Daniel A GarcÃ-a

List of Publications by Year
in descending order

32 papers	725 citations	516710 16 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	749 citing authors

#	Article	IF	Citations
1	Insect RDL Receptor Models for Virtual Screening: Impact of the Template Conformational State in Pentameric Ligand-Gated Ion Channels. ACS Omega, 2022, 7, 1988-2001.	3.5	2
2	The insecticide fipronil affects the physical properties of model membranes: A combined experimental and molecular dynamics simulations study in Langmuir monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183378.	2.6	11
3	Effects of gabergic phenols on the dynamic and structure of lipid bilayers: A molecular dynamic simulation approach. PLoS ONE, 2019, 14, e0218042.	2.5	7
4	One-pot microwave assisted synthesis and structural elucidation of novel ethyl 3-substituted-7-methylindolizine-1-carboxylates with larvicidal activity against Anopheles arabiensis. Journal of Molecular Structure, 2018, 1156, 377-384.	3.6	36
5	Interaction of gabaergic ketones with model membranes: A molecular dynamics and experimental approach. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1563-1570.	2.6	7
6	Membrane effects of dihydropyrimidine analogues with larvicidal activity. Colloids and Surfaces B: Biointerfaces, 2017, 150, 106-113.	5.0	14
7	Neuroprotective effects of gabaergic phenols correlated with their pharmacological and antioxidant properties. Life Sciences, 2017, 175, 11-15.	4.3	14
8	Flunitrazepamâ€“Membrane Binding. , 2016, , 445-452.		3
9	Effects of bioactive monoterpenic ketones on membrane organization. A langmuir film study. Chemistry and Physics of Lipids, 2016, 198, 39-45.	3.2	16
10	Synthesis, Polymorphism, and Insecticidal Activity of Methyl 4â€(4â€chlorophenyl)â€8â€iodoâ€2â€methylâ€6â€oxoâ€1,6â€dihydroâ€4Hâ€pyrimido[2,1â€b]quinazolineâ€3â€Carbox Against Anopheles arabiensis Mosquito. Chemical Biology and Drug Design, 2016, 88, 88-96.	3.2	20
11	Inhibitory Effects of Carvone Isomers on the GABA_A Receptor in Primary Cultures of Rat Cortical Neurons. Chirality, 2014, 26, 368-372.	2.6	24
12	Probing the Combined Effect of Flunitrazepam and Lidocaine on the Stability and Organization of Bilayer Lipid Membranes. A Differential Scanning Calorimetry and Dynamic Light Scattering Study. Cell Biochemistry and Biophysics, 2013, 66, 461-475.	1.8	6
13	Effects of propofol and other GABAergic phenols on membrane molecular organization. Colloids and Surfaces B: Biointerfaces, 2013, 101, 61-67.	5.0	31
14	Effects of Gabaergic Phenols on Phospholipid Bilayers as Evaluated by ¹H-NMR. Journal of Biomaterials and Nanobiotechnology, 2013, 04, 28-34.	0.5	21
15	Comparative Antioxidant Properties of Some Gabaergic Phenols and Related Compounds, Determined for Homogeneous and Membrane Systems. Medicinal Chemistry, 2011, 7, 317-324.	1.5	13
16	GABAA Receptor Binding and Ion Channel Function in Primary Neuronal Cultures for Neuropharmacology/Neurotoxicity Testing. Neuromethods, 2011, , 481-493.	0.3	6
17	GABAA receptor and cell membrane potential as functional endpoints in cultured neurons to evaluate chemicals for human acute toxicity. Neurotoxicology and Teratology, 2010, 32, 52-61.	2.4	14
18	Stereoâ€selective activity of menthol on GABA_A receptor. Chirality, 2009, 21, 525-530.	2.6	24

#	Article	IF	Citations
19	Lipophilicity of some GABAergic phenols and related compounds determined by HPLC and partition coefficients in different systems. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 686-691.	2.8	52
20	GABA released from cultured cortical neurons influences the modulation of t-[35S]butylbicyclophosphorothionate binding at the GABAA receptor. European Journal of Pharmacology, 2008, 600, 26-31.	3.5	23
21	Activity of B-Nor Analogues of Neurosteroids on the GABAAReceptor in Primary Neuronal Cultures. Journal of Medicinal Chemistry, 2006, 49, 3225-3234.	6.4	27
22	Allosteric positive interaction of thymol with the GABAA receptor in primary cultures of mouse cortical neurons. Neuropharmacology, 2006, 50, 25-35.	4.1	113
23	Surface activity of thymol: implications for an eventual pharmacological activity. Colloids and Surfaces B: Biointerfaces, 2004, 34, 77-86.	5.0	84
24	Effects of flunitrazepam on the LÎ±-HII phase transition of phosphatidylethanolamine using merocyanine 540 as a fluorescent indicator. Colloids and Surfaces B: Biointerfaces, 2004, 37, 61-69.	5.0	4
25	Stress-induced decrement in the plasticity of the physical properties of chick brain membranes. Molecular Membrane Biology, 2002, 19, 221-228.	2.0	9
26	Flunitrazepam-membrane non-specific binding and unbinding: two pathways with different energy barriers. Biophysical Chemistry, 2002, 95, 157-164.	2.8	13
27	Flunitrazepam induces geometrical changes at the lipidâ€“water interface. Colloids and Surfaces B: Biointerfaces, 2001, 20, 63-72.	5.0	22
28	T-maze behaviour in domestic chicks: a search for underlying variables. Animal Behaviour, 1999, 58, 211-217.	1.9	34
29	Supramolecular events modulate flunitrazepam partitioning into natural and model membranes. Colloids and Surfaces B: Biointerfaces, 1997, 9, 49-57.	5.0	21
30	The essential oil fromTagetes minuta L. modulates the binding of [3H]flunitrazepam to crude membranes from chick brain. Lipids, 1995, 30, 1105-1110.	1.7	19
31	Partitioning of 1, 4-benzodiazepines into natural membranes. Molecular Membrane Biology, 1995, 12, 217-224.	2.0	22
32	Non-labelled benzodiazepines partitioned into synaptosomal membranes: their extraction and quantification by high performance liquid chromatography. Biomedical Chromatography, 1992, 6, 183-190.	1.7	13