Roner Ferreira da Costa

List of Publications by Year
in descending order

14	270	1039406	1125271
papers	citations	9 h-index	13 g-index

14	14	14	276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Explaining statin inhibition effectiveness of HMG-CoA reductase by quantum biochemistry computations. Physical Chemistry Chemical Physics, 2012, 14, 1389-1398.	1.3	61
2	Quantum molecular modelling of ibuprofen bound to human serum albumin. RSC Advances, 2015, 5, 49439-49450.	1.7	42
3	Antipsychotic Haloperidol Binding to the Human Dopamine D3 Receptor: Beyond Docking Through QM/MM Refinement Toward the Design of Improved Schizophrenia Medicines. ACS Chemical Neuroscience, 2014, 5, 1041-1054.	1.7	37
4	A quantum biochemistry investigation of willardiine partial agonism in AMPA receptors. Physical Chemistry Chemical Physics, 2015, 17, 13092-13103.	1.3	31
5	Inactivation of Ovine Cyclooxygenase-1 by Bromoaspirin and Aspirin: A Quantum Chemistry Description. Journal of Physical Chemistry B, 2012, 116, 3270-3279.	1.2	20
6	The quantum biophysics of the isoniazid adduct NADH binding to its InhA reductase target. New Journal of Chemistry, 2014, 38, 2946.	1.4	18
7	Quantum Biochemistry Description of the Human Dopamine D3 Receptor in Complex with the Selective Antagonist Eticlopride. Journal of Proteomics and Bioinformatics, 2012, 05, .	0.4	15
8	Two Binding Geometries for Risperidone in Dopamine D3 Receptors: Insights on the Fast-Off Mechanism through Docking, Quantum Biochemistry, and Molecular Dynamics Simulations. ACS Chemical Neuroscience, 2016, 7, 1331-1347.	1.7	14
9	Rose Bengal incorporated to Î±-cyclodextrin microparticles for photodynamic therapy against the cariogenic microorganism Streptococcus mutans. Photodiagnosis and Photodynamic Therapy, 2019, 25, 111-118.	1.3	14
10	Antitumor Potential of the Isoflavonoids (+)- and (â^')-2,3,9-Trimethoxypterocarpan: Mechanism-of-Action Studies. ACS Medicinal Chemistry Letters, 2020, 11, 1274-1280.	1.3	6
11	As nanopartÃculas como ferramentas biolÃ³gicas: uma revisÃ£o exploratÃ³ria. Research, Society and Development, 2020, 9, e363974155.	0.0	6
12	Interaction energy profile for diphenyl diselenide in complex with Î´-aminolevulinic acid dehydratase enzyme using quantum calculations and a molecular fragmentation method. Computational Toxicology, 2018, 7, 9-19.	1.8	5
13	MOLECULAR FRACTIONATION WITH CONJUGATE CAPS STUDY OF THE INTERACTION OF THE ANACARDIC ACID WITH THE ACTIVE SITE OF TRYPANOSOMA CRUZI GAPDH ENZYME: A QUANTUM INVESTIGATION. Asian Journal of Pharmaceutical and Clinical Research, 2019, , 183-189.	0.3	1
14	Quantum analysis/improvement of antipsychotic's docking results. FASEB Journal, 2013, 27, 810.9.	0.2	0