Mar Martin-Fontecha

List of Publications by Year
in descending order

44 papers	2,239 citations	304743 22 h-index	243625 44 g-index
47 all docs	47 docs citations	47 times ranked	3819 citing authors

#	Article	IF	Citations
1	Cannabinoids induce functional Tregs by promoting tolerogenic DCs via autophagy and metabolic reprograming. Mucosal Immunology, 2022, 15, 96-108.	6.0	25
2	The cannabinoid WIN55212â€2 suppresses effector Tâ€cell responses and promotes regulatory T cells in human tonsils. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1029-1032.	5.7	6
3	Cannabinoid WIN55212â€2 impairs peanutâ€allergic sensitization and promotes the generation of allergenâ€specific regulatory T cells. Clinical and Experimental Allergy, 2022, 52, 540-549.	2.9	7
4	The cannabinoid WIN55212â€2 restores rhinovirusâ€induced epithelial barrier disruption. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1900-1902.	5.7	10
5	Targeting the FtsZ Allosteric Binding Site with a Novel Fluorescence Polarization Screen, Cytological and Structural Approaches for Antibacterial Discovery. Journal of Medicinal Chemistry, 2021, 64, 5730-5745.	6.4	11
6	Isoprenylcysteine Carboxylmethyltransferase-Based Therapy for Hutchinsonâ€“Gilford Progeria Syndrome. ACS Central Science, 2021, 7, 1300-1310.	11.3	16
7	A Potent Isoprenylcysteine Carboxylmethyltransferase (ICMT) Inhibitor Improves Survival in Ras-Driven Acute Myeloid Leukemia. Journal of Medicinal Chemistry, 2019, 62, 6035-6046.	6.4	29
8	A Fluorescent Probe to Unravel Functional Features of Cannabinoid Receptor CB₁ in Human Blood and Tonsil Immune System Cells. Bioconjugate Chemistry, 2018, 29, 382-389.	3.6	26
9	Deregulation of the endocannabinoid system and therapeutic potential of ABHD6 blockade in the cuprizone model of demyelination. Biochemical Pharmacology, 2018, 157, 189-201.	4.4	33
10	Monoacylglycerol lipase (MAGL) as a promising therapeutic target. Biochemical Pharmacology, 2018, 157, 18-32.	4.4	77
11	Development of a Fluorescent Bodipy Probe for Visualization of the Serotonin 5-HT_{1A} Receptor in Native Cells of the Immune System. Bioconjugate Chemistry, 2018, 29, 2021-2027.	3.6	21
12	Unique pharmacological properties of serotoninergic G-protein coupled receptors from cestodes. PLoS Neglected Tropical Diseases, 2018, 12, e0006267.	3.0	24
13	A new serotonin 5-HT6 receptor antagonist with procognitive activity â€“ Importance of a halogen bond interaction to stabilize the binding. Scientific Reports, 2017, 7, 41293.	3.3	36
14	Altered fatty acid metabolism and reduced stearoylâ€coenzyme a desaturase activity in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1744-1752.	5.7	29
15	Mechanisms of immune regulation in allergic diseases: the role of regulatory T and B cells. Immunological Reviews, 2017, 278, 219-236.	6.0	234
16	The structural assembly switch of cell division protein FtsZ probed with fluorescent allosteric inhibitors. Chemical Science, 2017, 8, 1525-1534.	7.4	33
17	Development of a Nucleotide Exchange Inhibitor That Impairs Ras Oncogenic Signaling. Chemistry - A European Journal, 2017, 23, 1676-1685.	3.3	13
18	Chemoproteomic Approach to Explore the Target Profile of GPCR ligands: Application to 5â€HT_{1A} and 5â€HT₆ Receptors. Chemistry - A European Journal, 2016, 22, 1313-1321.	3.3	15

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19	Auranofin efficacy against MDRStreptococcus pneumoniaeandStaphylococcus aureusinfections. Journal of Antimicrobial Chemotherapy, 2015, 70, 2608-2617.	3.0	60
20	New Inhibitors of Angiogenesis with Antitumor Activity in Vivo. Journal of Medicinal Chemistry, 2015, 58, 3757-3766.	6.4	18
21	Effective GTP-Replacing FtsZ Inhibitors and Antibacterial Mechanism of Action. ACS Chemical Biology, 2015, 10, 834-843.	3.4	25
22	The expression of cannabinoid receptor 1 is significantly increased in atopic patients. Journal of Allergy and Clinical Immunology, 2014, 133, 926-929.e2.	2.9	20
23	The Extracellular Entrance Provides Selectivity to Serotonin 5-HT₇ Receptor Antagonists with Antidepressant-like Behavior in Vivo. Journal of Medicinal Chemistry, 2014, 57, 6879-6884.	6.4	15
24	Regulatory T cells and immune regulation of allergic diseases: roles of IL-10 and TGF-Î². Genes and Immunity, 2014, 15, 511-520.	4.1	264
25	Serotonin 5-HT₆ Receptor Antagonists for the Treatment of Cognitive Deficiency in Alzheimerâ€™s Disease. Journal of Medicinal Chemistry, 2014, 57, 7160-7181.	6.4	142
26	New Serotonin 5-HT_{1A} Receptor Agonists Endowed with Antinociceptive Activity in Vivo. Journal of Medicinal Chemistry, 2013, 56, 7851-7861.	6.4	27
27	Synthetic Inhibitors of Bacterial Cell Division Targeting the GTP-Binding Site of FtsZ. ACS Chemical Biology, 2013, 8, 2072-2083.	3.4	52
28	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB ₁ receptor blockade. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4786-4791.	7.1	115
29	Targeting the Assembly of Bacterial Cell Division Protein FtsZ with Small Molecules. ACS Chemical Biology, 2012, 7, 269-277.	3.4	107
30	Chemical Probes for the Recognition of Cannabinoid Receptors in Native Systems. Angewandte Chemie - International Edition, 2012, 51, 6896-6899.	13.8	37
31	Mitochondrial CB1 receptors regulate neuronal energy metabolism. Nature Neuroscience, 2012, 15, 558-564.	14.8	450
32	New Serotonin 5-HT_{1A} Receptor Agonists with Neuroprotective Effect against Ischemic Cell Damage. Journal of Medicinal Chemistry, 2011, 54, 7986-7999.	6.4	36
33	Development of Endocannabinoid-Based Chemical Probes for the Study of Cannabinoid Receptors. Journal of Medicinal Chemistry, 2011, 54, 5265-5269.	6.4	24
34	Benzimidazole Derivatives as New Serotonin 5-HT₆ Receptor Antagonists. Molecular Mechanisms of Receptor Inactivation. Journal of Medicinal Chemistry, 2010, 53, 1357-1369.	6.4	61
35	Development of Fluorescent Ligands for the Human 5-HT_{1A} Receptor. ACS Medicinal Chemistry Letters, 2010, 1, 249-253.	2.8	25
36	SmI₂-Mediated 3-exo-trig Cyclization of Î²,Î³-Unsaturated Carbonyl Compounds: Diastereoselective Synthesis of Cyclopropanols. Organic Letters, 2010, 12, 4082-4085.	4.6	29

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37	Synthesis of Enantioenriched Secondary and Tertiary Alcohols via Tricarbonylchromium(0) Complexes of Benzyl Allyl Ethers. European Journal of Organic Chemistry, 2009, 2009, 1606-1611.	2.4	9
38	Substitution of a benzylic hydrogen by nucleophiles on a chromium tricarbonyl complex of a benzyl ether. Tetrahedron Letters, 2009, 50, 3690-3692.	1.4	1
39	Remarkable Observations on Triplet-Sensitized Reactions. The Di-Ï€-methane Rearrangement of Acyclic 1,4-Dienes in the Triplet Excited State. Organic Letters, 2009, 11, 4148-4151.	4.6	6
40	Novel Oxa-di-Ï€-methane and Norrish Type I Reactions in the S2(Ï€,Ï€*) Excited State of a Series of Î²,Î³-Unsaturated Ketones. Organic Letters, 2005, 7, 2687-2690.	4.6	15
41	Influence of Electron-Donor Sensitizers on SET-Promoted Photochemical Reactions of Î²,Î³-Unsaturated Aldehydes. Organic Letters, 2004, 6, 2261-2264.	4.6	15
42	Novel Photoreactions of 2-Aza-1,4-dienes in the Triplet Excited State and via Radical-Cation Intermediates. 2-Aza-di-Ï€-methane Rearrangements Yielding Cyclopropylimines andN-Vinylaziridines. Journal of Organic Chemistry, 2003, 68, 6661-6671.	3.2	17
43	Photochemical Reactivity of 1-Substituted-1-aza-1,4-dienes Promoted by Electron-Acceptor Sensitizers. Di-Ï€-methane Rearrangements and Alternative Reactions via Radical-Cation Intermediates. Journal of Organic Chemistry, 2002, 67, 9397-9405.	3.2	8
44	Di-Ï€-methane Reactions Promoted by SET from Electron-Donor Sensitizers. Journal of the American Chemical Society, 2001, 123, 9920-9921.	13.7	11