

Marta Giorgis

List of Publications by Year in descending order

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34
papers

1,090
citations

361296
20
h-index

395590
33
g-index

37
all docs

37
docs citations

37
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.9	131
2	A one-pot ultrasound-assisted water extraction/cyclodextrin encapsulation of resveratrol from <i>Polygonum cuspidatum</i> . <i>Food Chemistry</i> , 2012, 130, 746-750.	4.2	92
3	Electrophilic Warhead-Based Design of Compounds Preventing NLRP3 Inflammasome-Dependent Pyroptosis. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10366-10382.	2.9	69
4	Design, Synthesis, and Evaluation of Acrylamide Derivatives as Direct NLRP3 Inflammasome Inhibitors. <i>ChemMedChem</i> , 2016, 11, 1790-1803.	1.6	62
5	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.	0.8	61
6	Targeting Myeloid Differentiation Using Potent 2-Hydroxypyrazolo[1,5- <i>a</i>]pyridine Scaffold-Based Human Dihydroorotate Dehydrogenase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6034-6055.	2.9	57
7	±-ketoglutarate dehydrogenase inhibition counteracts breast cancer-associated lung metastasis. <i>Cell Death and Disease</i> , 2018, 9, 756.	2.7	54
8	NO-Donor Phenols: A New Class of Products Endowed with Antioxidant and Vasodilator Properties. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2886-2897.	2.9	46
9	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.	2.6	46
10	Methotrexate-Loaded Solid Lipid Nanoparticles: Protein Functionalization to Improve Brain Biodistribution. <i>Pharmaceutics</i> , 2019, 11, 65.	2.0	39
11	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, 611-621.	2.9	36
12	Edaravone Derivatives Containing NO-Donor Functions. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 574-578.	2.9	35
13	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.	1.6	33
14	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, 1757-1767.	2.6	29
15	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, 102-109.	2.6	29
16	1,2,5-Oxadiazole analogues of leflunomide and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 383-392.	2.6	28
17	Development of covalent NLRP3 inflammasome inhibitors: Chemistry and biological activity. <i>Archives of Biochemistry and Biophysics</i> , 2019, 670, 116-139.	1.4	27
18	Hydroxyazole scaffold-based <i>Plasmodium falciparum</i> dihydroorotate dehydrogenase inhibitors: Synthesis, biological evaluation and X-ray structural studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 266-280.	2.6	23

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19	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, 1678-1688.	1.7	21
20	The Synergism between DHODH Inhibitors and Dipyridamole Leads to Metabolic Lethality in Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 1003.	1.7	21
21	Effective deploying of a novel DHODH inhibitor against herpes simplex type 1 and type 2 replication. <i>Antiviral Research</i> , 2021, 189, 105057.	1.9	21
22	The role of fluorine in stabilizing the bioactive conformation of dihydroorotate dehydrogenase inhibitors. <i>Journal of Molecular Modeling</i> , 2013, 19, 1099-1107.	0.8	19
23	Targeting Acute Myelogenous Leukemia Using Potent Human Dihydroorotate Dehydrogenase Inhibitors Based on the 2-Hydroxypyrazolo[1,5- <i>a</i>]pyridine Scaffold: SAR of the Biphenyl Moiety. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5404-5428.	2.9	19
24	Novel antioxidant agents deriving from molecular combination of Vitamin C and NO-donor moieties. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5199-5206.	1.4	16
25	Carnosine analogues containing NO-donor substructures: Synthesis, physico-chemical characterization and preliminary pharmacological profile. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 103-112.	2.6	14
26	Design and synthesis of <i>N</i> -benzoyl amino acid derivatives as DNA methylation inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 88, 664-676.	1.5	13
27	An evaluation of the antioxidant properties of <i>Arthrospira maxima</i> extracts obtained using non-conventional techniques. <i>European Food Research and Technology</i> , 2017, 243, 227-237.	1.6	13
28	Synthesis physicochemical profile and PAMPA study of new NO-donor edaravone co-drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 841-850.	1.4	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. <i>Molecules</i> , 2021, 26, 3975.	1.7	10
30	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.	1.7	5
31	Multitarget Antioxidant NO-Donor Organic Nitrates: A Novel Approach to Overcome Nitrates Tolerance, an Ex Vivo Study. <i>Antioxidants</i> , 2022, 11, 166.	2.2	4
32	Identification of Human Dihydroorotate Dehydrogenase Inhibitor by a Pharmacophore-Based Virtual Screening Study. <i>Molecules</i> , 2022, 27, 3660.	1.7	3
33	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, 1444-1449.	1.6	2
34	Dihydroorotate dehydrogenase inhibition reveals metabolic vulnerability in chronic myeloid leukemia. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	1