Valentina Onnis

List of Publications by Year
in descending order

112	2,826	182225	252626
papers	citations	30 h-index	46 g-index

123	123	123	4078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Enterovirus B: Selective Inhibition by Quinoxaline Derivatives and Bioinformatic RNA-Motif Identification as New Targets. Pharmaceuticals, 2022, 15, 181.	1.7	2
2	Design, synthesis and inÂvitro and inÂvivo biological evaluation of flurbiprofen amides as new fatty acid amide hydrolase/cyclooxygenase-2 dual inhibitory potential analgesic agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 940-953.	2.5	3
3	Cholinium-Based Ionic Liquids from Hydroxycinnamic Acids as New Promising Bioactive Agents: A Combined Experimental and Theoretical Investigation. ACS Sustainable Chemistry and Engineering, 2021, 9, 2975-2986.	3.2	17
4	Synthesis and evaluation of antioxidant and antiproliferative activity of 2-arylbenzimidazoles. Bioorganic Chemistry, 2020, 94, 103396.	2.0	28
5	Sulfonamide/sulfamate switch with a series of piperazinylureido derivatives: Synthesis, kinetic and in silico evaluation as carbonic anhydrase isoforms I, II, IV, and IX inhibitors. European Journal of Medicinal Chemistry, 2020, 186, 111896.	2.6	15
6	Ruthenium(II) Complexes of Isothiazole Ligands: Crystal Structure, HSA/DNA Interactions, Cytotoxic Activity and Molecular Docking Simulations. ChemistrySelect, 2020, 5, 11489-11502.	0.7	5
7	Carbonic Anhydrase Inhibitors Targeting Metabolism and Tumor Microenvironment. Metabolites, 2020, 10, 412.	1.3	116
8	Synthesis, characterization, HSA/DNA interactions and antitumor activity of new [Ru(Î·6-p-cymene)Cl2(L)] complexes. Journal of Inorganic Biochemistry, 2020, 213, 111256.	1.5	18
9	Synthesis and Biological Evaluation of 2-Substituted Benzyl-/Phenylethylamino-4-amino-5-aroylthiazoles as Apoptosis-Inducing Anticancer Agents. Molecules, 2020, 25, 2177.	1.7	6
10	The fatty acid amide hydrolase and cyclooxygenase-inhibitory properties of novel amide derivatives of carprofen. Bioorganic Chemistry, 2020, 101, 104034.	2.0	4
11	Appliance of the piperidinyl-hydrazidoureido linker to benzenesulfonamide compounds: Synthesis, in vitro and in silico evaluation of potent carbonic anhydrase II, IX and XII inhibitors. Bioorganic Chemistry, 2020, 98, 103728.	2.0	15
12	2-(Arylamino)-6-(trifluoromethyl)nicotinic Acid Derivatives: New HIV-1 RT Dual Inhibitors Active on Viral Replication. Molecules, 2020, 25, 1338.	1.7	11
13	Exploring the fatty acid amide hydrolase and cyclooxygenase inhibitory properties of novel amide derivatives of ibuprofen. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 815-823.	2.5	9
14	In-Vitro Evaluation of Antioxidant, Antiproliferative and Photo-Protective Activities of Benzimidazolehydrazone Derivatives. Pharmaceuticals, 2020, 13, 68.	1.7	12
15	Synthesis and inÂvitro evaluation of piperazinyl-ureido sulfamates as steroid sulfatase inhibitors. European Journal of Medicinal Chemistry, 2019, 182, 111614.	2.6	11
16	Structure-activity relationship with pyrazoline-based aromatic sulfamates as carbonic anhydrase isoforms I, II, IX and XII inhibitors: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2019, 182, 111638.	2.6	24
17	Benzylamides and piperazinoarylamides of ibuprofen as fatty acid amide hydrolase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 562-576.	2.5	6
18	Targeting prokineticin system counteracts hypersensitivity, neuroinflammation, and tissue damage in a mouse model of bortezomib-induced peripheral neuropathy. Journal of Neuroinflammation, 2019, 16, 89.	3.1	32

#	Article	IF	Citations
19	Indole derivatives as multifunctional drugs: Synthesis and evaluation of antioxidant, photoprotective and antiproliferative activity of indole hydrazones. Bioorganic Chemistry, 2019, 85, 568-576.	2.0	83
20	Synthesis and biological evaluation of novel pyrazoline-based aromatic sulfamates with potent carbonic anhydrase isoforms II, IV and IX inhibitory efficacy. Bioorganic Chemistry, 2018, 77, 633-639.	2.0	25
21	Discovery of thiazolin-4-one-based aromatic sulfamates as a new class of carbonic anhydrase isoforms I, II, IV, and IX inhibitors. Bioorganic Chemistry, 2018, 77, 293-299.	2.0	27
22	Benzofuran hydrazones as potential scaffold in the development of multifunctional drugs: Synthesis and evaluation of antioxidant, photoprotective and antiproliferative activity. European Journal of Medicinal Chemistry, 2018, 156, 118-125.	2.6	40
23	3,4-Dihydroquinazoline derivatives inhibit the activities of cholinesterase enzymes. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1179-1185.	1.0	16
24	Haloacetophenones as newly potent nematicides against Meloidogyne incognita. Industrial Crops and Products, 2017, 110, 94-102.	2.5	11
25	Novel propanamides as fatty acid amide hydrolase inhibitors. European Journal of Medicinal Chemistry, 2017, 136, 523-542.	2.6	10
26	Antagonism of EG-VEGF Receptors as Targeted Therapy for Choriocarcinoma Progression In Vitro and In Vivo. Clinical Cancer Research, 2017, 23, 7130-7140.	3.2	31
27	Design, synthesis and antiviral evaluation of novel heteroarylcarbothioamide derivatives as dual inhibitors of HIV-1 reverse transcriptase-associated RNase H and RDDP functions. Pathogens and Disease, 2017, 75, .	0.8	31
28	Design, Synthesis and Evaluation of Antiproliferative Activity of New Benzimidazolehydrazones. Molecules, 2016, 21, 579.	1.7	32
29	Effect of the T-type channel blocker KYS-05090S in mouse models of acute and neuropathic pain. Pflugers Archiv European Journal of Physiology, 2016, 468, 193-199.	1.3	23
30	Potent Nematicidal Activity of Maleimide Derivatives on Meloidogyne incognita. Journal of Agricultural and Food Chemistry, 2016, 64, 4876-4881.	2.4	36
31	Nematicidal activity of acetophenones and chalcones against Meloidogyne incognita and structureâ€“activity considerations. Pest Management Science, 2016, 72, 125-130.	1.7	42
32	Antagonism of the Prokineticin System Prevents and Reverses Allodynia and Inflammation in a Mouse Model of Diabetes. PLoS ONE, 2016, 11, e0146259.	1.1	27
33	Design, synthesis, and anti-HIV-1 activity of 1-substituted 3-(3,5-dimethylbenzyl)triazine derivatives. Antiviral Chemistry and Chemotherapy, 2015, 24, 62-71.	0.3	10
34	PPARÎ³ controls pregnancy outcome through activation of EG-VEGF: new insights into the mechanism of placental development. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E357-E369.	1.8	23
35	TRPV1 modulators: Synthesis and inÂvitro evaluation of 1-heteroaryl piperidinecarboxamide and piperazinylurea derivatives. European Journal of Medicinal Chemistry, 2015, 100, 129-138.	2.6	0
36	Synthesis and carbonic anhydrase I, II, IX and XII inhibitory activity of sulfamates incorporating piperazinyl-ureido moieties. Bioorganic and Medicinal Chemistry, 2015, 23, 5619-5625.	1.4	15

#	Article	IF	Citations
37	Synthesis of sulfonamides incorporating piperazinyl-ureido moieties and their carbonic anhydrase I, II, IX and XII inhibitory activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3850-3853.	1.0	25
38	In Vitro Nematicidal Activity of Aryl Hydrazones and Comparative GC-MS Metabolomics Analysis. Journal of Agricultural and Food Chemistry, 2015, 63, 9970-9976.	2.4	18
39	Inhibitory effect of positively charged triazine antagonists of prokineticin receptors on the transient receptor vanilloid type-1 (TRPV1) channel. Pharmacological Research, 2015, 99, 362-369.	3.1	6
40	Critical role for prokineticin 2 in CNS autoimmunity. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e95.	3.1	29
41	Characterisation of (R)-2-(2-Fluorobiphenyl-4-yl)-N-(3-Methylpyridin-2-yl)Propanamide as a Dual Fatty Acid Amide Hydrolase: Cyclooxygenase Inhibitor. PLoS ONE, 2015, 10, e0139212.	1.1	11
42	Interaction of the N-(3-Methylpyridin-2-yl)amide Derivatives of Flurbiprofen and Ibuprofen with FAAH: Enantiomeric Selectivity and Binding Mode. PLoS ONE, 2015, 10, e0142711.	1.1	12
43	A new convenient synthetic method and preliminary pharmacological characterization of triazinediones as prokineticin receptor antagonists. European Journal of Medicinal Chemistry, 2014, 81, 334-340.	2.6	25
44	Interaction and reactivity of synthetic aminoisoflavones with metal-free and metal-associated amyloid-Î². Chemical Science, 2014, 5, 4851-4862.	3.7	50
45	An important role for prokineticin 2 in autoimmune CNS demyelination. Journal of Neuroimmunology, 2014, 275, 131.	1.1	0
46	Synthesis and carbonic anhydrase I, II, IX and XII inhibition studies of 4-N,N-disubstituted sulfanilamides incorporating 4,4,4-trifluoro-3-oxo-but-1-enyl, phenacylthiourea and imidazol-2(3H)-one/thione moieties. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1776-1779.	1.0	24
47	Synthesis and biological evaluation of novel acylhydrazone derivatives as potential antitumor agents. Bioorganic and Medicinal Chemistry, 2013, 21, 6592-6599.	1.4	42
48	Inhibitory properties of ibuprofen and its amide analogues towards the hydrolysis and cyclooxygenation of the endocannabinoid anandamide. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 172-182.	2.5	30
49	Inhibition of fatty acid amide hydrolase and cyclooxygenase by the N-(3-methylpyridin-2-yl)amide derivatives of flurbiprofen and naproxen. European Journal of Pharmacology, 2013, 720, 383-390.	1.7	30
50	Flavones and structurally related 4-chromenones inhibit carbonic anhydrases by a different mechanism of action compared to coumarins. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3063-3066.	1.0	25
51	Novel 2-amino-isoflavones exhibit aryl hydrocarbon receptor agonist or antagonist activity in a species/cell-specific context. Toxicology, 2012, 297, 26-33.	2.0	12
52	Prokineticin Receptor 1 Antagonist PC-10 as a Biomarker for Imaging Inflammatory Pain. Journal of Nuclear Medicine, 2011, 52, 600-607.	2.8	6
53	Synthesis and in vitro antitumor activity of new 4,5-dihydropyrazole derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 6238-6248.	1.4	69
54	Synthesis and Evaluation of Paracetamol Esters As Novel Fatty Acid Amide Hydrolase Inhibitors. Journal of Medicinal Chemistry, 2010, 53, 2286-2298.	2.9	24

#	Article	IF	Citations
55	Synthesis and evaluation of anticancer activity of 2-arylamino-6-trifluoromethyl-3-(hydrazonocarbonyl)pyridines. Bioorganic and Medicinal Chemistry, 2009, 17, 6158-6165.	1.4	75
56	The case for the development of novel analgesic agents targeting both fatty acid amide hydrolase and either cyclooxygenase or TRPV1. British Journal of Pharmacology, 2009, 156, 412-419.	2.7	61
57	2-Acylhydrazino-5-arylpyrrole derivatives: Synthesis and antifungal activity evaluation. European Journal of Medicinal Chemistry, 2009, 44, 1288-1295.	2.6	31
58	A novel inhibitor of fatty acid amide hydrolase, the enzyme responsible for the hydrolysis of the endocannabinoid anandamide. FASEB Journal, 2009, 23, 756.15.	0.2	0
59	Synthesis and evaluation of antitumoral activity of ester and amide derivatives of 2-arylamino-6-trifluoromethyl-3-pyridinecarboxylic acids. Bioorganic and Medicinal Chemistry, 2008, 16, 2367-2378.	1.4	23
60	Design, synthesis, and in vitro antitumor activity of new 1,4-diarylimidazole-2-ones and their 2-thione analogues. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 989-993.	1.0	134
61	Synthesis and in vitro antitumoral activity of new 3,5-dicyanopyridine derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 1859-1867.	1.4	40
62	Further studies on the effect of lysine at the C-terminus of the Dmt-Tic opioid pharmacophore. Bioorganic and Medicinal Chemistry, 2007, 15, 3143-3151.	1.4	7
63	Inhibition of fatty acid amide hydrolase, a key endocannabinoid metabolizing enzyme, by analogues of ibuprofen and indomethacin. European Journal of Pharmacology, 2007, 565, 26-36.	1.7	61
64	Synthesis, characterisation and insulin-mimetic activity of oxovanadium(IV) complexes with amidrazone derivatives. Journal of Inorganic Biochemistry, 2007, 101, 19-29.	1.5	37
65	Effect of Lysine at C-Terminus of the Dmt-Tic Opioid Pharmacophore. Journal of Medicinal Chemistry, 2006, 49, 5610-5617.	2.9	25
66	Synthesis and in vitro antitumoral activity of new hydrazinopyrimidine-5-carbonitrile derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 366-372.	1.4	114
67	Amidrazones as Precursors of Biologically Active Compounds - Synthesis of Diaminopyrazoles for Evaluation of Anticancer Activity. Archiv Der Pharmazie, 2006, 339, 7-13.	2.1	11
68	Synthesis and antiproliferative activity of 2,6-Dibenzylamino-3,5-dicyanopyridines on human cancer cell lines. European Journal of Medicinal Chemistry, 2005, 40, 1365-1372.	2.6	80
69	Synthesis of New N-(2-(Trifluoromethyl)pyridin-4-yl)anthranilic Acid Derivatives and Their Evaluation as Anticancer Agents.. ChemInform, 2005, 36, no.	0.1	0
70	In vitro antimycobacterial activity of newly synthesised S-alkylisothiosemicarbazone derivatives and synergistic interactions in combination with rifamycins against Mycobacterium avium. International Journal of Antimicrobial Agents, 2005, 26, 28-32.	1.1	29
71	New Potential Anticancer Agents Based on the Anthranilic Acid Scaffold. Synthesis and Evaluation of Biological Activity. Journal of Medicinal Chemistry, 2005, 48, 8245-8252.	2.9	48
72	Synthesis and Structural Studies of 3-Acylamino-4-amino-2,3-dihydro-2-iminothiazole-5-carboxylates and 4-Acylhydrazino-2-aminothiazole-5-carboxylates.. ChemInform, 2004, 35, no.	0.1	0

#	Article	IF	Citations
73	Synthesis of new 2-arylamino-6-trifluoromethylpyridine-3-carboxylic acid derivatives and investigation of their analgesic activity. Bioorganic and Medicinal Chemistry, 2004, 12, 4169-4177.	1.4	26
74	Synthesis of new N-(2-(trifluoromethyl)pyridin-4-yl)anthranilic acid derivatives and their evaluation as anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5787-5791.	1.0	22
75	Synthesis and Structural Studies of 3-Acylamino-4-amino-2,3-dihydro-2-iminothiazole-5-carboxylates and 4-Acylhydrazino-2-aminothiazole-5-carboxylates. Heterocycles, 2004, 63, 259.	0.4	5
76	New Bis(pyridyl)methane Derivatives from 4-Hydroxy-2-pyridones: Synthesis and Antitumoral Activity.. ChemInform, 2003, 34, no.	0.1	1
77	New bis(pyridyl)methane derivatives from 4-hydroxy-2-pyridones: synthesis and antitumoral activity. European Journal of Medicinal Chemistry, 2003, 38, 37-47.	2.6	51
78	Synthesis of ibuprofen heterocyclic amides and investigation of their analgesic and toxicological properties. European Journal of Medicinal Chemistry, 2003, 38, 513-518.	2.6	66
79	Synthesis and in vitro antitumoral activity of new N-phenyl-3-pyrrolecarbothioamides. Bioorganic and Medicinal Chemistry, 2003, 11, 495-503.	1.4	34
80	Activity of a new class of isonicotinoylhydrazones used alone and in combination with isoniazid, rifampicin, ethambutol, para-aminosalicylic acid and clofazimine against Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2002, 49, 275-282.	1.3	63
81	Synthesis and antimycobacterial activity of new S-alkylisothiosemicarbazone derivatives. Bioorganic and Medicinal Chemistry, 2002, 10, 501-506.	1.4	47
82	Synthesis and Azannulation of Pyridinylaminohexadienones.. Chemical and Pharmaceutical Bulletin, 2001, 49, 703-706.	0.6	5
83	Crystal and molecular structure of acetamidrazone derivatives. Journal of Chemical Crystallography, 2001, 31, 149-154.	0.5	11
84	Title is missing!. Transition Metal Chemistry, 2001, 26, 24-27.	0.7	1
85	Synthesis and antitumor evaluation of 6-thioxo-, 6-oxo- and 2,4-dioxopyrimidine derivatives. Il Farmaco, 2001, 56, 741-748.	0.9	36
86	Transformation of 6-methylthiopyrimidines. Preparation of new pyrimidine derivatives and fused azolopyrimidines. Journal of Heterocyclic Chemistry, 2000, 37, 707-710.	1.4	12
87	Synthesis and antitumour activity of 4-hydroxy-2-pyridone derivatives. European Journal of Medicinal Chemistry, 2000, 35, 545-552.	2.6	83
88	Annulation of functionalized hexadienones as an efficient regioselective approach to	0.7	15
89	Synthesis and antimycobacterial activity of some isonicotinoylhydrazones. European Journal of Medicinal Chemistry, 1999, 34, 1071-1076.	2.6	55
90	Palladium(II) and platinum(II),(IV) complexes of 2-aminopyrimidine derivatives. Transition Metal Chemistry, 1999, 24, 370-372.	0.7	21

#	Article	IF	Citations
91	A facile synthesis of 3,5â€diaminopyrazoleâ€4â€carbothioamides and 3,5â€diaminopyrazoleâ€4â€carboxylates. Journal of Heterocyclic Chemistry, 1999, 36, 1183-1188.	1.4	7
92	Palladium(II) and platinum(II), (IV) complexes of acetamidrazones. Polyhedron, 1998, 17, 2065-2072.	1.0	11
93	Facile Synthesis of 2,2-Dimethylchromans by Mo(CO)6 Catalyzed Reaction of Aryl Prenyl Ethers. Synthesis, 1998, 1998, 256-258.	1.2	18
94	Mo(CO)6 Catalyzed One-Pot Conversion of Allyl Aryl Ethers to Dihydrobenzofurans. Synthesis, 1997, 1997, 41-43.	1.2	14
95	Reaction ofN1-acylacetamidrazones with trifluoroacetylvinyl ethers. Synthesis of new 4-trifluoromethyl- and 6-trifluoromethylpyridines. Journal of Heterocyclic Chemistry, 1997, 34, 1283-1290.	1.4	6
96	Synthesis of new fluorinated 1,5â€benzoxazepine derivatives. Journal of Heterocyclic Chemistry, 1997, 34, 1347-1350.	1.4	12
97	New trifluoromethylated pyridines from functionalized N¹â€acylacetamidrazones. Journal of Heterocyclic Chemistry, 1996, 33, 1771-1773.	1.4	11
98	Heterocyclization of propenethioamides: A direct synthesis of 1,4â€thiazepine ring systems. Journal of Heterocyclic Chemistry, 1995, 32, 463-466.	1.4	16
99	Synthesis of triflouromethylated pyridinecarbonitriles. Journal of Heterocyclic Chemistry, 1995, 32, 543-545.	1.4	21
100	Propenethioamides in the synthesis of heterocyclic systems. Synthesis of pyrrole and 1,4-thiazepine derivatives. Journal of Heterocyclic Chemistry, 1995, 32, 1679-1682.	1.4	13
101	Reactivity of N1-Acylacetamidrazones towards Diethyl Acetylenedicarboxylate: Cyclization to Ethyl Pyrroleacetates and 1-Acylaminopyridones. Heterocycles, 1995, 41, 1479.	0.4	6
102	Reaction of enaminonitriles with isocyanates. Synthesis of new 2â€oxoâ€and 6â€oxopyrimidines. Journal of Heterocyclic Chemistry, 1994, 31, 329-334.	1.4	6
103	Synthesis of 2Hâ€pyrazolo[3,4â€b]pyridinâ€3â€oles via cyclization of pyrazolacrylonitriles. Journal of Heterocyclic Chemistry, 1994, 31, 925-928.	1.4	8
104	Convenient synthesis of 4â€aminoâ€7â€(dialkylamino)pyrido[2,3â€d]pyrimidines from polysubstituted pyridines. Journal of Heterocyclic Chemistry, 1993, 30, 253-256.	1.4	12
105	An Improved Procedure for the Preparation of Substituted Thiazoles. Synthesis, 1993, 1993, 199-201.	1.2	14
106	Simple Synthesis of Polyfunctional Nitropyridines. Heterocycles, 1993, 36, 2829.	0.4	6
107	Synthesis of Some New 2(1H)-Pyridones from 3-Amino-3-(dialkylamino)propenenitriles. Synthesis, 1992, 1992, 371-373.	1.2	6
108	Novel reaction of carbon suboxide. Synthesis of 6â€aminoâ€4â€hydroxyâ€2(1H)â€pyridone derivatives. Journal of Heterocyclic Chemistry, 1992, 29, 237-239.	1.4	5

#	Article	IF	Citations
109	1,2,4-Triazolo[4,3-c]pyrimidines from 4-acylhydrazinopyrimidines. Journal of Heterocyclic Chemistry, 1992, 29, 1341-1347.	1.4	8
110	New synthesis of 2(1H)-pyridone derivatives. Journal of Heterocyclic Chemistry, 1992, 29, 1631-1634.	1.4	7
111	Heterocyclization of Acetamidrazones.I.Synthesis of 1,2,4-triazolo[4,3-a]pyridinesviaring closure of 6-(2-acylhydrazino)pyridine intermediates. Journal of Heterocyclic Chemistry, 1991, 28, 797-800.	1.4	14
112	Synthesis of 2-Amino-5-pyrimidinecarbonitrile Derivatives. Synthesis, 1991, 1991, 529-530.	1.2	21