

Silke Kleinboelting

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6515101/publications.pdf>

Version: 2024-02-01

7
papers

276
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structures of human soluble adenylyl cyclase reveal mechanisms of catalysis and of its activation through bicarbonate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3727-3732.	7.1	113
2	Discovery of LRE1 as a specific and allosteric inhibitor of soluble adenylyl cyclase. <i>Nature Chemical Biology</i> , 2016, 12, 838-844.	8.0	74
3	A Universal Stress Protein (USP) in Mycobacteria Binds cAMP. <i>Journal of Biological Chemistry</i> , 2015, 290, 12731-12743.	3.4	30
4	Bithionol Potently Inhibits Human Soluble Adenylyl Cyclase through Binding to the Allosteric Activator Site. <i>Journal of Biological Chemistry</i> , 2016, 291, 9776-9784.	3.4	25
5	Structural analysis of human soluble adenylyl cyclase and crystal structures of its nucleotide complexes—Implications for cyclase catalysis and evolution. <i>FEBS Journal</i> , 2014, 281, 4151-4164.	4.7	24
6	Expression, purification, crystallization and preliminary X-ray diffraction analysis of a mammalian type 10 adenylyl cyclase. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 467-469.	0.8	7
7	Crystal structure and enzymatic characterization of the putative adenylyl cyclase HpAC1 from <i>Hippeastrum</i> reveal dominant triphosphatase activity. <i>Journal of Structural Biology</i> , 2020, 212, 107649.	2.8	3