Marco Macchia

List of Publications by Year
in descending order

48 papers	1,051 citations	361296 20 h-index	454834 30 g-index
48 all docs	48 docs citations	48 times ranked	1641 citing authors

#	Article	IF	Citations
1	CB1 receptor binding sites for NAM and PAM: A first approach for studying, new nâ€'butylâ€'diphenylcarboxamides as allosteric modulators. European Journal of Pharmaceutical Sciences, 2022, 169, 106088.	1.9	2
2	VenomPred: A Machine Learning Based Platform for Molecular Toxicity Predictions. International Journal of Molecular Sciences, 2022, 23, 2105.	1.8	18
3	New PIN1 inhibitors identified through a pharmacophore-driven, hierarchical consensus docking strategy. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 145-150.	2.5	7
4	Content Variations in Oleocanthalic Acid and Other Phenolic Compounds in Extra-Virgin Olive Oil during Storage. Foods, 2022, 11, 1354.	1.9	8
5	Reversible Monoacylglycerol Lipase Inhibitors: Discovery of a New Class of Benzylpiperidine Derivatives. Journal of Medicinal Chemistry, 2022, 65, 7118-7140.	2.9	6
6	Predicting potentially pathogenic effects of hRPE65 missense mutations: a computational strategy based on molecular dynamics simulations. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1765-1772.	2.5	7
7	Design, synthesis and biological evaluation of second-generation benzoylpiperidine derivatives as reversible monoacylglycerol lipase (MAGL) inhibitors. European Journal of Medicinal Chemistry, 2021, 209, 112857.	2.6	24
8	An updated patent review of monoacylglycerol lipase (MAGL) inhibitors (2018-present). Expert Opinion on Therapeutic Patents, 2021, 31, 153-168.	2.4	18
9	Antioxidant and Neuroprotective Activity of Extra Virgin Olive Oil Extracts Obtained from Quercetano Cultivar Trees Grown in Different Areas of the Tuscany Region (Italy). Antioxidants, 2021, 10, 421.	2.2	15
10	Phenolic Compounds in Prevention and Treatment of Skin Cancers: A Review. Current Medicinal Chemistry, 2021, 28, 6730-6752.	1.2	5
11	Immunomodulatory Activity of Electrospun Polyhydroxyalkanoate Fiber Scaffolds Incorporating Olive Leaf Extract. Applied Sciences (Switzerland), 2021, 11, 4006.	1.3	13
12	Medicinal Chemistry approach, pharmacology and neuroprotective benefits of CB2R modulators in neurodegenerative diseases. Pharmacological Research, 2021, 170, 105607.	3.1	9
13	Monoacylglycerol lipase (MAGL) inhibitors based on a diphenylsulfide-benzoylpiperidine scaffold. European Journal of Medicinal Chemistry, 2021, 223, 113679.	2.6	5
14	Discovery of Monoacylglycerol Lipase (MAGL) Inhibitors Based on a Pharmacophore-Guided Virtual Screening Study. Molecules, 2021, 26, 78.	1.7	6
15	The Extra Virgin Olive Oil Polyphenol Oleocanthal Exerts Antifibrotic Effects in the Liver. Frontiers in Nutrition, 2021, 8, 715183.	1.6	23
16	Modification on the 1,2-dihydro-2-oxo-pyridine-3-carboxamide core to obtain multi-target modulators of endocannabinoid system. Bioorganic Chemistry, 2020, 94, 103353.	2.0	10
17	The endocannabinoid system dual-target ligand N-cycloheptyl-1,2-dihydro-5-bromo-1-(4-fluorobenzyl)-6-methyl-2-oxo-pyridine-3-carboxamide improves disease severity in a mouse model of multiple sclerosis. European Journal of Medicinal Chemistry, 2020, 208, 112858.	2.6	12
18	PSNCBAM-1 analogs: Structural evolutions and allosteric properties at cannabinoid CB1 receptor. European Journal of Medicinal Chemistry, 2020, 203, 112606.	2.6	1

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19	Three-Dimensional Interactions Analysis of the Anticancer Target c-Src Kinase with Its Inhibitors. Cancers, 2020, 12, 2327.	1.7	10
20	Identification of the First Synthetic Allosteric Modulator of the CB₂ Receptors and Evidence of Its Efficacy for Neuropathic Pain Relief. Journal of Medicinal Chemistry, 2019, 62, 276-287.	2.9	47
21	Computationally driven discovery of phenyl(piperazin-1-yl)methanone derivatives as reversible monoacylglycerol lipase (MAGL) inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 589-596.	2.5	28
22	Optimization of a Benzoylpiperidine Class Identifies a Highly Potent and Selective Reversible Monoacylglycerol Lipase (MAGL) Inhibitor. Journal of Medicinal Chemistry, 2019, 62, 1932-1958.	2.9	42
23	Diclofenac-Derived Hybrids for Treatment of Actinic Keratosis and Squamous Cell Carcinoma. Molecules, 2019, 24, 1793.	1.7	11
24	Extensive Reliability Evaluation of Docking-Based Target-Fishing Strategies. International Journal of Molecular Sciences, 2019, 20, 1023.	1.8	20
25	Waste Autochthonous Tuscan Olive Leaves (Olea europaea var. Olivastra seggianese) as Antioxidant Source for Biomedicine. International Journal of Molecular Sciences, 2019, 20, 5918.	1.8	22
26	The Extra-Virgin Olive Oil Polyphenols Oleocanthal and Oleacein Counteract Inflammation-Related Gene and miRNA Expression in Adipocytes by Attenuating NF-ÎºB Activation. Nutrients, 2019, 11, 2855.	1.7	63
27	Allosteric modulators targeting cannabinoid cb1 and cb2 receptors: implications for drug discovery. Future Medicinal Chemistry, 2019, 11, 2019-2037.	1.1	23
28	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1340-1354.	2.9	43
29	Polypharmacological profile of 1,2-dihydro-2-oxo-pyridine-3-carboxamides in the endocannabinoid system. European Journal of Medicinal Chemistry, 2018, 154, 155-171.	2.6	17
30	Oleocanthal and oleacein contribute to the in vitro therapeutic potential of extra virgin oil-derived extracts in non-melanoma skin cancer. Toxicology in Vitro, 2018, 52, 243-250.	1.1	57
31	Rational Development of MAGL Inhibitors. Methods in Molecular Biology, 2018, 1824, 335-346.	0.4	2
32	Traditional Uses of Cannabinoids and New Perspectives in the Treatment of Multiple Sclerosis. Medicines (Basel, Switzerland), 2018, 5, 91.	0.7	16
33	A Proteomic Approach to Uncover Neuroprotective Mechanisms of Oleocanthal against Oxidative Stress. International Journal of Molecular Sciences, 2018, 19, 2329.	1.8	39
34	Discovery of long-chain salicylketoxime derivatives as monoacylglycerol lipase (MAGL) inhibitors. European Journal of Medicinal Chemistry, 2018, 157, 817-836.	2.6	30
35	Novel analogs of PSNCBAM-1 as allosteric modulators of cannabinoid CB1 receptor. Bioorganic and Medicinal Chemistry, 2017, 25, 6427-6434.	1.4	14
36	Development of terphenyl-2-methyloxazol-5(4H)-one derivatives as selective reversible MAGL inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1240-1252.	2.5	27

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37	Development of Methods for Recovering Endotoxins from Surfaces and from Air in Production Environment of Injectable Drugs. PDA Journal of Pharmaceutical Science and Technology, 2017, 71, 502-510.	0.3	0
38	Hydrogen Sulfide: A Worthwhile Tool in the Design of New Multitarget Drugs. Frontiers in Chemistry, 2017, 5, 72.	1.8	21
39	A Virtual Screening Study for Lactate Dehydrogenase 5 Inhibitors by Using a Pharmacophoreâ€based Approach. Molecular Informatics, 2016, 35, 434-439.	1.4	18
40	Structural Optimization of 4-Chlorobenzoylpiperidine Derivatives for the Development of Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 10299-10314.	2.9	42
41	Synthesis and In Vivo Imaging of N-(3-[11C]Methoxybenzyl)-2-(3-Methoxyphenyl)ethylaniline as a Potential Targeting Agent for P-glycoprotein. Molecular Imaging and Biology, 2016, 18, 916-923.	1.3	0
42	Cytotoxic Activity of Oleocanthal Isolated from Virgin Olive Oil on Human Melanoma Cells. Nutrition and Cancer, 2016, 68, 873-877.	0.9	65
43	4-Aryliden-2-methyloxazol-5(4H)-one as a new scaffold for selective reversible MAGL inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 137-146.	2.5	21
44	Development and Validation of a Docking-Based Virtual Screening Platform for the Identification of New Lactate Dehydrogenase Inhibitors. Molecules, 2015, 20, 8772-8790.	1.7	22
45	Design, Synthesis, and Evaluation of Thyronamine Analogues as Novel Potent Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists. Journal of Medicinal Chemistry, 2015, 58, 5096-5107.	2.9	42
46	New quinolone- and 1,8-naphthyridine-3-carboxamides as selective CB2 receptor agonists with anticancer and immunoâ€“modulatory activity. European Journal of Medicinal Chemistry, 2015, 97, 10-18.	2.6	40
47	Design and synthesis of 2-oxindole based multi-targeted inhibitors of PDK1/Akt signaling pathway for the treatment of glioblastoma multiforme. European Journal of Medicinal Chemistry, 2015, 105, 274-288.	2.6	37
48	Identification and characterization of a new reversible MAGL inhibitor. Bioorganic and Medicinal Chemistry, 2014, 22, 3285-3291.	1.4	43