

Mar Martin-Fontecha

List of Publications by Year in descending order

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44
papers

2,239
citations

304368

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243296

44
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all docs

47
docs citations

47
times ranked

3819
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial CB1 receptors regulate neuronal energy metabolism. <i>Nature Neuroscience</i> , 2012, 15, 558-564.	7.1	450
2	Regulatory T cells and immune regulation of allergic diseases: roles of IL-10 and TGF- β 2. <i>Genes and Immunity</i> , 2014, 15, 511-520.	2.2	264
3	Mechanisms of immune regulation in allergic diseases: the role of regulatory T and B cells. <i>Immunological Reviews</i> , 2017, 278, 219-236.	2.8	234
4	Serotonin 5-HT ₆ Receptor Antagonists for the Treatment of Cognitive Deficiency in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7160-7181.	2.9	142
5	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB ₁ receptor blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4786-4791.	3.3	115
6	Targeting the Assembly of Bacterial Cell Division Protein FtsZ with Small Molecules. <i>ACS Chemical Biology</i> , 2012, 7, 269-277.	1.6	107
7	Monoacylglycerol lipase (MAGL) as a promising therapeutic target. <i>Biochemical Pharmacology</i> , 2018, 157, 18-32.	2.0	77
8	Benzimidazole Derivatives as New Serotonin 5-HT ₆ Receptor Antagonists. <i>Molecular Mechanisms of Receptor Inactivation. Journal of Medicinal Chemistry</i> , 2010, 53, 1357-1369.	2.9	61
9	Auranofin efficacy against MDR <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2608-2617.	1.3	60
10	Synthetic Inhibitors of Bacterial Cell Division Targeting the GTP-Binding Site of FtsZ. <i>ACS Chemical Biology</i> , 2013, 8, 2072-2083.	1.6	52
11	Chemical Probes for the Recognition of Cannabinoid Receptors in Native Systems. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6896-6899.	7.2	37
12	New Serotonin 5-HT _{1A} Receptor Agonists with Neuroprotective Effect against Ischemic Cell Damage. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7986-7999.	2.9	36
13	A new serotonin 5-HT ₆ receptor antagonist with procognitive activity – Importance of a halogen bond interaction to stabilize the binding. <i>Scientific Reports</i> , 2017, 7, 41293.	1.6	36
14	The structural assembly switch of cell division protein FtsZ probed with fluorescent allosteric inhibitors. <i>Chemical Science</i> , 2017, 8, 1525-1534.	3.7	33
15	Deregulation of the endocannabinoid system and therapeutic potential of ABHD6 blockade in the cuprizone model of demyelination. <i>Biochemical Pharmacology</i> , 2018, 157, 189-201.	2.0	33
16	Sml ₂ -Mediated 3-exo-trig Cyclization of β^2, β^3 -Unsaturated Carbonyl Compounds: Diastereoselective Synthesis of Cyclopropanols. <i>Organic Letters</i> , 2010, 12, 4082-4085.	2.4	29
17	Altered fatty acid metabolism and reduced stearyl-coenzyme a desaturase activity in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1744-1752.	2.7	29
18	A Potent Isoprenylcysteine Carboxylmethyltransferase (ICMT) Inhibitor Improves Survival in Ras-Driven Acute Myeloid Leukemia. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6035-6046.	2.9	29

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19	New Serotonin 5-HT _{1A} Receptor Agonists Endowed with Antinociceptive Activity <i>in Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7851-7861.	2.9	27
20	A Fluorescent Probe to Unravel Functional Features of Cannabinoid Receptor CB ₁ in Human Blood and Tonsil Immune System Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 382-389.	1.8	26
21	Development of Fluorescent Ligands for the Human 5-HT _{1A} Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 249-253.	1.3	25
22	Effective GTP-Replacing FtsZ Inhibitors and Antibacterial Mechanism of Action. <i>ACS Chemical Biology</i> , 2015, 10, 834-843.	1.6	25
23	Cannabinoids induce functional Tregs by promoting tolerogenic DCs via autophagy and metabolic reprogramming. <i>Mucosal Immunology</i> , 2022, 15, 96-108.	2.7	25
24	Development of Endocannabinoid-Based Chemical Probes for the Study of Cannabinoid Receptors. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5265-5269.	2.9	24
25	Unique pharmacological properties of serotonergic G-protein coupled receptors from cestodes. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006267.	1.3	24
26	Development of a Fluorescent Bodipy Probe for Visualization of the Serotonin 5-HT _{1A} Receptor in Native Cells of the Immune System. <i>Bioconjugate Chemistry</i> , 2018, 29, 2021-2027.	1.8	21
27	The expression of cannabinoid receptor 1 is significantly increased in atopic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 926-929.e2.	1.5	20
28	New Inhibitors of Angiogenesis with Antitumor Activity <i>in Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3757-3766.	2.9	18
29	Novel Photoreactions of 2-Aza-1,4-dienes in the Triplet Excited State and via Radical-Cation Intermediates. 2-Aza-di- π -methane Rearrangements Yielding Cyclopropylimines and N-Vinylaziridines. <i>Journal of Organic Chemistry</i> , 2003, 68, 6661-6671.	1.7	17
30	Isoprenylcysteine Carboxymethyltransferase-Based Therapy for Hutchinsonâ€“Gilford Progeria Syndrome. <i>ACS Central Science</i> , 2021, 7, 1300-1310.	5.3	16
31	Influence of Electron-Donor Sensitizers on SET-Promoted Photochemical Reactions of $\hat{\pi}^2, \hat{\pi}^3$ -Unsaturated Aldehydes. <i>Organic Letters</i> , 2004, 6, 2261-2264.	2.4	15
32	Novel Oxa-di- π -methane and Norrish Type I Reactions in the S ₂ ($\hat{\pi}, \hat{\pi}^*$) Excited State of a Series of $\hat{\pi}^2, \hat{\pi}^3$ -Unsaturated Ketones. <i>Organic Letters</i> , 2005, 7, 2687-2690.	2.4	15
33	The Extracellular Entrance Provides Selectivity to Serotonin 5-HT ₇ Receptor Antagonists with Antidepressant-like Behavior <i>in Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6879-6884.	2.9	15
34	Chemoproteomic Approach to Explore the Target Profile of GPCR ligands: Application to 5-HT _{1A} and 5-HT ₆ Receptors. <i>Chemistry - A European Journal</i> , 2016, 22, 1313-1321.	1.7	15
35	Development of a Nucleotide Exchange Inhibitor That Impairs Ras Oncogenic Signaling. <i>Chemistry - A European Journal</i> , 2017, 23, 1676-1685.	1.7	13
36	Di- π -methane Reactions Promoted by SET from Electron-Donor Sensitizers. <i>Journal of the American Chemical Society</i> , 2001, 123, 9920-9921.	6.6	11

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37	Targeting the FtsZ Allosteric Binding Site with a Novel Fluorescence Polarization Screen, Cytological and Structural Approaches for Antibacterial Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5730-5745.	2.9	11
38	The cannabinoid WIN55212â€² restores rhinovirusâ€²-induced epithelial barrier disruption. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1900-1902.	2.7	10
39	Synthesis of Enantioenriched Secondary and Tertiary Alcohols via Tricarbonylchromium(0) Complexes of Benzyl Allyl Ethers. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1606-1611.	1.2	9
40	Photochemical Reactivity of 1-Substituted-1-aza-1,4-dienes Promoted by Electron-Acceptor Sensitizers. Di-Î€-methane Rearrangements and Alternative Reactions via Radical-Cation Intermediates. <i>Journal of Organic Chemistry</i> , 2002, 67, 9397-9405.	1.7	8
41	Cannabinoid WIN55212â€² impairs peanutâ€²allergic sensitization and promotes the generation of allergenâ€²specific regulatory T cells. <i>Clinical and Experimental Allergy</i> , 2022, 52, 540-549.	1.4	7
42	Remarkable Observations on Triplet-Sensitized Reactions. The Di-Î€-methane Rearrangement of Acyclic 1,4-Dienes in the Triplet Excited State. <i>Organic Letters</i> , 2009, 11, 4148-4151.	2.4	6
43	The cannabinoid WIN55212â€² suppresses effector Tâ€²cell responses and promotes regulatory T cells in human tonsils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1029-1032.	2.7	6
44	Substitution of a benzylic hydrogen by nucleophiles on a chromium tricarbonyl complex of a benzyl ether. <i>Tetrahedron Letters</i> , 2009, 50, 3690-3692.	0.7	1