

Tobias Linder

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

199
citations

1163117

8
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydroevodiamine and hortiamine, alkaloids from the traditional Chinese herbal drug <i>Evodia rutaecarpa</i> , are IKr blockers with proarrhythmic effects in vitro and in vivo. <i>Pharmacological Research</i> , 2018, 131, 150-163.	7.1	23
2	Drug trapping in hERG K ⁺ channels: (not) a matter of drug size?. <i>MedChemComm</i> , 2016, 7, 512-518.	3.4	11
3	Molecular Dynamics Simulations of KirBac1.1 Mutants Reveal Global Gating Changes of Kir Channels. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 814-822.	5.4	21
4	Structural Insights into Trapping and Dissociation of Small Molecules in K ⁺ Channels. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 3218-3228.	5.4	6
5	Activation Gating of KcsA: New Insights into Cooperativity and Energy Landscape from Essential Dynamics Simulations. <i>Biophysical Journal</i> , 2013, 104, 128a-129a.	0.5	0
6	Drug Trapping in hERG Channels does not Require Closure of the Activation Gate. <i>Biophysical Journal</i> , 2013, 104, 266a.	0.5	0
7	Efficient and specific cardiac IK1 inhibition by a new pentamidine analogue. <i>Cardiovascular Research</i> , 2013, 99, 203-214.	3.8	36
8	Probing the Energy Landscape of Activation Gating of the Bacterial Potassium Channel KcsA. <i>PLoS Computational Biology</i> , 2013, 9, e1003058.	3.2	31
9	Pore Gating of K ⁺ Channels Studied by Essential Dynamics Simulations using the Simplified Bacterial K ⁺ Channel KcsA. <i>Biophysical Journal</i> , 2012, 102, 397a.	0.5	0
10	Neutralisation of a single voltage sensor affects gating determinants in all four pore-forming S6 segments of CaV1.2: a cooperative gating model. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 391-401.	2.8	13
11	Leoligin, the major lignan from Edelweiss, activates cholesteryl ester transfer protein. <i>Atherosclerosis</i> , 2011, 219, 109-115.	0.8	35
12	In silico Analysis of Conformational Changes Induced by Mutation of Aromatic Binding Residues: Consequences for Drug Binding in the hERG K ⁺ Channel. <i>PLoS ONE</i> , 2011, 6, e28778.	2.5	23