

Stanislav A Kalinin

List of Publications by Citations

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ext. citations

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avg, IF

3.7
L-index

#	Paper	IF	Citations
32	The first one-pot ambient-temperature synthesis of 1,2,4-oxadiazoles from amidoximes and carboxylic acid esters. <i>Tetrahedron</i> , 2017 , 73, 945-951	2.4	47
31	Continued exploration of 1,2,4-oxadiazole periphery for carbonic anhydrase-targeting primary arene sulfonamides: Discovery of subnanomolar inhibitors of membrane-bound hCA IX isoform that selectively kill cancer cells in hypoxic environment. <i>European Journal of Medicinal Chemistry</i> , 2019 , 164, 92-105	6.8	41
30	Heterocyclic periphery in the design of carbonic anhydrase inhibitors: 1,2,4-Oxadiazol-5-yl benzenesulfonamides as potent and selective inhibitors of cytosolic hCA II and membrane-bound hCA IX isoforms. <i>Bioorganic Chemistry</i> , 2018 , 76, 88-97	5.1	37
29	New tetracyclic 1,4-oxazepines constructed via practically simple tandem condensation strategy from readily available synthons. <i>Tetrahedron</i> , 2014 , 70, 1077-1083	2.4	21
28	1,2,4-Oxadiazole/2-Imidazoline Hybrids: Multi-target-directed Compounds for the Treatment of Infectious Diseases and Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
27	Isoform-selective inhibitory profile of 2-imidazoline-substituted benzene sulfonamides against a panel of human carbonic anhydrases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 197-202	5.6	19
26	Human carbonic anhydrase inhibitory profile of mono- and bis-sulfonamides synthesized via a direct sulfochlorination of 3- and 4-(hetero)arylisoaxazol-5-amine scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1914-1925	3.4	16
25	Inhibitory activity against carbonic anhydrase IX and XII as a candidate selection criterion in the development of new anticancer agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 1555-1561	5.6	16
24	Primary mono- and bis-sulfonamides obtained via regiospecific sulfochlorination of N-arylpyrazoles: inhibition profile against a panel of human carbonic anhydrases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 920-934	5.6	14
23	Dibenzo[b,f]pyrazolo[1,5-d][1,4]oxazepines: Facile Construction of a Rare Heterocyclic System via Tandem Aromatic Nucleophilic Substitution-Smiles Rearrangement-Denitrocyclization. <i>Synthesis</i> , 2012 , 44, 2401-2407	2.9	14
22	Pyridazinone-substituted benzenesulfonamides display potent inhibition of membrane-bound human carbonic anhydrase IX and promising antiproliferative activity against cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2019 , 168, 301-314	6.8	13
21	Combining carbonic anhydrase and thioredoxin reductase inhibitory motifs within a single molecule dramatically increases its cytotoxicity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 665-671	5.6	13
20	Multicomponent chemistry in the synthesis of carbonic anhydrase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 185-199	5.6	13
19	Efficient Use of 1,2-Dihaloazine Synthons in Transition-Metal-Free Preparation of Diverse Heterocycle-Fused 1,4-Oxazepines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1333-1340	3.2	12
18	Unprotected primary sulfonamide group facilitates ring-forming cascade en route to polycyclic [1,4]oxazepine-based carbonic anhydrase inhibitors. <i>Bioorganic Chemistry</i> , 2018 , 76, 140-146	5.1	11
17	Lucky Switcheroo: Dramatic Potency and Selectivity Improvement of Imidazoline Inhibitors of Human Carbonic Anhydrase VII. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 1105-1109	4.3	10
16	Investigation of 3-sulfamoyl coumarins against cancer-related IX and XII isoforms of human carbonic anhydrase as well as cancer cells leads to the discovery of 2-oxo-2H-benzo[h]chromene-3-sulfonamide - A new caspase-activating proapoptotic agent. <i>European Journal of Medicinal Chemistry</i> , 2021 , 222, 113509	6.8	10

15	Highly hydrophilic 1,3-oxazol-5-yl benzenesulfonamide inhibitors of carbonic anhydrase II for reduction of glaucoma-related intraocular pressure. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 115086-115093	3.4	7
14	From random to rational: A discovery approach to selective subnanomolar inhibitors of human carbonic anhydrase IV based on the Castagnoli-Cushman multicomponent reaction. <i>European Journal of Medicinal Chemistry</i> , 2019 , 182, 111642	6.8	6
13	Radiotracers for positron emission tomography (PET) targeting tumour-associated carbonic anhydrase isoforms. <i>European Journal of Medicinal Chemistry</i> , 2021 , 213, 113046	6.8	6
12	Synthesis, Structure, and Antiproliferative Action of 2-Pyridyl Urea-Based Cu(II) Complexes.. <i>Biomedicines</i> , 2022 , 10,	4.8	5
11	Screening of benzenesulfonamide in combination with chemically diverse fragments against carbonic anhydrase by differential scanning fluorimetry. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 306-310	5.6	4
10	Synthesis, structure and properties of N -aminosaccharin A selective inhibitor of human carbonic anhydrase I. <i>Tetrahedron Letters</i> , 2017 , 58, 172-174	2	3
9	Further validation of strecker-type α -aminonitriles as a new class of potent human carbonic anhydrase II inhibitors: hit expansion within the public domain using differential scanning fluorimetry leads to chemotype refinement. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 155-171	5.6	3
8	Insertion of metal carbenes into the anilinic N-H bond of unprotected aminobenzenesulfonamides delivers low nanomolar inhibitors of human carbonic anhydrase IX and XII isoforms. <i>European Journal of Medicinal Chemistry</i> , 2021 , 218, 113352	6.8	3
7	Antimicrobial Activity of 5-membered Nitroheteroaromatic Compounds beyond Nitrofurans and Nitroimidazoles: Recent Progress. <i>Current Medicinal Chemistry</i> , 2021 , 28, 5926-5982	4.3	2
6	Carbonic Anhydrase IX Inhibitors as Candidates for Combination Therapy of Solid Tumors.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
5	Biochemical profiling of anti-HIV prodrug El sulfavirine (Elpida) and its active form VM1500A against a panel of twelve human carbonic anhydrase isoforms. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1056-1060	5.6	1
4	Mucoadhesive properties of nanogels based on stimuli-sensitive glycosaminoglycan-graft-pNIPAAm copolymers. <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 864-872	7.9	1
3	5-(Sulfamoyl)thien-2-yl 1,3-oxazole inhibitors of carbonic anhydrase II with hydrophilic periphery.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 1005-1011	5.6	1
2	(E)-3-Arylidene-4-diazopyrrolidine-2,5-diones conveniently elaborated into cytotoxic compounds bearing primary sulfonamide and Michael acceptor moieties. <i>Mendeleev Communications</i> , 2022 , 32, 176-177	1.9	0
1	Diversely substituted sulfamides for fragment-based drug discovery of carbonic anhydrase inhibitors: synthesis and inhibitory profile.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 857-865	5.6	