3 Protein. <i>Structure</i> , 2017, 25, 219-230.	3.3	40
4	T-cell activation triggers death receptor-6 expression in a NF- κ B and NF-AT dependent manner. <i>Molecular Immunology</i> , 2011, 48, 1439-1447.	2.2	32
5	Functional analysis of the posttranslational modifications of the death receptor 6. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1579-1587.	4.1	31
6	Structural analysis of phosphatidylinositol 4-kinase III β (PI4KB) and 14-3-3 protein complex reveals internal flexibility and explains 14-3-3 mediated protection from degradation in vitro. <i>Journal of Structural Biology</i> , 2017, 200, 36-44.	2.8	28
7	Convergent evolution in the mechanisms of ACBD3 recruitment to picornavirus replication sites. <i>PLoS Pathogens</i> , 2019, 15, e1007962.	4.7	26
8	The high-resolution crystal structure of phosphatidylinositol 4-kinase III β and the crystal structure of phosphatidylinositol 4-kinase III α containing a nucleoside analogue provide a structural basis for isoform-specific inhibitor design. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1555-1563.	2.5	21
9	Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 423-436.	4.9	20
10	Inhibition of vacuolar ATPase attenuates the TRAIL-induced activation of caspase-8 and modulates the trafficking of TRAIL receptors. <i>FEBS Journal</i> , 2013, 280, 3436-3450.	4.7	19
11	Negative charge and membrane-tethered viral 3B cooperate to recruit viral RNA dependent RNA polymerase 3D pol. <i>Scientific Reports</i> , 2017, 7, 17309.	3.3	18
12	Phosphatidylinositol 4-kinase III β (PI4KB) forms highly flexible heterocomplexes that include ACBD3, 14-3-3, and Rab11 proteins. <i>Scientific Reports</i> , 2019, 9, 567.	3.3	17
13	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 184-191.	3.0	16
14	Crystal structures of a yeast 14-3-3 protein from <i>Lachancea thermotolerans</i> in the unliganded form and bound to a human lipid kinase PI4KB-derived peptide reveal high evolutionary conservation. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 799-803.	0.8	12
15	Localization of SARS-CoV-2 Capping Enzymes Revealed by an Antibody against the nsp10 Subunit. <i>Viruses</i> , 2021, 13, 1487.	3.3	12
16	Metal ions binding T4 lysozyme as an intramolecular protein purification tag compatible with X-ray crystallography. <i>Protein Science</i> , 2017, 26, 1116-1123.	7.6	7
17	Structural basis for hijacking of the host ACBD3 protein by bovine and porcine enteroviruses and kobuviruses. <i>Archives of Virology</i> , 2020, 165, 355-366.	2.1	7
18	The mycobacterial <i>guaB1</i> gene encodes a guanosine 5'-monophosphate reductase with a cystathionine synthase domain. <i>FEBS Journal</i> , 2022, 289, 5571-5598.	4.7	2