Tobias Linder

List of Publications by Year
in descending order

12	199	1163117 8	1474206 9
papers	citations	h-index	g-index

12	12	12	354
all docs	docs citations	times ranked	citing authors

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