

# Valeria Pittala

## List of Publications by Citations

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129  
papers

2,516  
citations

28  
h-index

41  
g-index

140  
ext. papers

3,077  
ext. citations

5.2  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
129	Potent and selective Aurora inhibitors identified by the expansion of a novel scaffold for protein kinase inhibition. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 3080-4	8.3	137
128	Curcumin, the golden spice in treating cardiovascular diseases. <i>Biotechnology Advances</i> , <b>2020</b> , 38, 107343	7.8	118
127	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 358-370	17.8	71
126	Synthesis of new arylpiperazinylalkylthiobenzimidazole, benzothiazole, or benzoxazole derivatives as potent and selective 5-HT1A serotonin receptor ligands. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4529-38	8.3	71
125	Mild Friedel-Crafts Reactions inside a Hexameric Resorcinarene Capsule: C-Cl Bond Activation through Hydrogen Bonding to Bridging Water Molecules. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5423-5428	16.4	60
124	Evaluation of novel aryloxyalkyl derivatives of imidazole and 1,2,4-triazole as heme oxygenase-1 (HO-1) inhibitors and their antitumor properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 5145-53	3.4	57
123	A focus on heme oxygenase-1 (HO-1) inhibitors. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 3711-32	4.3	55
122	3-Amino-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazoles: a new class of CDK2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 1084-90	2.9	52
121	Recent advances in drug discovery of phototherapeutic non-porphyrinic anticancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 142, 459-485	6.8	50
120	Adipocyte fatty acid binding protein 4 (FABP4) inhibitors. A comprehensive systematic review. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 854-873	6.8	49
119	Role of the Nrf2/HO-1 axis in bronchopulmonary dysplasia and hyperoxic lung injuries. <i>Clinical Science</i> , <b>2017</b> , 131, 1701-1712	6.5	49
118	Novel imidazole derivatives as heme oxygenase-1 (HO-1) and heme oxygenase-2 (HO-2) inhibitors and their cytotoxic activity in human-derived cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 96, 162-72	6.8	46
117	Development of a Sigma-2 Receptor affinity filter through a Monte Carlo based QSAR analysis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 94-101	5.1	44
116	Heme oxygenase-1: A new druggable target in the management of chronic and acute myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 142, 163-178	6.8	44
115	The hexameric resorcinarene capsule as an artificial enzyme: ruling the regio and stereochemistry of a 1,3-dipolar cycloaddition between nitrones and unsaturated aldehydes. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 827-837	5.2	43
114	5-HT7 receptor ligands: recent developments and potential therapeutic applications. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2007</b> , 7, 945-60	3.2	39
113	Effects of Polyphenolic Derivatives on Heme Oxygenase-System in Metabolic Dysfunctions. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 1577-1595	4.3	38

112	Novel Structural Insight into Inhibitors of Heme Oxygenase-1 (HO-1) by New Imidazole-Based Compounds: Biochemical and In Vitro Anticancer Activity Evaluation. <i>Molecules</i> , <b>2018</b> , 23,	4.8	35
111	Progress in the development of selective heme oxygenase-1 inhibitors and their potential therapeutic application. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 439-453	6.8	35
110	Potholing of the hydrophobic heme oxygenase-1 western region for the search of potent and selective imidazole-based inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 148, 54-62	6.8	34
109	Sigma-2 receptor ligands QSAR model dataset. <i>Data in Brief</i> , <b>2017</b> , 13, 514-535	1.2	34
108	Novel Caffeic Acid Phenethyl Ester (Cape) Analogues as Inducers of Heme Oxygenase-1. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 2657-2664	3.3	33
107	Comprehensive data on a 2D-QSAR model for Heme Oxygenase isoform 1 inhibitors. <i>Data in Brief</i> , <b>2017</b> , 15, 281-299	1.2	31
106	Effects of Novel Nitric Oxide-Releasing Molecules against Oxidative Stress on Retinal Pigmented Epithelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 1420892	6.7	31
105	Structure-activity relationships and molecular modeling studies of novel arylpiperazinylalkyl 2-benzoxazolones and 2-benzothiazolones as 5-HT(7) and 5-HT(1A) receptor ligands. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 716-26	6.8	30
104	Targeting heme Oxygenase-1 with hybrid compounds to overcome Imatinib resistance in chronic myeloid leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 937-950	6.8	30
103	Evaluation of imidazole-based compounds as heme oxygenase-1 inhibitors. <i>Chemical Biology and Drug Design</i> , <b>2012</b> , 80, 876-86	2.9	29
102	Synthetic cannabinoids nano-micelles for the management of triple negative breast cancer. <i>Journal of Controlled Release</i> , <b>2018</b> , 291, 184-195	11.7	29
101	Heme Oxygenase-2 (HO-2) as a therapeutic target: Activators and inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111703	6.8	28
100	Hyphenated 3D-QSAR statistical model-scaffold hopping analysis for the identification of potentially potent and selective sigma-2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 139, 884-891	6.8	28
99	Heme Oxygenase Database (HemeOxDB) and QSAR Analysis of Isoform 1 Inhibitors. <i>ChemMedChem</i> , <b>2017</b> , 12, 1873-1881	3.7	27
98	Structure-Activity Relationships and Therapeutic Potentials of 5-HT Receptor Ligands: An Update. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 8475-8503	8.3	27
97	Protective Effects of Caffeic Acid Phenethyl Ester (CAPE) and Novel Cape Analogue as Inducers of Heme Oxygenase-1 in Streptozotocin-Induced Type 1 Diabetic Rats. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	26
96	Identification of Potentially Potent Heme Oxygenase 1 Inhibitors through 3D-QSAR Coupled to Scaffold-Hopping Analysis. <i>ChemMedChem</i> , <b>2018</b> , 13, 1336-1342	3.7	26
95	S2RSLDB: a comprehensive manually curated, internet-accessible database of the sigma-2 receptor selective ligands. <i>Journal of Cheminformatics</i> , <b>2017</b> , 9, 3	8.6	25

94	The Effect of Silver Nanoparticles on Learning, Memory and Social Interaction in BALB/C Mice. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	25
93	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. <i>Cancer Letters</i> , <b>2018</b> , 434, 101-113	9.9	25
92	Novel inhibitors of nitric oxide synthase with antioxidant properties. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 49, 118-26	6.8	25
91	Synthesis of 3-arylpiperazinylalkylpyrrolo[3,2-d]pyrimidine-2,4-dione derivatives as novel, potent, and selective alpha1-adrenoceptor ligands. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 2420-31	8.3	25
90	Therapeutic Potential of Caffeic Acid Phenethyl Ester (CAPE) in Diabetes. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 4827-4836	4.3	25
89	3D-QSAR assisted identification of FABP4 inhibitors: An effective scaffold hopping analysis/QSAR evaluation. <i>Bioorganic Chemistry</i> , <b>2019</b> , 84, 276-284	5.1	25
88	Serotonin 5-HT3 and 5-HT4 ligands: an update of medicinal chemistry research in the last few years. <i>Current Medicinal Chemistry</i> , <b>2010</b> , 17, 334-62	4.3	24
87	Thieno[3,2-c]pyrazoles: a novel class of Aurora inhibitors with favorable antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 7113-20	3.4	24
86	Antioxidant activity and phenolic content of microwave-assisted Solanum melongena extracts. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 719486	2.2	23
85	Development of new HO-1 inhibitors by a thorough scaffold-hopping analysis. <i>Bioorganic Chemistry</i> , <b>2018</b> , 81, 334-339	5.1	22
84	New 1,2,3,9-tetrahydro-4H-carbazol-4-one derivatives: analogues of HEAT as ligands for the alpha1-adrenergic receptor subtypes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 5211-9	3.4	21
83	Discovery of High-Affinity Cannabinoid Receptors Ligands through a 3D-QSAR Ushered by Scaffold-Hopping Analysis. <i>Molecules</i> , <b>2018</b> , 23,	4.8	21
82	Progress in the development of more effective and safer analgesics for pain management. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111701	6.8	20
81	Heme Oxygenase Inhibition Sensitizes Neuroblastoma Cells to Carfilzomib. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1451-1460	6.2	20
80	Synthesis and molecular modeling of 1H-pyrrolopyrimidine-2,4-dione derivatives as ligands for the $\alpha$ -adrenoceptors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 5260-76	3.4	20
79	New pyrimido[5,4-b]indoles and [1]benzothieno[3,2-d]pyrimidines: high affinity ligands for the alpha(1)-adrenoceptor subtypes. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 6200-3	2.9	20
78	Latest advances towards the discovery of 5-HT(7) receptor ligands. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2011</b> , 11, 1108-21	3.2	19
77	A Structure- and Ligand-Based Virtual Screening of a Database of "Small" Marine Natural Products for the Identification of "Blue" Sigma-2 Receptor Ligands. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	19

76	Heme Oxygenase-1 Inhibition Sensitizes Human Prostate Cancer Cells towards Glucose Deprivation and Metformin-Mediated Cell Death. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
75	Synthesis and binding properties of new long-chain 4-substituted piperazine derivatives as 5-HT <sub>1A</sub> and 5-HT <sub>2C</sub> receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 1427-30	2.9	18
74	Curcumin-Copper Complex Nanoparticles for the Management of Triple-Negative Breast Cancer. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	18
73	New N- and O-arylpiperazinylalkyl pyrimidines and 2-methylquinazolines derivatives as 5-HT and 5-HT receptor ligands: Synthesis, structure-activity relationships, and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 1250-1259	3.4	17
72	Effects of novel hybrids of caffeic acid phenethyl ester and NSAIDs on experimental ocular inflammation. <i>European Journal of Pharmacology</i> , <b>2015</b> , 752, 78-83	5.3	17
71	Could 2,6-bis((E)-2-(furan-2-yl)vinyl)-1-methylpyridinium iodide and analog compounds intercalate DNA? A first principle prediction based on structural and electronic properties. <i>Computational and Theoretical Chemistry</i> , <b>2012</b> , 985, 8-13	2	17
70	Synthesis, in vitro and in vivo characterization of new benzoxazole and benzothiazole-based sigma receptor ligands. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 174, 226-235	6.8	16
69	Synthesis of Rosmarinic Acid Amides as Antioxidative and Hypoglycemic Agents. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 573-582	4.9	16
68	New Arylethanolidazole Derivatives as HO-1 Inhibitors with Cytotoxicity against MCF-7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	14
67	Heme Oxygenase-1 and Carbon Monoxide Regulate Growth and Progression in Glioblastoma Cells. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2436-2446	6.2	14
66	Novel 4-phenylpiperidine-2,6-dione derivatives. Ligands for $\beta$ -adrenoceptor subtypes. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 2676-90	6.8	14
65	3-Arylpiperazinylethyl-1H-pyrrolo[2,3-d]pyrimidine-2,4(3H,7H)-dione derivatives as novel, high-affinity and selective alpha(1)-adrenoceptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 150-3	2.9	14
64	Novel Sigma-1 receptor antagonists: from opioids to small molecules: what is new?. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 231-256	4.1	14
63	Functionalization of Single and Multi-Walled Carbon Nanotubes with Polypropylene Glycol Decorated Pyrrole for the Development of Doxorubicin Nano-Conveyors for Cancer Drug Delivery. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	13
62	Synthesis of new 5-phenyl[1,2,4]triazole derivatives as ligands for the 5-HT <sub>1A</sub> serotonin receptor. <i>Arkivoc</i> , <b>2004</b> , 2004, 312-324	0.9	13
61	Design and synthesis of new homo and hetero bis-piperazinyl-1-propanone derivatives as 5-HT <sub>7R</sub> selective ligands over 5-HT <sub>1A</sub> R. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 4052-6	2.9	13
60	Ginseng and heme oxygenase-1: The link between an old herb and a new protective system. <i>Fitoterapia</i> <b>2019</b> , 139, 104370	3.2	12
59	(+)-cis-N-ethyleneamino-N-normetazocine derivatives. Novel and selective sigma ligands with antagonist properties. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 1574-80	8.3	12

58	Nitric oxide-releasing nanoparticles improve doxorubicin anticancer activity. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 7771-7787	7.3	12
57	Fourfold Filtered Statistical/Computational Approach for the Identification of Imidazole Compounds as HO-1 Inhibitors from Natural Products. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	11
56	Novel indole derivatives targeting HuR-mRNA complex to counteract high glucose damage in retinal endothelial cells. <i>Biochemical Pharmacology</i> , <b>2020</b> , 175, 113908	6	11
55	Metyrapone- $\beta$ -cyclodextrin supramolecular interactions inferred by complementary spectroscopic/spectrometric and computational studies. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1176, 815-824	3.4	11
54	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , <b>2019</b> , 141, 73-84	10.2	11
53	DNA intercalators based on (1,10-phenanthrolin-2-yl)isoxazolidin-5-yl core with better growth inhibition and selectivity than cisplatin upon head and neck squamous cells carcinoma. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 143, 583-590	6.8	11
52	Structure-Based Approach for the Prediction of Mu-opioid Binding Affinity of Unclassified Designer Fentanyl-Like Molecules. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	10
51	Molecular modeling studies of pseudouridine isoxazolidinyl nucleoside analogues as potential inhibitors of the pseudouridine 5Qmonophosphate glycosidase. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 91, 519-525	2.9	10
50	FABP4 inhibitors 3D-QSAR model and isosteric replacement of BMS309403 datasets. <i>Data in Brief</i> , <b>2019</b> , 22, 471-483	1.2	10
49	Repurposing of FDA-Approved Drugs for Treating Iatrogenic Botulism: A Paired 3D-QSAR/Docking Approach. <i>ChemMedChem</i> , <b>2020</b> , 15, 256-262	3.7	9
48	An Integrated Pharmacophore/Docking/3D-QSAR Approach to Screening a Large Library of Products in Search of Future Botulinum Neurotoxin A Inhibitors. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
47	Synthesis, and studies of HO-1 inducers and lung antifibrotic agents. <i>Future Medicinal Chemistry</i> , <b>2019</b> , 11, 1523-1536	4.1	9
46	(+)-Methyl (1R,2S)-2-[[4-(4-Chlorophenyl)-4-hydroxypiperidin-1-yl]methyl]-1-phenylcyclopropanecarboxylate [(+)-MR200] Derivatives as Potent and Selective Sigma Receptor Ligands: Stereochemistry and Pharmacological Properties. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 372-384	8.3	9
45	Chromatographic resolution of phenylethanolic-azole racemic compounds highlighted stereoselective inhibition of heme oxygenase-1 by (R)-enantiomers. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103777	5.1	8
44	High affinity ligands and potent antagonists for the $\beta$ D-adrenergic receptor. Novel 3,8-disubstituted [1]benzothieno[3,2-d]pyrimidine derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 83, 419-32	6.8	8
43	Recent Advances in the Development of Sigma Receptor Ligands as Cytotoxic Agents: A Medicinal Chemistry Perspective. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 7926-7962	8.3	8
42	Computational Tools in the Discovery of FABP4 Ligands: A Statistical and Molecular Modeling Approach. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	8
41	The analgesic potential of glycosides derived from medicinal plants. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 28, 387-401	3.9	7

40	Antitumor properties of substituted (E)-[1H-indol-3-ylmethylene]benzeneacetic acids or amides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 5233-45	3.4	7
39	Novel Sigma Receptor Ligand-Nitric Oxide Photodonors: Molecular Hybrids for Double-Targeted Antiproliferative Effect. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 9531-9544	8.3	7
38	Morphing of Ibogaine: A Successful Attempt into the Search for Sigma-2 Receptor Ligands. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
37	New bifunctional antioxidant/ $\mu$ agonist ligands: Preliminary chemico-physical and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 3149-56	3.4	6
36	Analysis of mechanisms for memory enhancement using novel and potent 5-HT1A receptor ligands. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 1314-23	1.2	5
35	Nonpeptide analogues of dynorphin A(1-8): design, synthesis, and pharmacological evaluation of kappa-selective agonists. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 2992-3004	8.3	5
34	The Potential Role of Sildenafil in Cancer Management through EPR Augmentation. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	5
33	Discovery of Novel Acetamide-Based Heme Oxygenase-1 Inhibitors with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 13373-13393	8.3	5
32	Supramolecular host-guest interactions of pseudoginsenoside F11 with $\beta$ and $\gamma$ -cyclodextrin: Spectroscopic/spectrometric and computational studies. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1195, 387-394	3.4	4
31	Neutral and cationic free-space oxygen/silicon clusters SiOn (1. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 476-479	2.3	4
30	Synthesis and receptor binding of new thieno[2,3-d]-pyrimidines as selective ligands of 5-HT(3) receptors. <i>Archiv Der Pharmazie</i> , <b>2008</b> , 341, 333-43	4.3	4
29	Novel (E)-alpha-[1H-indol-3-yl]methylene]benzeneacetic acids as endothelin receptor ligands. <i>Il Farmaco</i> , <b>2005</b> , 60, 731-8		4
28	Evaluation of the status quo of polyphenols analysis: Part II-Analysis methods and food processing effects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2020</b> , 19, 3219-3240	16.4	4
27	iVS analysis to evaluate the impact of scaffold diversity in the binding to cellular targets relevant in cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 44-50	5.6	4
26	Repurposing strategies on pyridazinone-based series by pharmacophore- and structure-driven screening. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 1137-1144	5.6	3
25	Non-competitive heme oxygenase-1 activity inhibitor reduces non-small cell lung cancer glutathione content and regulates cell proliferation. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 1949-1964	2.8	3
24	Synthesis and evaluation of haloperidol metabolite II prodrugs as anticancer agents. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 1749-1764	4.1	3
23	Identification of a potent heme oxygenase-2 (HO-2) inhibitor by targeting the secondary hydrophobic pocket of the HO-2 western region. <i>Bioorganic Chemistry</i> , <b>2020</b> , 104, 104310	5.1	3

22	Mutual Prodrugs of 5-Fluorouracil: From a Classic Chemotherapeutic Agent to Novel Potential Anticancer Drugs. <i>ChemMedChem</i> , <b>2021</b> , 16, 3496-3512	3.7	3
21	[1]Benzothieno[3,2-d]pyrimidine derivatives as ligands for the serotonergic 5-HT receptor. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111690	6.8	2
20	Synthesis and endothelin receptor binding affinity of a novel class of 2-substituted-4-aryl-3-quinolinecarboxylic acid derivatives. <i>Medicinal Chemistry</i> , <b>2008</b> , 4, 129-37	1.8	2
19	Laboratory-Scale Semipreparative Enantioresolution of Phenylethanolic-Azole Heme Oxygenase-1 Inhibitors. <i>Chromatographia</i> , <b>2020</b> , 83, 1509-1515	2.1	2
18	Development of New Benzylpiperazine Derivatives as Receptor Ligands with Antinociceptive and Anti-Allodynic Effects. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 2003-2012	5.7	2
17	Enhanced Anticancer Activity of Nanoformulation of Dasatinib against Triple-Negative Breast Cancer. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
16	Multimodal Role of PACAP in Glioblastoma. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
15	Heme Oxygenase Modulation Drives Ferroptosis in TNBC Cells. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5709	6.3	2
14	Synthesis and Experimental Validation of New Designed Heterocyclic Compounds with Antiproliferative Activity versus Breast Cancer Cell Lines MCF-7 and MDA-MB-231. <i>Journal of Chemistry</i> , <b>2017</b> , 2017, 1-10	2.3	1
13	A facile synthesis of new 2-carboxamido-3-carboxythiophene and 4,5,6,7-tetrahydro-2-carboxamido-3-carboxythieno[2,3-c]pyridine derivatives as potential endothelin receptors ligands. <i>Il Farmaco</i> , <b>2005</b> , 60, 711-20		1
12	Novel Heme Oxygenase-1 (HO-1) Inducers Based on Dimethyl Fumarate Structure. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
11	Glucose-impaired Corneal Re-epithelialization Is Promoted by a Novel Derivate of Dimethyl Fumarate. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
10	Machine learning field 3D-QSAR models for serotonin 2A receptor psychoactive substances identification.. <i>RSC Advances</i> , <b>2021</b> , 11, 14587-14595	3.7	1
9	A Pseudouridine Isoxazolidinyl Nucleoside Analogue Structural Analysis: A Morphological Approach. <i>Molecules</i> , <b>2018</b> , 23,	4.8	1
8	CAPE and its synthetic derivative VP961 restore BACH1/NRF2 axis in Down Syndrome.. <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 183, 1-13	7.8	1
7	The Promise of Nanotechnology in Personalized Medicine. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12, 673	3.6	1
6	Synthesis and inverse virtual screening of new bi-cyclic structures towards cancer-relevant cellular targets. <i>Structural Chemistry</i> , 1	1.8	0
5	Synthesis and endothelin receptors binding affinity of new 1,3,5- substituted pyrrole-2-carboxylic acid derivatives. <i>Medicinal Chemistry</i> , <b>2015</b> , 11, 109-17	1.8	0



- 4 Growing the molecular architecture of imidazole-like ligands in HO-1 complexes. *Bioorganic Chemistry*, **2021**, 117, 105428 5.1 ○
- 3 Potential Health Benefits of a Pomegranate Extract, Rich in Phenolic Compounds, in Intestinal Inflammation. *Current Nutrition and Food Science*, **2021**, 17, 833-843 0.7 ○
- 2 Novel Tyrosine Kinase Inhibitors to Target Chronic Myeloid Leukemia. *Molecules*, **2022**, 27, 3220 4.8 ○
- 1 Therapeutic Potential of Nitric Oxide Modulation in Ocular Diseases: A Focus on Novel NO-Releasing Molecules **2019**, 333-334