

Marco Macchia

List of Publications by Year in descending order

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Version: 2024-02-01

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	Cytotoxic Activity of Oleocanthal Isolated from Virgin Olive Oil on Human Melanoma Cells. <i>Nutrition and Cancer</i> , 2016, 68, 873-877.	0.9	65
2	The Extra-Virgin Olive Oil Polyphenols Oleocanthal and Oleacein Counteract Inflammation-Related Gene and miRNA Expression in Adipocytes by Attenuating NF- κ B Activation. <i>Nutrients</i> , 2019, 11, 2855.	1.7	63
3	Oleocanthal and oleacein contribute to the in vitro therapeutic potential of extra virgin oil-derived extracts in non-melanoma skin cancer. <i>Toxicology in Vitro</i> , 2018, 52, 243-250.	1.1	57
4	Identification of the First Synthetic Allosteric Modulator of the CB ₂ Receptors and Evidence of Its Efficacy for Neuropathic Pain Relief. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 276-287.	2.9	47
5	Identification and characterization of a new reversible MAGL inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3285-3291.	1.4	43
6	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1340-1354.	2.9	43
7	Design, Synthesis, and Evaluation of Thyronamine Analogues as Novel Potent Mouse Trace Amine Associated Receptor 1 (TAAR1) Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5096-5107.	2.9	42
8	Structural Optimization of 4-Chlorobenzoylpiperidine Derivatives for the Development of Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10299-10314.	2.9	42
9	Optimization of a Benzoylpiperidine Class Identifies a Highly Potent and Selective Reversible Monoacylglycerol Lipase (MAGL) Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1932-1958.	2.9	42
10	New quinolone- and 1,8-naphthyridine-3-carboxamides as selective CB ₂ receptor agonists with anticancer and immunomodulatory activity. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 10-18.	2.6	40
11	A Proteomic Approach to Uncover Neuroprotective Mechanisms of Oleocanthal against Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2329.	1.8	39
12	Design and synthesis of 2-oxindole based multi-targeted inhibitors of PDK1/Akt signaling pathway for the treatment of glioblastoma multiforme. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 274-288.	2.6	37
13	Discovery of long-chain salicylketoxime derivatives as monoacylglycerol lipase (MAGL) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 817-836.	2.6	30
14	Computationally driven discovery of phenyl(piperazin-1-yl)methanone derivatives as reversible monoacylglycerol lipase (MAGL) inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 589-596.	2.5	28
15	Development of terphenyl-2-methyloxazol-5(4H)-one derivatives as selective reversible MAGL inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1240-1252.	2.5	27
16	Design, synthesis and biological evaluation of second-generation benzoylpiperidine derivatives as reversible monoacylglycerol lipase (MAGL) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112857.	2.6	24
17	Allosteric modulators targeting cannabinoid cb1 and cb2 receptors: implications for drug discovery. <i>Future Medicinal Chemistry</i> , 2019, 11, 2019-2037.	1.1	23
18	The Extra Virgin Olive Oil Polyphenol Oleocanthal Exerts Antifibrotic Effects in the Liver. <i>Frontiers in Nutrition</i> , 2021, 8, 715183.	1.6	23

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19	Development and Validation of a Docking-Based Virtual Screening Platform for the Identification of New Lactate Dehydrogenase Inhibitors. <i>Molecules</i> , 2015, 20, 8772-8790.	1.7	22
20	Waste Autochthonous Tuscan Olive Leaves (<i>Olea europaea</i> var. <i>Olivastra seggianese</i>) as Antioxidant Source for Biomedicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5918.	1.8	22
21	4-Aryliden-2-methyloxazol-5(4 <i>H</i>)-one as a new scaffold for selective reversible MAGL inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 137-146.	2.5	21
22	Hydrogen Sulfide: A Worthwhile Tool in the Design of New Multitarget Drugs. <i>Frontiers in Chemistry</i> , 2017, 5, 72.	1.8	21
23	Extensive Reliability Evaluation of Docking-Based Target-Fishing Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1023.	1.8	20
24	A Virtual Screening Study for Lactate Dehydrogenase 5 Inhibitors by Using a Pharmacophore-Based Approach. <i>Molecular Informatics</i> , 2016, 35, 434-439.	1.4	18
25	An updated patent review of monoacylglycerol lipase (MAGL) inhibitors (2018-present). <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 153-168.	2.4	18
26	VenomPred: A Machine Learning Based Platform for Molecular Toxicity Predictions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2105.	1.8	18
27	Polypharmacological profile of 1,2-dihydro-2-oxo-pyridine-3-carboxamides in the endocannabinoid system. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 155-171.	2.6	17
28	Traditional Uses of Cannabinoids and New Perspectives in the Treatment of Multiple Sclerosis. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 91.	0.7	16
29	Antioxidant and Neuroprotective Activity of Extra Virgin Olive Oil Extracts Obtained from Quercetano Cultivar Trees Grown in Different Areas of the Tuscany Region (Italy). <i>Antioxidants</i> , 2021, 10, 421.	2.2	15
30	Novel analogs of PSNCBAM-1 as allosteric modulators of cannabinoid CB1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6427-6434.	1.4	14
31	Immunomodulatory Activity of Electrospun Polyhydroxyalkanoate Fiber Scaffolds Incorporating Olive Leaf Extract. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4006.	1.3	13
32	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. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112858.	2.6	12
33	Diclofenac-Derived Hybrids for Treatment of Actinic Keratosis and Squamous Cell Carcinoma. <i>Molecules</i> , 2019, 24, 1793.	1.7	11
34	Modification on the 1,2-dihydro-2-oxo-pyridine-3-carboxamide core to obtain multi-target modulators of endocannabinoid system. <i>Bioorganic Chemistry</i> , 2020, 94, 103353.	2.0	10
35	Three-Dimensional Interactions Analysis of the Anticancer Target c-Src Kinase with Its Inhibitors. <i>Cancers</i> , 2020, 12, 2327.	1.7	10
36	Medicinal Chemistry approach, pharmacology and neuroprotective benefits of CB2R modulators in neurodegenerative diseases. <i>Pharmacological Research</i> , 2021, 170, 105607.	3.1	9

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37	Content Variations in Oleocanthalic Acid and Other Phenolic Compounds in Extra-Virgin Olive Oil during Storage. <i>Foods</i> , 2022, 11, 1354.	1.9	8
38	New PIN1 inhibitors identified through a pharmacophore-driven, hierarchical consensus docking strategy. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 145-150.	2.5	7
39	Predicting potentially pathogenic effects of <i>RPE65</i> missense mutations: a computational strategy based on molecular dynamics simulations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1765-1772.	2.5	7
40	Discovery of Monoacylglycerol Lipase (MAGL) Inhibitors Based on a Pharmacophore-Guided Virtual Screening Study. <i>Molecules</i> , 2021, 26, 78.	1.7	6
41	Reversible Monoacylglycerol Lipase Inhibitors: Discovery of a New Class of Benzylpiperidine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7118-7140.	2.9	6
42	Phenolic Compounds in Prevention and Treatment of Skin Cancers: A Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 6730-6752.	1.2	5
43	Monoacylglycerol lipase (MAGL) inhibitors based on a diphenylsulfide-benzoylpiperidine scaffold. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113679.	2.6	5
44	Rational Development of MAGL Inhibitors. <i>Methods in Molecular Biology</i> , 2018, 1824, 335-346.	0.4	2
45	CB1 receptor binding sites for NAM and PAM: A first approach for studying, new <i>n</i> -butyl-diphenylcarboxamides as allosteric modulators. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 169, 106088.	1.9	2
46	PSNCBAM-1 analogs: Structural evolutions and allosteric properties at cannabinoid CB1 receptor. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112606.	2.6	1
47	Synthesis and In Vivo Imaging of N-(3-[¹¹ C]Methoxybenzyl)-2-(3-Methoxyphenyl)ethylaniline as a Potential Targeting Agent for P-glycoprotein. <i>Molecular Imaging and Biology</i> , 2016, 18, 916-923.	1.3	0
48	Development of Methods for Recovering Endotoxins from Surfaces and from Air in Production Environment of Injectable Drugs. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2017, 71, 502-510.	0.3	0