Rosanna Filosa

List of Publications by Year
in descending order

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59 papers	1,725 citations	236925 25 h-index	302126 39 g-index
66 all docs	66 docs citations	66 times ranked	2441 citing authors

#	Article	IF	Citations
1	Targeting NF-Î²B signaling pathway in cancer by dietary polyphenols. Critical Reviews in Food Science and Nutrition, 2020, 60, 2790-2800.	10.3	84
2	Formulation and Characterization of Solid Lipid Nanoparticles Loading RF22-c, a Potent and Selective 5-LO Inhibitor, in a Monocrotaline-Induced Model of Pulmonary Hypertension. Frontiers in Pharmacology, 2020, 11, 83.	3.5	14
3	Dimethyl 2-(1-Methyl-3-oxo-1,3-dihydroisobenzofuran-1-yl)malonate. MolBank, 2020, 2020, M1124.	0.5	1
4	Anti-Inflammatory Drugs as Anticancer Agents. International Journal of Molecular Sciences, 2020, 21, 2605.	4.1	197
5	A Hydroquinone-Based Derivative Elicits Apoptosis and Autophagy via Activating a ROS-Dependent Unfolded Protein Response in Human Glioblastoma. International Journal of Molecular Sciences, 2019, 20, 3836.	4.1	9
6	Protective effect of piceatannol and bioactive stilbene derivatives against hypoxia-induced toxicity in H9c2 cardiomyocytes and structural elucidation as 5-LOX inhibitors. European Journal of Medicinal Chemistry, 2019, 180, 637-647.	5.5	27
7	Protective effects of raspberry on the oxidative damage in HepG2 cells through Keap1/Nrf2-dependent signaling pathway. Food and Chemical Toxicology, 2019, 133, 110781.	3.6	36
8	Molecular Docking of Isolated Alkaloids for Possible Î±-Glucosidase Inhibition. Biomolecules, 2019, 9, 544.	4.0	37
9	Synthetic Strategies and Cascade Reactions of 2â€Cyanobenzophenones for the Access to Diverse 3,3â€Disubstituted Isoindolinones and 3â€Arylâ€3â€Hydroxyisoindolinones. ChemistrySelect, 2019, 4, 4820-4826.	1.5	10
10	Targeting STATs in neuroinflammation: The road less traveled!. Pharmacological Research, 2019, 141, 73-84.	7.1	26
11	Phenolics from Castanea sativa leaves and their effects on UVB-induced damage. Natural Product Research, 2018, 32, 1170-1175.	1.8	15
12	Recent advances in the search for novel 5-lipoxygenase inhibitors for the treatment of asthma. European Journal of Medicinal Chemistry, 2018, 153, 65-72.	5.5	64
13	Organocatalytic asymmetric hydroxymethylation of isoindolinones with paraformaldehyde. Monatshefte FÃ¼r Chemie, 2018, 149, 723-727.	1.8	3
14	Structural insight into the optimization of ethyl 5-hydroxybenzo[g]indol-3-carboxylates and their bioisosteric analogues as 5-LO/m-PGES-1 dual inhibitors able to suppress inflammation. European Journal of Medicinal Chemistry, 2018, 155, 946-960.	5.5	18
15	New trends in anti-inflammatory drugs. European Journal of Medicinal Chemistry, 2018, 153, 1.	5.5	0
16	A systematic study on the use of different organocatalytic activation modes for asymmetric conjugated addition reactions of isoindolinones. Tetrahedron, 2017, 73, 819-828.	1.9	33
17	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2017, 127, 715-726.	5.5	25
18	Discovery of novel multi-target indole-based derivatives as potent and selective inhibitors of chikungunya virus replication. Bioorganic and Medicinal Chemistry, 2017, 25, 327-337.	3.0	34

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19	Binding of Harmine Derivatives to DNA: A Spectroscopic Investigation. Molecules, 2017, 22, 1831.	3.8	10
20	Circulating Regulatory T-Cells in Monoclonal Gammopathies of Uncertain Significance and Multiple Myeloma: In Search of a Role. Journal of Immunology Research, 2016, 2016, 1-7.	2.2	15
21	The 5-lipoxygenase inhibitor RF-22c potently suppresses leukotriene biosynthesis in cellulo and blocks bronchoconstriction and inflammation in vivo. Biochemical Pharmacology, 2016, 112, 60-71.	4.4	25
22	Optimization of hyaluronan-based eye drop formulations. Carbohydrate Polymers, 2016, 153, 275-283.	10.2	63
23	Synthesis and pharmacological evaluation of functionalized isoindolinones on GABA-activated chloride currents in rat cerebellum granule cells in culture. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5284-5289.	2.2	10
24	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. Pharmacological Research, 2016, 103, 114-122.	7.1	8
25	Exploring the role of chloro and methyl substitutions in 2-phenylthiomethyl-benzoindole derivatives for 5-LOX enzyme inhibition. European Journal of Medicinal Chemistry, 2016, 108, 466-475.	5.5	23
26	Bifunctional phase-transfer catalysis in the asymmetric synthesis of biologically active isoindolinones. Beilstein Journal of Organic Chemistry, 2015, 11, 2591-2599.	2.2	55
27	Novel series of benzoquinones with high potency against 5-lipoxygenase in human polymorphonuclear leukocytes. European Journal of Medicinal Chemistry, 2015, 94, 132-139.	5.5	36
28	3-Carboxylate-Substituted Isoindolinones in K2CO3-Catalyzed Michael Reactions. Synthetic Communications, 2015, 45, 1552-1558.	2.1	7
29	In vitro antiviral and immunomodulatory activity of arbidol and structurally related derivatives in herpes simplex virus type 1-infected human keratinocytes (HaCat). Journal of Medical Microbiology, 2014, 63, 1474-1483.	1.8	15
30	Elucidation of the molecular mechanism and the efficacy in vivo of a novel 1,4â€benzoquinone that inhibits 5â€lipoxygenase. British Journal of Pharmacology, 2014, 171, 2399-2412.	5.4	26
31	Cascade reactions of glycine Schiff bases and chiral phase transfer catalysts in the synthesis of Î±-amino acids 3-substituted phthalides or isoindolinones. RSC Advances, 2014, 4, 4239-4246.	3.6	32
32	Further studies on ethyl 5-hydroxy-indole-3-carboxylate scaffold: Design, synthesis and evaluation of 2-phenylthiomethyl-indole derivatives as efficient inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2014, 81, 492-498.	5.5	21
33	Structureâ€“activity relationship study of arbidol derivatives as inhibitors of chikungunya virus replication. Bioorganic and Medicinal Chemistry, 2014, 22, 6014-6025.	3.0	43
34	New chelating agents for Cu(II), Fe(III), Al(III), and Zn(II) based on Î²-diketonate-3-substituted phthalide (isobenzofuranone) and isoindolinone. Journal of Coordination Chemistry, 2014, 67, 2217-2228.	2.2	2
35	Cyclohexa-2,5-diene-1,4-dione-based antiproliferative agents: design, synthesis, and cytotoxic evaluation. Journal of Experimental and Clinical Cancer Research, 2013, 32, 24.	8.6	26
36	Discovery and biological evaluation of novel 1,4-benzoquinone and related resorcinol derivatives that inhibit 5-lipoxygenase. European Journal of Medicinal Chemistry, 2013, 67, 269-279.	5.5	37

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37	Potent inhibition of human 5-lipoxygenase and microsomal prostaglandin E2 synthase-1 by the anti-carcinogenic and anti-inflammatory agent embelin. Biochemical Pharmacology, 2013, 86, 476-486.	4.4	79
38	Design of inhibitors of influenza virus membrane fusion: Synthesis, structureâ€“activity relationship and in vitro antiviral activity of a novel indole series. Antiviral Research, 2013, 99, 125-135.	4.1	39
39	Active methylene compounds in a very effective approach to 3-substituted isobenzofuranones through tandem aldol/lactonization reactions. Tetrahedron, 2012, 68, 6146-6151.	1.9	12
40	Synthesis and Reactivity of the 3â€Substituted Isoindolinone Framework to Assemble Highly Functionalized Related Structures. European Journal of Organic Chemistry, 2012, 2012, 5357-5365.	2.4	41
41	1-Methoxy-Canthin-6-One and Related Î²-Carbolines: From Natural Compound to Synthesis and Biological Activities. Studies in Natural Products Chemistry, 2012, , 81-104.	1.8	3
42	Multi-component, regio-selective aldol addition of Î²-ketoesters to aldehydes: scope and applications. Organic and Biomolecular Chemistry, 2011, 9, 8483.	2.8	9
43	2,3â€Dihydroâ€1,2â€Diphenylâ€substituted 4Hâ€Pyridinone Derivatives as New Anti Flaviviridae Inhibitors. Chemical Biology and Drug Design, 2011, 77, 441-449.	3.2	9
44	Design, synthesis, biophysical and biological studies of trisubstituted naphthalimides as G-quadruplex ligands. Bioorganic and Medicinal Chemistry, 2011, 19, 6419-6429.	3.0	33
45	Structure-based design, synthesis and preliminary anti-inflammatory activity of bolinaquinone analogues. European Journal of Medicinal Chemistry, 2011, 46, 488-496.	5.5	32
46	The Aldol Addition of Readily Enolizable 1,3-Dicarbonyl Compounds to 2-Cyanobenzaldehyde in the Synthesis of Novel 3-Substituted Isoindolinones. Synthesis, 2011, 2011, 3027-3031.	2.3	6
47	N, Nâ€˜ (4,5-Dihydro-1H-imidazol-2-yl)3-aza-1, 10-decane-diamine and N, Nâ€™(4,5-dihydro-1H-imidazol-2-yl)3-aza-1, 10-dodecane-diamine antagonize cell proliferation as selective ligands towards topoisomerase II. Journal of Pharmacy and Pharmacology, 2010, 58, 1415-1420.	2.4	3
48	Trimethylchlorosilane and Silicon Tetrachloride in Two Novel Methodologies for the Efficient and Mild Aldol Addition of Î²â€Keto Esters and Malonates to Aldehydes. Advanced Synthesis and Catalysis, 2010, 352, 3348-3354.	4.3	27
49	A New Approach to Di- and Tetrasubstituted 2,3-Dihydropyridin-4(1H)-ones through Aza-Diels-Alder Reaction Promoted by Silicon Tetrachloride. Synthesis, 2009, 2009, 643-649.	2.3	10
50	Synthesis of Î²-hydroxymalonates: the direct aldol addition of malonates to aldehydes in the presence of SiCl4 and i-Pr2EtN. Tetrahedron Letters, 2009, 50, 7318-7321.	1.4	13
51	Design, synthesis and biological evaluation of novel bicyclo[1.1.1]pentane-based Ï‰-acidic amino acids as glutamate receptors ligands. Bioorganic and Medicinal Chemistry, 2009, 17, 242-250.	3.0	28
52	Molecular modelling studies, synthesis and biological activity of a series of novel bisnaphthalimides and their development as new DNA topoisomerase II inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 13-24.	3.0	111
53	Antioxidant Activity of Diphenylpropionamide Derivatives: Synthesis, Biological Evaluation and Computational Analysis. Molecules, 2008, 13, 749-761.	3.8	5
54	Synthesis, Physicochemical Properties and In Vitro Permeation Studies of New Ketorolac Ester Derivatives. Current Drug Delivery, 2007, 4, 205-210.	1.6	4

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55	Synthesis and antiproliferative properties of N3/8-disubstituted 3,8-diazabicyclo[3.2.1]octane analogues of 3,8-bis[2-(3,4,5-trimethoxyphenyl)pyridin-4-yl]methyl-piperazine. European Journal of Medicinal Chemistry, 2007, 42, 293-306.	5.5	30
56	Synthesis and biological evaluation of (2S)- and (2R)-2-(3â€²-phosphonobicyclo[1.1.1]pentyl)glycines as novel group III selective metabotropic glutamate receptor ligands. Bioorganic and Medicinal Chemistry, 2006, 14, 3811-3817.	3.0	29
57	Diastereoselectivity in the alkylation of 4-fluoroproline methyl esters. Tetrahedron Letters, 2006, 47, 8929-8932.	1.4	15
58	Evaluation of alternative strategies to optimize ketorolac transdermal delivery. AAPS PharmSciTech, 2006, 7, E61-E69.	3.3	76
59	Synthesis and Preliminary Biological Evaluation of 2â€²-Substituted 2-(3â€²-Carboxybicyclo[1.1.1]pentyl)glycine Derivatives as Groupâ€…I Selective Metabotropic Glutamate Receptor Ligands. ChemMedChem, 2006, 1, 358-365.	3.2	24