Marino Convertino

List of Publications by Year
in descending order

23	838	516710 16	642732 23
papers	citations	h-index	g-index

24	24	24	1703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complete Phenotypic Recovery of an Alzheimer's Disease Model by a Quinone-Tryptophan Hybrid Aggregation Inhibitor. PLoS ONE, 2010, 5, e11101.	2.5	129
2	9,10â€Anthraquinone hinders Î²â€aggregation: How does a small molecule interfere with Aβâ€peptide amyloid fibrillation?. Protein Science, 2009, 18, 792-800.	7.6	91
3	Pharmacological Chaperones: Design and Development of New Therapeutic Strategies for the Treatment of Conformational Diseases. ACS Chemical Biology, 2016, 11, 1471-1489.	3.4	85
4	miRNA-711 Binds and Activates TRPA1 Extracellularly to Evoke Acute and Chronic Pruritus. Neuron, 2018, 99, 449-463.e6.	8.1	79
5	Carnosine Inhibits Aβ₄₂ Aggregation by Perturbing the Hâ€Bond Network in and around the Central Hydrophobic Cluster. ChemBioChem, 2013, 14, 583-592.	2.6	76
6	Disordered Binding of Small Molecules to Aβ(12â€“28). Journal of Biological Chemistry, 2011, 286, 41578-41588.	3.4	46
7	Reversible and Tunable Photoswitching of Protein Function through Genetic Encoding of Azobenzene Amino Acids in Mammalian Cells. ChemBioChem, 2018, 19, 2178-2185.	2.6	40
8	Structural and functional interactions between six-transmembrane Î¼-opioid receptors and Î²2-adrenoreceptors modulate opioid signaling. Scientific Reports, 2016, 5, 18198.	3.3	34
9	The Molecular Basis for Dual Fatty Acid Amide Hydrolase (FAAH)/Cyclooxygenase (COX) Inhibition. ChemMedChem, 2016, 11, 1252-1258.	3.2	33
10	Structural Basis for Inhibiting Î²-Amyloid Oligomerization by a Non-coded Î²-Breaker-Substituted Endomorphin Analogue. ACS Chemical Biology, 2011, 6, 1265-1276.	3.4	32
11	An optimized polyamine moiety boosts the potency of human type II topoisomerase poisons as quantified by comparative analysis centered on the clinical candidate F14512. Chemical Communications, 2015, 51, 14310-14313.	4.1	32
12	Differences in the Antinociceptive Effects and Binding Properties of Propranolol and Bupranolol Enantiomers. Journal of Pain, 2015, 16, 1321-1333.	1.4	27
13	Î¼-Opioid receptor 6-transmembrane isoform: A potential therapeutic target for new effective opioids. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 62, 61-67.	4.8	26
14	Discovery of Novel Adenosine Receptor Antagonists through a Combined Structure- and Ligand-Based Approach Followed by Molecular Dynamics Investigation of Ligand Binding Mode. Journal of Chemical Information and Modeling, 2018, 58, 794-815.	5.4	22
15	ApoE4-specific Misfolded Intermediate Identified by Molecular Dynamics Simulations. PLoS Computational Biology, 2015, 11, e1004359.	3.2	21
16	Methylations of Tryptophan-Modified Naphthoquinone Affect Its Inhibitory Potential toward Aβ Aggregation. Journal of Physical Chemistry B, 2013, 117, 1780-1789.	2.6	16
17	Docking and Scoring with Target-Specific Pose Classifier Succeeds in Native-Like Pose Identification But Not Binding Affinity Prediction in the CSAR 2014 Benchmark Exercise. Journal of Chemical Information and Modeling, 2016, 56, 1032-1041.	5.4	15
18	Differential Regulation of 6- and 7-Transmembrane Helix Variants of Î¼-Opioid Receptor in Response to Morphine Stimulation. PLoS ONE, 2015, 10, e0142826.	2.5	14

#	Article	IF	Citations
19	Stabilization of Î¼â€opioid receptor facilitates its cellular translocation and signaling. Proteins: Structure, Function and Bioinformatics, 2019, 87, 878-884.	2.6	6
20	Computational Modeling of Small Molecule Ligand Binding Interactions and Affinities. Methods in Molecular Biology, 2016, 1414, 23-32.	0.9	4
21	Reducing the Flexibility of Typeâ€…II Dehydroquinase for Inhibition: A Fragmentâ€Based Approach and Molecular Dynamics Study. ChemMedChem, 2017, 12, 1512-1524.	3.2	4
22	Identification and characterization of novel candidate compounds targeting 6â€•and 7â€‡transmembrane Î¼â€opioid receptor isoforms. British Journal of Pharmacology, 2021, 178, 2709-2726.	5.4	4
23	Molecular Mechanisms of the R61T Mutation in Apolipoprotein E4: A Dynamic Rescue. Biophysical Journal, 2017, 113, 2192-2198.	0.5	2