Marta Giorgis

List of Publications by Year
in descending order

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Version: 2024-02-01

34	1,090	361413	395702
papers	citations	20	33
		h-index	g-index

37	37	37	1724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of an Acrylate Derivative Targeting the NLRP3 Inflammasome for the Treatment of Inflammatory Bowel Disease. Journal of Medicinal Chemistry, 2017, 60, 3656-3671.	6.4	131
2	A one-pot ultrasound-assisted water extraction/cyclodextrin encapsulation of resveratrol from Polygonum cuspidatum. Food Chemistry, 2012, 130, 746-750.	8.2	92
3	Electrophilic Warhead-Based Design of Compounds Preventing NLRP3 Inflammasome-Dependent Pyroptosis. Journal of Medicinal Chemistry, 2014, 57, 10366-10382.	6.4	69
4	Design, Synthesis, and Evaluation of Acrylamide Derivatives as Direct NLRP3 Inflammasome Inhibitors. ChemMedChem, 2016, 11, 1790-1803.	3.2	62
5	Use of human Dihydroorotate Dehydrogenase (hDHODH) Inhibitors in Autoimmune Diseases and New Perspectives in Cancer Therapy. Recent Patents on Anti-Cancer Drug Discovery, 2018, 13, 86-105.	1.6	61
6	Targeting Myeloid Differentiation Using Potent 2-Hydroxypyrazolo[1,5-a]pyridine Scaffold-Based Human Dihydroorotate Dehydrogenase Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 6034-6055.	6.4	57
7	Î±-ketoglutarate dehydrogenase inhibition counteracts breast cancer-associated lung metastasis. Cell Death and Disease, 2018, 9, 756.	6.3	54
8	NO-Donor Phenols:â€‰ A New Class of Products Endowed with Antioxidant and Vasodilator Properties. Journal of Medicinal Chemistry, 2006, 49, 2886-2897.	6.4	46
9	Design, synthesis, biological evaluation and X-ray structural studies of potent human dihydroorotate dehydrogenase inhibitors based on hydroxylated azole scaffolds. European Journal of Medicinal Chemistry, 2017, 129, 287-302.	5.5	46
10	Methotrexate-Loaded Solid Lipid Nanoparticles: Protein Functionalization to Improve Brain Biodistribution. Pharmaceutics, 2019, 11, 65.	4.5	39
11	Synthesis, Physicochemical Characterization, and Biological Activities of New Carnosine Derivatives Stable in Human Serum As Potential Neuroprotective Agents. Journal of Medicinal Chemistry, 2011, 54, 611-621.	6.4	36
12	Edaravone Derivatives Containing NO-Donor Functions. Journal of Medicinal Chemistry, 2009, 52, 574-578.	6.4	35
13	A Comparative Study on the Efficacy of NLRP3 Inflammasome Signaling Inhibitors in a Pre-clinical Model of Bowel Inflammation. Frontiers in Pharmacology, 2018, 9, 1405.	3.5	33
14	Amodiaquine analogues containing NO-donor substructures: Synthesis and their preliminary evaluation as potential tools in the treatment of cerebral malaria. European Journal of Medicinal Chemistry, 2011, 46, 1757-1767.	5.5	29
15	New inhibitors of dihydroorotate dehydrogenase (DHODH) based on the 4-hydroxy-1,2,5-oxadiazol-3-yl (hydroxyfurazanyl) scaffold. European Journal of Medicinal Chemistry, 2012, 49, 102-109.	5.5	29
16	1,2,5-Oxadiazole analogues of leflunomide and related compounds. European Journal of Medicinal Chemistry, 2011, 46, 383-392.	5.5	28
17	Development of covalent NLRP3 inflammasome inhibitors: Chemistry and biological activity. Archives of Biochemistry and Biophysics, 2019, 670, 116-139.	3.0	27
18	Hydroxyazole scaffold-based Plasmodium falciparum dihydroorotate dehydrogenase inhibitors: Synthesis, biological evaluation and X-ray structural studies. European Journal of Medicinal Chemistry, 2019, 163, 266-280.	5.5	23

#	Article	IF	Citations
19	The effect of hazelnut roasted skin from different cultivars on the quality attributes, polyphenol content and texture of fresh egg pasta. Journal of the Science of Food and Agriculture, 2015, 95, 1678-1688.	3.5	21
20	The Synergism between DHODH Inhibitors and Dipyridamole Leads to Metabolic Lethality in Acute Myeloid Leukemia. Cancers, 2021, 13, 1003.	3.7	21
21	Effective deploying of a novel DHODH inhibitor against herpes simplex type 1 and type 2 replication. Antiviral Research, 2021, 189, 105057.	4.1	21
22	The role of fluorine in stabilizing the bioactive conformation of dihydroorotate dehydrogenase inhibitors. Journal of Molecular Modeling, 2013, 19, 1099-1107.	1.8	19
23	Targeting Acute Myelogenous Leukemia Using Potent Human Dihydroorotate Dehydrogenase Inhibitors Based on the 2-Hydroxypyrazolo[1,5-a]pyridine Scaffold: SAR of the Biphenyl Moiety. Journal of Medicinal Chemistry, 2021, 64, 5404-5428.	6.4	19
24	Novel antioxidant agents deriving from molecular combination of Vitamin C and NO-donor moieties. Bioorganic and Medicinal Chemistry, 2008, 16, 5199-5206.	3.0	16
25	Carnosine analogues containing NO-donor substructures: Synthesis, physico-chemical characterization and preliminary pharmacological profile. European Journal of Medicinal Chemistry, 2012, 54, 103-112.	5.5	14
26	Design and synthesis of Nâ€benzoyl amino acid derivatives as <scp>DNA</scp> methylation inhibitors. Chemical Biology and Drug Design, 2016, 88, 664-676.	3.2	13
27	An evaluation of the antioxidant properties of Arthrospira maxima extracts obtained using non-conventional techniques. European Food Research and Technology, 2017, 243, 227-237.	3.3	13
28	Synthesis physicochemical profile and PAMPA study of new NO-donor edaravone co-drugs. Bioorganic and Medicinal Chemistry, 2012, 20, 841-850.	3.0	11
29	Chemical Modulation of the 1-(Piperidin-4-yl)-1,3-dihydro-2H-benzo[d]imidazole-2-one Scaffold as a Novel NLRP3 Inhibitor. Molecules, 2021, 26, 3975.	3.8	10
30	Chemical modifications of Tonda Gentile Trilobata hazelnut and derived processing products under different infrared and hotâ€air roasting conditions: a combined analytical study. Journal of the Science of Food and Agriculture, 2018, 98, 4561-4569.	3.5	5
31	Multitarget Antioxidant NO-Donor Organic Nitrates: A Novel Approach to Overcome Nitrates Tolerance, an Ex Vivo Study. Antioxidants, 2022, 11, 166.	5.1	4
32	Identification of Human Dihydroorotate Dehydrogenase Inhibitor by a Pharmacophore-Based Virtual Screening Study. Molecules, 2022, 27, 3660.	3.8	3
33	Multitarget Drugs: Synthesis and Preliminary Pharmacological Characterization of Zileuton Analogues Endowed with Dual 5â€LO Inhibitor and NOâ€Dependent Activities. ChemMedChem, 2010, 5, 1444-1449.	3.2	2
34	Dihydroorotate dehydrogenase inhibition reveals metabolic vulnerability in chronic myeloid leukemia. Cell Death and Disease, 2022, 13, .	6.3	1