

# Daniel A García-a

## List of Publications by Year in descending order

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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	Allosteric positive interaction of thymol with the GABA <sub>A</sub> receptor in primary cultures of mouse cortical neurons. <i>Neuropharmacology</i> , 2006, 50, 25-35.	4.1	113
2	Surface activity of thymol: implications for an eventual pharmacological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 34, 77-86.	5.0	84
3	Lipophilicity of some GABAergic phenols and related compounds determined by HPLC and partition coefficients in different systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 686-691.	2.8	52
4	One-pot microwave assisted synthesis and structural elucidation of novel ethyl 3-substituted-7-methylindolizine-1-carboxylates with larvicidal activity against <i>Anopheles arabiensis</i> . <i>Journal of Molecular Structure</i> , 2018, 1156, 377-384.	3.6	36
5	T-maze behaviour in domestic chicks: a search for underlying variables. <i>Animal Behaviour</i> , 1999, 58, 211-217.	1.9	34
6	Effects of propofol and other GABAergic phenols on membrane molecular organization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 61-67.	5.0	31
7	Activity of B-Nor Analogues of Neurosteroids on the GABA <sub>A</sub> Receptor in Primary Neuronal Cultures. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3225-3234.	6.4	27
8	Stereoselective activity of menthol on GABA <sub>A</sub> receptor. <i>Chirality</i> , 2009, 21, 525-530.	2.6	24
9	Inhibitory Effects of Carvone Isomers on the GABA <sub>A</sub> Receptor in Primary Cultures of Rat Cortical Neurons. <i>Chirality</i> , 2014, 26, 368-372.	2.6	24
10	GABA released from cultured cortical neurons influences the modulation of t-[ <sup>35</sup> S]butylbicyclophosphorothionate binding at the GABA <sub>A</sub> receptor. <i>European Journal of Pharmacology</i> , 2008, 600, 26-31.	3.5	23
11	Partitioning of 1, 4-benzodiazepines into natural membranes. <i>Molecular Membrane Biology</i> , 1995, 12, 217-224.	2.0	22
12	Flunitrazepam induces geometrical changes at the lipid-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001, 20, 63-72.	5.0	22
13	Supramolecular events modulate flunitrazepam partitioning into natural and model membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 1997, 9, 49-57.	5.0	21
14	Effects of GABAergic Phenols on Phospholipid Bilayers as Evaluated by <sup>1</sup> H-NMR. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2013, 04, 28-34.	0.5	21
15	Synthesis, Polymorphism, and Insecticidal Activity of Methyl 4-(4-chlorophenyl)-2-methyl-6-oxo-1,6-dihydro-4H-pyrimido[2,1-b]quinazoline-3-carboxylate Against <i>Anopheles arabiensis</i> Mosquito. <i>Chemical Biology and Drug Design</i> , 2016, 88, 88-96.		
16	The essential oil from <i>Tagetes minuta</i> L. modulates the binding of [ <sup>3</sup> H]flunitrazepam to crude membranes from chick brain. <i>Lipids</i> , 1995, 30, 1105-1110.	1.7	19
17	Effects of bioactive monoterpene ketones on membrane organization. A Langmuir film study. <i>Chemistry and Physics of Lipids</i> , 2016, 198, 39-45.	3.2	16
18	GABA <sub>A</sub> receptor and cell membrane potential as functional endpoints in cultured neurons to evaluate chemicals for human acute toxicity. <i>Neurotoxicology and Teratology</i> , 2010, 32, 52-61.	2.4	14

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19	Membrane effects of dihydropyrimidine analogues with larvicidal activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 106-113.	5.0	14
20	Neuroprotective effects of gabaergic phenols correlated with their pharmacological and antioxidant properties. <i>Life Sciences</i> , 2017, 175, 11-15.	4.3	14
21	Non-labelled benzodiazepines partitioned into synaptosomal membranes: their extraction and quantification by high performance liquid chromatography. <i>Biomedical Chromatography</i> , 1992, 6, 183-190.	1.7	13
22	Flunitrazepam-membrane non-specific binding and unbinding: two pathways with different energy barriers. <i>Biophysical Chemistry</i> , 2002, 95, 157-164.	2.8	13
23	Comparative Antioxidant Properties of Some Gabaergic Phenols and Related Compounds, Determined for Homogeneous and Membrane Systems. <i>Medicinal Chemistry</i> , 2011, 7, 317-324.	1.5	13
24	The insecticide fipronil affects the physical properties of model membranes: A combined experimental and molecular dynamics simulations study in Langmuir monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183378.	2.6	11
25	Stress-induced decrement in the plasticity of the physical properties of chick brain membranes. <i>Molecular Membrane Biology</i> , 2002, 19, 221-228.	2.0	9
26	Interaction of gabaergic ketones with model membranes: A molecular dynamics and experimental approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1563-1570.	2.6	7
27	Effects of gabaergic phenols on the dynamic and structure of lipid bilayers: A molecular dynamic simulation approach. <i>PLoS ONE</i> , 2019, 14, e0218042.	2.5	7
28	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. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 461-475.	1.8	6
29	GABAA Receptor Binding and Ion Channel Function in Primary Neuronal Cultures for Neuropharmacology/Neurotoxicity Testing. <i>NeuroMethods</i> , 2011, , 481-493.	0.3	6
30	Effects of flunitrazepam on the L <sub>1</sub> -H <sub>II</sub> phase transition of phosphatidylethanolamine using merocyanine 540 as a fluorescent indicator. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 37, 61-69.	5.0	4
31	Flunitrazepam's Membrane Binding. , 2016, , 445-452.		3
32	Insect RDL Receptor Models for Virtual Screening: Impact of the Template Conformational State in Pentameric Ligand-Gated Ion Channels. <i>ACS Omega</i> , 2022, 7, 1988-2001.	3.5	2