Alessandra Ammazzalorso

List of Publications by Citations

72 papers	938 citations	19 h-index	24 g-index
74 ext. papers	1,142 ext. citations	3.8 avg, IF	4.12 L-index

#	Paper	IF	Citations
72	Anticancer Activity of Stilbene-Based Derivatives. *ChemMedChem*, **2017**, 12, 558-570	3.7	64
71	N-acylsulfonamides: Synthetic routes and biological potential in medicinal chemistry. *Chemical Biology and Drug Design*, **2017**, 90, 1094-1105	2.9	43
70	Different binding and recognition modes of GL479, a dual agonist of Peroxisome Proliferator-Activated Receptor . *Journal of Structural Biology*, **2015**, 191, 332-40	3.4	30
69	Benzothiazole-based N-(phenylsulfonyl)amides as a novel family of PPAR antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 4869-72	2.9	30
68	Synthesis, biological evaluation, and docking studies of N-substituted acetamidines as selective inhibitors of inducible nitric oxide synthase. *Journal of Medicinal Chemistry*, **2009**, 52, 1481-5	8.3	29
67	Structural development studies of PPARs ligands based on tyrosine scaffold. *European Journal of Medicinal Chemistry*, **2015**, 89, 817-25	6.8	27
66	Synthesis and structure-activity relationships of fibrate-based analogues inside PPARs. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 7662-6	2.9	27
65	N-Substituted acetamidines and 2-methylimidazole derivatives as selective inhibitors of neuronal nitric oxide synthase. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 6495-9	2.9	27
64	Discovery of gemfibrozil analogues that activate PPAR and enhance the expression of gene CPT1A involved in fatty acids catabolism. *European Journal of Medicinal Chemistry*, **2011**, 46, 5218-24	6.8	26
63	Indazole, Pyrazole, and Oxazole Derivatives Targeting Nitric Oxide Synthases and Carbonic Anhydrases. *ChemMedChem*, **2016**, 11, 1695-9	3.7	23
62	Selective Acetamidine-Based Nitric Oxide Synthase Inhibitors: Synthesis, Docking, and Biological Studies. *ACS Medicinal Chemistry Letters*, **2015**, 6, 635-40	4.3	22
61	Synthesis, biological evaluation, and docking study of indole aryl sulfonamides as aromatase inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 185, 111815	6.8	22
60	Synthesis and biological characterization of 3-(imidazol-1-ylmethyl)piperidine sulfonamides as aromatase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 3192-3194	2.9	22
59	Blocking the peroxisome proliferator-activated receptor (PPAR): an overview. *ChemMedChem*, **2013** , 8, 1609-16	3.7	20
58	PPAR Antagonist AA452 Triggers Metabolic Reprogramming and Increases Sensitivity to Radiation Therapy in Human Glioblastoma Primary Cells. *Journal of Cellular Physiology*, **2017**, 232, 1458-1466	7	20
57	Selective inhibition of iNOS by benzyl- and dibenzyl derivatives of N-(3-aminobenzyl)acetamidine. *ChemMedChem*, **2011**, 6, 1203-6	3.7	20
56	Effects of PPAR inhibition in head and neck paraganglioma cells. *PLoS ONE*, **2017**, 12, e0178995	3.7	19

55	Fibrate-derived N-(methylsulfonyl)amides with antagonistic properties on PPAR. *European Journal of Medicinal Chemistry*, **2012**, 58, 317-22	6.8	19
54	Candida rugosa lipase-catalysed kinetic resolution of 2-substituted-aryloxyacetic esters with dimethylsulfoxide and isopropanol as additives. *Chirality*, **2008**, 20, 115-8	2.1	19
53	Multitarget PPARagonists as innovative modulators of the metabolic syndrome. *European Journal of Medicinal Chemistry*, **2019**, 173, 261-273	6.8	18
52	Synthesis and biological evaluation of 2-heteroarylthioalkanoic acid analogues of clofibric acid as peroxisome proliferator-activated receptor alpha agonists. *Journal of Medicinal Chemistry*, **2009**, 52, 6224-32	8.3	18
51	Asymmetric synthesis of (S)-ibuprofen by esterification with amides of (S)-lactic acid as chiral auxiliaries: experimental and theoretical results. *Tetrahedron Letters*, **2002**, 43, 4325-4328	2	17
50	Novel Phenyldiazenyl Fibrate Analogues as PPAR Pan-Agonists for the Amelioration of Metabolic Syndrome. *ACS Medicinal Chemistry Letters*, **2019**, 10, 545-551	4.3	17
49	Asymmetric Synthesis of Arylpropionic Acids and Aryloxy Acids by Using Lactamides as Chiral Auxiliaries. *European Journal of Organic Chemistry*, **2006**, 2006, 4088-4091	3.2	16
48	Development of Fibrates as Important Scaffolds in Medicinal Chemistry. *ChemMedChem*, **2019**, 14, 1051-1066	3.7	15
47	Cytotoxic effect of a family of peroxisome proliferator-activated receptor antagonists in colorectal and pancreatic cancer cell lines. *Chemical Biology and Drug Design*, **2017**, 90, 1029-1035	2.9	14
46	Synthesis and cytotoxic effects on pancreatic cancer cells of resveratrol analogs. *Medicinal Chemistry Research*, **2019**, 28, 984-991	2.2	14
45	Stilbene derivatives as new perspective in antifungal medicinal chemistry. *Drug Development Research*, **2019**, 80, 285-293	5.1	14
44	Design, synthesis and biological evaluation of imidazole and triazole-based carbamates as novel aromatase inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 211, 113115	6.8	14
43	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	6.8	13
42	Synthesis, in vitro evaluation, and molecular modeling investigation of benzenesulfonimide peroxisome proliferator-activated receptors antagonists. *European Journal of Medicinal Chemistry* , **2016**, 114, 191-200	6.8	13
41	Fibrate-based N-acylsulphonamides targeting carbonic anhydrases: synthesis, biochemical evaluation, and docking studies. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 1051-1061	5.6	12
40	Screening of NOS activity and selectivity of newly synthesized acetamidines using RP-HPLC. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 120, 419-24	3.5	12
39	Effect of stilbene and chalcone scaffolds incorporation in clofibric acid on PPARagonistic activity. *Medicinal Chemistry*, **2014**, 10, 59-65	1.8	12
38	2-substituted benzothiazoles as antiproliferative agents: Novel insights on structure-activity relationships. *European Journal of Medicinal Chemistry*, **2020**, 207, 112762	6.8	12

37	PPARδ agonists based on stilbene and its bioisosteres: biological evaluation and docking studies. *MedChemComm*, **2015**, 6, 1513-1517	5	11
36	The Anticancer Potential of Peroxisome Proliferator-Activated Receptor Antagonists. *ChemMedChem*, **2018**, 13, 209-219	3.7	11
35	QSAR, QSPR and QSRR in Terms of 3-D-MoRSE Descriptors for In Silico Screening of Clofibric Acid Analogues. *Molecular Informatics*, **2012**, 31, 453-8	3.8	10
34	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		10
33	Enantiomeric separation of gemfibrozil chiral analogues by capillary electrophoresis with heptakis(2,3,6-tri-O-methyl)-beta-cyclodextrin as chiral selector. *Journal of Chromatography A*, **2005**, 1088, 110-20	4.5	10
32	Reversed-phase high-performance liquid chromatography method with fluorescence detection to screen nitric oxide synthases inhibitors. *Journal of Separation Science*, **2014**, 37, 1380-5	3.4	9
31	Synthesis and antibacterial evaluation of oxazolidin-2-ones structurally related to linezolid. *Il Farmaco*, **2004**, 59, 685-90		9
30	Dynamic kinetic resolution of alpha-bromoesters containing lactamides as chiral auxiliaries. *Arkivoc*, **2004**, 2004, 375-381	0.9	9
29	Selective inhibition of inducible nitric oxide synthase by derivatives of acetamidine. *Medicinal Chemistry*, **2012**, 8, 991-5	1.8	9
28	Synthesis and antiplatelet activity of thioaryloxyacids analogues of clofibric acid. *European Journal of Medicinal Chemistry*, **2005**, 40, 918-21	6.8	8
27	Synthesis of diastereomerically enriched 2-bromoesters and their reaction with nucleophiles. *Chirality*, **2001**, 13, 102-8	2.1	8
26	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,	6.3	7
25	Synthesis, Characterization and Evaluation of Gemfibrozil-Stilbene Hybrid as Antioxidant Agent. *Letters in Drug Design and Discovery*, **2018**, 15, 1230-1238	0.8	7
24	Seeking for Non-Zinc-Binding MMP-2 Inhibitors: Synthesis, Biological Evaluation and Molecular Modelling Studies. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	7
23	Discovery of new FXR agonists based on 6-ECDCA binding properties by virtual screening and molecular docking. *MedChemComm*, **2018**, 9, 1630-1638	5	7
22	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	2.9	6
21	Inhibition of PPARδ by Natural Compounds as a Promising Strategy in Obesity and Diabetes. *Open Medicinal Chemistry Journal*, **2019**, 13, 7-15	1.2	6
20	Antiglioma Activity of Aryl and Amido-Aryl Acetamidine Derivatives Targeting iNOS: Synthesis and Biological Evaluation. *ACS Medicinal Chemistry Letters*, **2020**, 11, 1470-1475	4.3	5

19	Sulfonimide and Amide Derivatives as Novel PPAR Antagonists: Synthesis, Antiproliferative Activity, and Docking Studies. *ACS Medicinal Chemistry Letters*, **2020**, 11, 624-632	4.3	5
18	Synthesis of Naphthyl-, Quinolin- and Anthracenyl Analogues of Clofibric Acid as PPAR Agonists. *Chemical Biology and Drug Design*, **2016**, 87, 467-71	2.9	5
17	Synthesis and antiplatelet activity of gemfibrozil chiral analogues. *Bioorganic and Medicinal Chemistry Letters*, **2002**, 12, 817-21	2.9	4
16	Design, Synthesis and Biological Evaluation of Aromatase Inhibitors Based on Sulfonates and Sulfonamides of Resveratrol. *Pharmaceuticals*, **2021**, 14,	5.2	4
15	Development of a Rapid Mass Spectrometric Determination of AMP and Cyclic AMP for PDE3 Activity Study: Application and Computational Analysis for Evaluating the Effect of a Novel 2-oxo-1,2-dihydropyridine-3-carbonitrile Derivative as PDE-3 Inhibitor. *Molecules*, **2020**, 25,	4.8	3
14	Druggability profile of stilbene-derived PPAR agonists: determination of physicochemical properties and PAMPA study. *MedChemComm*, **2019**, 10, 1892-1899	5	3
13	Synthesis and Biological Evaluation of Gemfibrozil Chiral Analogues as Potential PPARα Agonists. *Letters in Drug Design and Discovery*, **2011**, 8, 154-158	0.8	3
12	A Review of Strategies for the Development of Alkyl Prolines in Drug Discovery. *Current Bioactive Compounds*, **2016**, 12, 146-160	0.9	3
11	HDAC Inhibitors for the Therapy of Triple Negative Breast Cancer. *Pharmaceuticals*, **2022**, 15, 667	5.2	3
10	Titanium-Promoted Acylation of Sulfonamides to N-Acylsulfonamide PPAR Antagonists. *Synthetic Communications*, **2015**, 45, 2546-2554	1.7	2
9	Selective Inhibition of Inducible Nitric Oxide Synthase by Derivatives of Acetamidine. *Medicinal Chemistry*, **2012**, 8, 991-995	1.8	2
8	PPAR Ligands Induce Antiviral Effects Targeting Perturbed Lipid Metabolism during SARS-CoV-2, HCV, and HCMV Infection.. *Biology*, **2022**, 11,	4.9	2
7	Development of CDK4/6 Inhibitors: A Five Years Update. *Molecules*, **2021**, 26,	4.8	2
6	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, 1632-1645	5.6	2
5	Synthesis, structure-activity relationships and molecular docking studies of phenyldiazenyl sulfonamides as aromatase inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 224, 113737	6.8	2
4	Time factor in antiretroviral adherence: analysis of adherence to single-tablet regimens versus multiple-tablet regimens over a 5-year period. *Drugs and Therapy Perspectives*, **2018**, 34, 263-268	1.5	1
3	Inhibitors of the Inducible Nitric Oxide Synthase as Antiglioma Agents. *Proceedings (mdpi)*, **2019**, 22, 52	0.3	1
2	Methods to Evaluate the Activity of Nitric Oxide Synthase. *Current Pharmaceutical Analysis*, **2017**, 13,	0.6	1

1	Geometric Isomerism of an Acetamidino Derivative Determined by NMR Investigations. *ChemistrySelect*, **2017**, 2, 9706-9710	1.8