Cristina Maccallini

List of Publications by Year
in descending order

70	1,231	346980 22	511568 30
papers	citations	h-index	g-index

71	71	71	1533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Olea europea L. Leaves and Hibiscus sabdariffa L. Petals Extracts: Herbal Mix from Cardiovascular Network Target to Gut Motility Dysfunction Application. Nutrients, 2022, 14, 463.	1.7	5
2	HDAC Inhibitors for the Therapy of Triple Negative Breast Cancer. Pharmaceuticals, 2022, 15, 667.	1.7	15
3	New azolyl-derivatives as multitargeting agents against breast cancer and fungal infections: synthesis, biological evaluation and docking study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1631-1644.	2.5	9
4	Design, synthesis and biological evaluation of imidazole and triazole-based carbamates as novel aromatase inhibitors. European Journal of Medicinal Chemistry, 2021, 211, 113115.	2.6	28
5	Selective Inhibitors of the Inducible Nitric Oxide Synthase as Modulators of Cell Responses in LPS-Stimulated Human Monocytes. Molecules, 2021, 26, 4419.	1.7	6
6	Design, Synthesis and Biological Evaluation of Aromatase Inhibitors Based on Sulfonates and Sulfonamides of Resveratrol. Pharmaceuticals, 2021, 14, 984.	1.7	16
7	Synthesis, structure-activity relationships and molecular docking studies of phenyldiazenyl sulfonamides as aromatase inhibitors. European Journal of Medicinal Chemistry, 2021, 224, 113737.	2.6	14
8	Choline Chloride-Based DES as Solvents/Catalysts/Chemical Donors in Pharmaceutical Synthesis. Molecules, 2021, 26, 6286.	1.7	26
9	Synthesis, biological evaluation, and docking study of indole aryl sulfonamides as aromatase inhibitors. European Journal of Medicinal Chemistry, 2020, 185, 111815.	2.6	42
10	Targeting iNOS As a Valuable Strategy for the Therapy of Glioma. ChemMedChem, 2020, 15, 339-344.	1.6	15
11	A Novel Prodrug of a nNOS Inhibitor with Improved Pharmacokinetic Potential. ChemMedChem, 2020, 15, 2157-2163.	1.6	4
12	Antiglioma Activity of Aryl and Amido-Aryl Acetamidine Derivatives Targeting iNOS: Synthesis and Biological Evaluation. ACS Medicinal Chemistry Letters, 2020, 11, 1470-1475.	1.3	9
13	Sulfonimide and Amide Derivatives as Novel PPARÎ± Antagonists: Synthesis, Antiproliferative Activity, and Docking Studies. ACS Medicinal Chemistry Letters, 2020, 11, 624-632.	1.3	13
14	Acetamidine-Based iNOS Inhibitors as Molecular Tools to Counteract Inflammation in BV2 Microglial Cells. Molecules, 2020, 25, 2646.	1.7	9
15	Design, synthesis and biological activity of selective hCAs inhibitors based on 2-(benzylsulfinyl)benzoic acid scaffold. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1400-1413.	2.5	24
16	Druggability profile of stilbene-derived PPAR agonists: determination of physicochemical properties and PAMPA study. MedChemComm, 2019, 10, 1892-1899.	3.5	3
17	Inhibitors of the Inducible Nitric Oxide Synthase as Antiglioma Agents. Proceedings (mdpi), 2019, 22, .	0.2	1
18	The Selective Acetamidine-Based iNOS Inhibitor CM544 Reduces Glioma Cell Proliferation by Enhancing PARP-1 Cleavage In Vitro. International Journal of Molecular Sciences, 2019, 20, 495.	1.8	12

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19	Synthesis of novel benzothiazole amides: Evaluation of PPAR activity and anti-proliferative effects in paraganglioma, pancreatic and colorectal cancer cell lines. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2302-2306.	1.0	13
20	Fibrate-basedN-acylsulphonamides targeting carbonic anhydrases: synthesis, biochemical evaluation, and docking studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1051-1061.	2.5	13
21	Synthesis and cytotoxic effects on pancreatic cancer cells of resveratrol analogs. Medicinal Chemistry Research, 2019, 28, 984-991.	1.1	21
22	Multitarget PPARÎ³ agonists as innovative modulators of the metabolic syndrome. European Journal of Medicinal Chemistry, 2019, 173, 261-273.	2.6	30
23	Novel Phenyldiazenyl Fibrate Analogues as PPAR Î±/Î³/Î´ Pan-Agonists for the Amelioration of Metabolic Syndrome. ACS Medicinal Chemistry Letters, 2019, 10, 545-551.	1.3	21
24	Discovery of N-{3-[(ethanimidoylamino)methyl]benzyl}-l-prolinamide dihydrochloride: A new potent and selective inhibitor of the inducible nitric oxide synthase as a promising agent for the therapy of malignant glioma. European Journal of Medicinal Chemistry, 2018, 152, 53-64.	2.6	19
25	Discovery of new FXR agonists based on 6-ECDCA binding properties by virtual screening and molecular docking. MedChemComm, 2018, 9, 1630-1638.	3.5	10
26	Synthesis, Characterization and Evaluation of Gemfibrozil-Stilbene Hybrid as Antioxidant Agent. Letters in Drug Design and Discovery, 2018, 15, 1230-1238.	0.4	8
27	Anticancer Activity of Stilbeneâ€Based Derivatives. ChemMedChem, 2017, 12, 558-570.	1.6	95
28	Cytotoxic effect of a family of peroxisome proliferatorâ€activated receptor antagonists in colorectal and pancreatic cancer cell lines. Chemical Biology and Drug Design, 2017, 90, 1029-1035.	1.5	21
29	The Positive Regulation of eNOS Signaling by PPAR Agonists in Cardiovascular Diseases. American Journal of Cardiovascular Drugs, 2017, 17, 273-281.	1.0	49
30	Geometric Isomerism of an Acetamidino Derivative Determined by NMR Investigations. ChemistrySelect, 2017, 2, 9706-9710.	0.7	0
31	Amidine-Based Compounds Affecting l-Arginine Metabolism. , 2017, , 41-53.		0
32	Targeting Malassezia species for Novel Synthetic and Natural Antidandruff Agents. Current Medicinal Chemistry, 2017, 24, 2392-2412.	1.2	29
33	Methods to Evaluate the Activity of Nitric Oxide Synthase. Current Pharmaceutical Analysis, 2017, 13, .	0.3	1
34	Recent Developments of Amidine-like Compounds as Selective NOS Inhibitors. Current Enzyme Inhibition, 2016, 12, 30-39.	0.3	16
35	Synthesis and biological characterization of 3-(imidazol-1-ylmethyl)piperidine sulfonamides as aromatase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3192-3194.	1.0	30
36	Indazole, Pyrazole, and Oxazole Derivatives Targeting Nitric Oxide Synthases and Carbonic Anhydrases. ChemMedChem, 2016, 11, 1695-1699.	1.6	26

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37	Synthesis of Naphthylâ€• Quinolinâ€•and Anthracenyl Analogues of Clofibric Acid as <scp>PPAR</scp>Î± Agonists. Chemical Biology and Drug Design, 2016, 87, 467-471.	1.5	6
38	Screening of NOS activity and selectivity of newly synthesized acetamidines using RP-HPLC. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 419-424.	1.4	13
39	Synthesis, inÂvitro evaluation, and molecular modeling investigation of benzenesulfonimide peroxisome proliferator-activated receptors Î± antagonists. European Journal of Medicinal Chemistry, 2016, 114, 191-200.	2.6	16
40	Hemopressin Peptides as Modulators of the Endocannabinoid System and their Potential Applications as Therapeutic Tools. Protein and Peptide Letters, 2016, 23, 1045-1051.	0.4	27
41	Synthetic Strategies to Serine-Proline Chimeras: An Overview. Current Bioactive Compounds, 2016, 12, 136-145.	0.2	1
42	Targeting neuronal nitric oxide synthase as a valuable strategy for the therapy of neurological disorders. Neural Regeneration Research, 2016, 11, 1731.	1.6	29
43	Synthetic Methodologies for the Preparation of Arginine-Proline Derivatives. Current Bioactive Compounds, 2016, 12, 182-190.	0.2	0
44	PPARÎ± agonists based on stilbene and its bioisosteres: biological evaluation and docking studies. MedChemComm, 2015, 6, 1513-1517.	3.5	13
45	Selective Acetamidine-Based Nitric Oxide Synthase Inhibitors: Synthesis, Docking, and Biological Studies. ACS Medicinal Chemistry Letters, 2015, 6, 635-640.	1.3	24
46	Titanium-Promoted Acylation of Sulfonamides toN-Acylsulfonamide PPARÎ±Antagonists. Synthetic Communications, 2015, 45, 2546-2554.	1.1	4
47	Structural development studies of PPARs ligands based on tyrosine scaffold. European Journal of Medicinal Chemistry, 2015, 89, 817-825.	2.6	30
48	Reversed-phase high-performance liquid chromatography method with fluorescence detection to screen nitric oxide synthases inhibitors. Journal of Separation Science, 2014, 37, 1380-1385.	1.3	9
49	Amidine-Based Bioactive Compounds for the Regulation of Arginine Metabolism. Mini-Reviews in Medicinal Chemistry, 2013, 13, 1305-1310.	1.1	32
50	Effect of Stilbene and Chalcone Scaffolds Incorporation in Clofibric Acid on PPARα . Agonistic Activity. Medicinal Chemistry, 2013, 10, 59-65.	0.7	15
51	Selective Inhibition of Inducible Nitric Oxide Synthase by Derivatives of Acetamidine. Medicinal Chemistry, 2012, 8, 991-995.	0.7	2
52	Synthesis and structureâ€“activity relationships of fibrate-based analogues inside PPARs. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7662-7666.	1.0	31
53	Novel aminobenzyl-acetamidine derivative modulate the differential regulation of NOSs in LPS induced inflammatory response: Role of PI3K/Akt pathway. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 2095-2104.	1.1	39
54	Fibrate-derived N-(methylsulfonyl)amides with antagonistic properties on PPARÎ±. European Journal of Medicinal Chemistry, 2012, 58, 317-322.	2.6	21

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55	QSAR, QSPR and QSRR in Terms of 3-D-MoRSE Descriptors for In Silico Screening of Clofibric Acid Analogues. Molecular Informatics, 2012, 31, 453-458.	1.4	12
56	Selective Inhibition of Inducible Nitric Oxide Synthase by Derivatives of Acetamidine. Medicinal Chemistry, 2012, 8, 991-995.	0.7	9
57	Discovery of gemfibrozil analogues that activate PPARÎ± and enhance the expression of gene CPT1A involved in fatty acids catabolism. European Journal of Medicinal Chemistry, 2011, 46, 5218-5224.	2.6	28
58	Benzothiazole-based N-(phenylsulfonyl)amides as a novel family of PPARÎ± antagonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4869-4872.	1.0	31
59	Selective Inhibition of iNOS by Benzylâ€•and Dibenzyl Derivatives of Nâ€(3â€Aminobenzyl)acetamidine. ChemMedChem, 2011, 6, 1203-1206.	1.6	21
60	Synthesis and Biological Evaluation of Gemfibrozil Chiral Analogues as Potential PPARα Agonists. Letters in Drug Design and Discovery, 2011, 8, 154-158.	0.4	3
61	N-Substituted acetamidines and 2-methylimidazole derivatives as selective inhibitors of neuronal nitric oxide synthase. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6495-6499.	1.0	27
62	Synthesis, Biological Evaluation, and Docking Studies of N-Substituted Acetamidines as Selective Inhibitors of Inducible Nitric Oxide Synthase. Journal of Medicinal Chemistry, 2009, 52, 1481-1485.	2.9	31
63	Synthesis and Biological Evaluation of 2-Heteroarylthioalkanoic Acid Analogues of Clofibric Acid as Peroxisome Proliferator-Activated Receptor Î± Agonists. Journal of Medicinal Chemistry, 2009, 52, 6224-6232.	2.9	22
64	Candida rugosa lipaseâ€catalysed kinetic resolution of 2â€substitutedâ€aryloxyacetic esters with dimethylsulfoxide and isopropanol as additives. Chirality, 2008, 20, 115-118.	1.3	20
65	Synthesis of 2-aryloxypropanoic acids analogues of clofibric acid and assignment of the absolute configuration by 1H NMR spectroscopy and DFT calculations. Tetrahedron: Asymmetry, 2008, 19, 989-997.	1.8	11
66	The excitationâ€“contraction coupling on C2C12 skeletal muscle myotubes was modulated by NO-donor ester of gemfibrozil. Nitric Oxide - Biology and Chemistry, 2008, 18, 168-175.	1.2	3
67	Asymmetric Synthesis of Arylpropionic Acids and Aryloxy Acids by Using Lactamides as Chiral Auxiliaries. European Journal of Organic Chemistry, 2006, 2006, 4088-4091.	1.2	17
68	Enantiomeric separation of gemfibrozil chiral analogues by capillary electrophoresis with heptakis(2,3,6-tri-O-methyl)-Î²-cyclodextrin as chiral selector. Journal of Chromatography A, 2005, 1088, 110-120.	1.8	10
69	Synthesis and antibacterial evaluation of oxazolidin-2-ones structurally related to linezolid. Il Farmaco, 2004, 59, 685-690.	0.9	10
70	Dynamic kinetic resolution of alpha-bromoesters containing lactamides as chiral auxiliaries. Arkivoc, 2004, 2004, 375-381.	0.3	9