

Marta Giorgis

List of Publications by Citations

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Version: 2024-04-26

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31
papers

786
citations

17
h-index

27
g-index

37
ext. papers

946
ext. citations

5.9
avg, IF

3.63
L-index

#	Paper	IF	Citations
31	Development of an Acrylate Derivative Targeting the NLRP3 Inflammasome for the Treatment of Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3656-3671	8.3	95
30	A one-pot ultrasound-assisted water extraction/cyclodextrin encapsulation of resveratrol from <i>Polygonum cuspidatum</i> . <i>Food Chemistry</i> , 2012 , 130, 746-750	8.5	82
29	Electrophilic warhead-based design of compounds preventing NLRP3 inflammasome-dependent pyroptosis. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 10366-82	8.3	58
28	Design, Synthesis, and Evaluation of Acrylamide Derivatives as Direct NLRP3 Inflammasome Inhibitors. <i>ChemMedChem</i> , 2016 , 11, 1790-803	3.7	46
27	NO-donor phenols: a new class of products endowed with antioxidant and vasodilator properties. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 2886-97	8.3	43
26	Use of human Dihydroorotate Dehydrogenase (hDHODH) Inhibitors in Autoimmune Diseases and New Perspectives in Cancer Therapy. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018 , 13, 86-105	2.6	42
25	Targeting Myeloid Differentiation Using Potent 2-Hydroxypyrazolo[1,5- a]pyridine Scaffold-Based Human Dihydroorotate Dehydrogenase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 6034-6055	8.3	38
24	Design, synthesis, biological evaluation and X-ray structural studies of potent human dihydroorotate dehydrogenase inhibitors based on hydroxylated azole scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2017 , 129, 287-302	6.8	32
23	Eketoglutarate dehydrogenase inhibition counteracts breast cancer-associated lung metastasis. <i>Cell Death and Disease</i> , 2018 , 9, 756	9.8	32
22	Edaravone derivatives containing NO-donor functions. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 574-8	8.3	31
21	Synthesis, physicochemical characterization, and biological activities of new carnosine derivatives stable in human serum as potential neuroprotective agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 611-21	8.3	27
20	Amodiaquine analogues containing NO-donor substructures: synthesis and their preliminary evaluation as potential tools in the treatment of cerebral malaria. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 1757-67	6.8	26
19	Methotrexate-Loaded Solid Lipid Nanoparticles: Protein Functionalization to Improve Brain Biodistribution. <i>Pharmaceutics</i> , 2019 , 11,	6.4	25
18	New inhibitors of dihydroorotate dehydrogenase (DHODH) based on the 4-hydroxy-1,2,5-oxadiazol-3-yl (hydroxyfurazanyl) scaffold. <i>European Journal of Medicinal Chemistry</i> , 2012 , 49, 102-9	6.8	25
17	1,2,5-Oxadiazole analogues of leflunomide and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 383-92	6.8	23
16	A Comparative Study on the Efficacy of NLRP3 Inflammasome Signaling Inhibitors in a Pre-clinical Model of Bowel Inflammation. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1405	5.6	22
15	The role of fluorine in stabilizing the bioactive conformation of dihydroorotate dehydrogenase inhibitors. <i>Journal of Molecular Modeling</i> , 2013 , 19, 1099-107	2	18

14	Development of covalent NLRP3 inflammasome inhibitors: Chemistry and biological activity. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 670, 116-139	4.1	17
13	Novel antioxidant agents deriving from molecular combination of Vitamin C and NO-donor moieties. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 5199-206	3.4	15
12	The effect of hazelnut roasted skin from different cultivars on the quality attributes, polyphenol content and texture of fresh egg pasta. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 1678-88	4.3	14
11	Hydroxyazole scaffold-based Plasmodium falciparum dihydroorotate dehydrogenase inhibitors: Synthesis, biological evaluation and X-ray structural studies. <i>European Journal of Medicinal Chemistry</i> , 2019 , 163, 266-280	6.8	14
10	An evaluation of the antioxidant properties of Arthrospira maxima extracts obtained using non-conventional techniques. <i>European Food Research and Technology</i> , 2017 , 243, 227-237	3.4	11
9	Design and synthesis of N-benzoyl amino acid derivatives as DNA methylation inhibitors. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 664-676	2.9	11
8	Carnosine analogues containing NO-donor substructures: synthesis, physico-chemical characterization and preliminary pharmacological profile. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 103-12	6.8	10
7	Targeting Acute Myelogenous Leukemia Using Potent Human Dihydroorotate Dehydrogenase Inhibitors Based on the 2-Hydroxypyrazolo[1,5-]pyridine Scaffold: SAR of the Biphenyl Moiety. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 5404-5428	8.3	6
6	Effective deploying of a novel DHODH inhibitor against herpes simplex type 1 and type 2 replication. <i>Antiviral Research</i> , 2021 , 189, 105057	10.8	6
5	Synthesis physicochemical profile and PAMPA study of new NO-donor edaravone co-drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 841-50	3.4	5
4	The Synergism between DHODH Inhibitors and Dipyridamole Leads to Metabolic Lethality in Acute Myeloid Leukemia. <i>Cancers</i> , 2021 , 13,	6.6	4
3	Chemical modifications of Tonda Gentile Trilobata hazelnut and derived processing products under different infrared and hot-air roasting conditions: a combined analytical study. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 4561-4569	4.3	3
2	Chemical Modulation of the 1-(Piperidin-4-yl)-1,3-dihydro-2-benzo[d]imidazole-2-one Scaffold as a Novel NLRP3 Inhibitor. <i>Molecules</i> , 2021 , 26,	4.8	3
1	Multitarget drugs: synthesis and preliminary pharmacological characterization of zileuton analogues endowed with Dual 5-LO inhibitor and NO-dependent activities. <i>ChemMedChem</i> , 2010 , 5, 1444-5	2.7	1