Marta Barniol-Xicota

List of Publications by Year
in descending order

23 papers	477 citations	623734 14 h-index	677142 22 g-index
31 all docs	31 docs citations	31 times ranked	869 citing authors

#	Article	IF	Citations
1	Lipidomic and in-gel analysis of maleic acid co-polymer nanodiscs reveals differences in composition of solubilized membranes. Communications Biology, 2021, 4, 218.	4.4	20
2	Peptidyl Acyloxymethyl Ketones as Activityâ€Based Probes for the Main Protease of SARSâ€CoVâ€2**. ChemBioChem, 2020, 21, 3383-3388.	2.6	27
3	Isolation of intramembrane proteases in membrane-like environments. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183193.	2.6	2
4	A novel class of multitarget anti-Alzheimer benzohomoadamantaneâ€'chlorotacrine hybrids modulating cholinesterases and glutamate NMDA receptors. European Journal of Medicinal Chemistry, 2019, 180, 613-626.	5.5	26
5	Discovery of Cellular Roles of Intramembrane Proteases. ACS Chemical Biology, 2019, 14, 2372-2388.	3.4	22
6	Benzoxazin-4-ones as novel, easily accessible inhibitors for rhomboid proteases. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1423-1427.	2.2	14
7	Aniline-Based Inhibitors of Influenza H1N1 Virus Acting on Hemagglutinin-Mediated Fusion. Journal of Medicinal Chemistry, 2018, 61, 98-118.	6.4	31
8	Stable and Functional Rhomboid Proteases in Lipid Nanodiscs by Using Diisobutylene/Maleic Acid Copolymers. Journal of the American Chemical Society, 2018, 140, 14557-14561.	13.7	40
9	Palladium-catalyzed cocyclotrimerization of arynes with a pyramidalized alkene. Chemical Communications, 2018, 54, 5996-5999.	4.1	8
10	Towards a Novel Class of Multitarget-Directed Ligands: Dual P2X7â€"NMDA Receptor Antagonists. Molecules, 2018, 23, 230.	3.8	20
11	Escape from adamantane: Scaffold optimization of novel P2X7 antagonists featuring complex polycycles. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 759-763.	2.2	11
12	Short Total Synthesis of (Â±)â€Î³â€Lycorane by a Sequential Intramolecular Acylal Cyclisation (IAC) and Intramolecular Heck Addition Reaction. Chemistry - A European Journal, 2017, 23, 4750-4755.	3.3	22
13	Activation pH and Gating Dynamics of Influenza A M2 Proton Channel Revealed by Singleâ€Molecule Spectroscopy. Angewandte Chemie, 2017, 129, 5367-5371.	2.0	0
14	Slow but Steady Wins the Race: Dissimilarities among New Dual Inhibitors of the Wild-Type and the V27A Mutant M2 Channels of Influenza A Virus. Journal of Medicinal Chemistry, 2017, 60, 3727-3738.	6.4	20
15	Activation pH and Gating Dynamics of Influenza A M2 Proton Channel Revealed by Singleâ€Molecule Spectroscopy. Angewandte Chemie - International Edition, 2017, 56, 5283-5287.	13.8	7
16	3Dâ€Printed Polypropylene Continuousâ€Flow Column Reactors: Exploration of Reactor Utility in S_NAr Reactions and the Synthesis of Bicyclic and Tetracyclic Heterocycles. European Journal of Organic Chemistry, 2017, 2017, 6499-6504.	2.4	41
17	Heme-Regulated eIF2Î± Kinase Modulates Hepatic FGF21 and Is Activated by PPARÎ²/Î´ Deficiency. Diabetes, 2016, 65, 3185-3199.	0.6	31
18	Syntheses of Cinacalcet: An Enantiopure Active Pharmaceutical Ingredient (API). Synthesis, 2016, 48, 783-803.	2.3	19

#	Article	IF	Citations
19	Antibacterial activity of novel benzopolycyclic amines. Bioorganic and Medicinal Chemistry, 2015, 23, 290-296.	3.0	7
20	Direct reductive alkylation of amine hydrochlorides with aldehyde bisulfite adducts. Tetrahedron Letters, 2014, 55, 2548-2550.	1.4	4
21	Easily Accessible Polycyclic Amines that Inhibit the Wild-Type and Amantadine-Resistant Mutants of the M2 Channel of Influenza A Virus. Journal of Medicinal Chemistry, 2014, 57, 5738-5747.	6.4	51
22	Dimerization of Pyramidalized 3,4,8,9-Tetramethyltetracyclo [4.4.0.03,9.04,8]dec-1(6)-ene to a Hydrocarbon Featuring Four Cyclohexane Rings in Boat Conformations. Angewandte Chemie - International Edition, 2014, 53, 8195-8199.	13.8	6
23	3-Azatetracyclo[5.2.1.1^{5,8}.0^{1,5}]undecane Derivatives: From Wild-Type Inhibitors of the M2 Ion Channel of Influenza A Virus to Derivatives with Potent Activity against the V27A Mutant. Journal of Medicinal Chemistry, 2013, 56, 9265-9274.	6.4	46