

# Marta Barniol-Xicota

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

477  
citations

623734

14  
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677142

22  
g-index

31  
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31  
docs citations

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times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Easily Accessible Polycyclic Amines that Inhibit the Wild-Type and Amantadine-Resistant Mutants of the M2 Channel of Influenza A Virus. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5738-5747.	6.4	51
2	3-Azatetracyclo[5.2.1.1<sup>5,8</sup>.0<sup>1,5</sup>]undecane Derivatives: From Wild-Type Inhibitors of the M2 Ion Channel of Influenza A Virus to Derivatives with Potent Activity against the V27A Mutant. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9265-9274.	6.4	46
3	3D-Printed Polypropylene Continuous-Flow Column Reactors: Exploration of Reactor Utility in <i>S<sub>N</sub>Ar</i> Reactions and the Synthesis of Bicyclic and Tetracyclic Heterocycles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6499-6504.	2.4	41
4	Stable and Functional Rhomboid Proteases in Lipid Nanodiscs by Using Diisobutylene/Maleic Acid Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 14557-14561.	13.7	40
5	Heme-Regulated eIF2 $\gamma$ Kinase Modulates Hepatic FGF21 and Is Activated by PPAR $\delta$ Deficiency. <i>Diabetes</i> , 2016, 65, 3185-3199.	0.6	31
6	Aniline-Based Inhibitors of Influenza H1N1 Virus Acting on Hemagglutinin-Mediated Fusion. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 98-118.	6.4	31
7	Peptidyl Acyloxymethyl Ketones as Activity-Based Probes for the Main Protease of SARS-CoV-2. <i>ChemBioChem</i> , 2020, 21, 3383-3388.	2.6	27
8	A novel class of multitarget anti-Alzheimer benzohomoadamantane-chlorotacrine hybrids modulating cholinesterases and glutamate NMDA receptors. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 613-626.	5.5	26
9	Short Total Synthesis of (±)- $\beta$ -Caryophyllene by a Sequential Intramolecular Acylal Cyclisation (IAC) and Intramolecular Heck Addition Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 4750-4755.	3.3	22
10	Discovery of Cellular Roles of Intramembrane Proteases. <i>ACS Chemical Biology</i> , 2019, 14, 2372-2388.	3.4	22
11	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. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3727-3738.	6.4	20
12	Towards a Novel Class of Multitarget-Directed Ligands: Dual P2X7-NMDA Receptor Antagonists. <i>Molecules</i> , 2018, 23, 230.	3.8	20
13	Lipidomic and in-gel analysis of maleic acid co-polymer nanodiscs reveals differences in composition of solubilized membranes. <i>Communications Biology</i> , 2021, 4, 218.	4.4	20
14	Syntheses of Cinacalcet: An Enantiopure Active Pharmaceutical Ingredient (API). <i>Synthesis</i> , 2016, 48, 783-803.	2.3	19
15	Benzoxazin-4-ones as novel, easily accessible inhibitors for rhomboid proteases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1423-1427.	2.2	14
16	Escape from adamantane: Scaffold optimization of novel P2X7 antagonists featuring complex polycycles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 759-763.	2.2	11
17	Palladium-catalyzed cocyclotrimerization of arynes with a pyramidalized alkene. <i>Chemical Communications</i> , 2018, 54, 5996-5999.	4.1	8
18	Antibacterial activity of novel benzopolycyclic amines. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 290-296.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Activation pH and Gating Dynamics of Influenza A M2 Proton Channel Revealed by Single-Molecule Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5283-5287.	13.8	7
20	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. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8195-8199.	13.8	6
21	Direct reductive alkylation of amine hydrochlorides with aldehyde bisulfite adducts. <i>Tetrahedron Letters</i> , 2014, 55, 2548-2550.	1.4	4
22	Isolation of intramembrane proteases in membrane-like environments. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183193.	2.6	2
23	Activation pH and Gating Dynamics of Influenza A M2 Proton Channel Revealed by Single-Molecule Spectroscopy. <i>Angewandte Chemie</i> , 2017, 129, 5367-5371.	2.0	0