Stanislav A Kalinin

List of Publications by Year in Descending Order

32 papers	369 citations	13 h-index	18 g-index
34 ext. papers	455 ext. citations	4.9 avg, IF	3.7 L-index

#	Paper	IF	Citations
32	Synthesis, Structure, and Antiproliferative Action of 2-Pyridyl Urea-Based Cu(II) Complexes.. *Biomedicines*, **2022**, 10,	4.8	5
31	Diversely substituted sulfamides for fragment-based drug discovery of carbonic anhydrase inhibitors: synthesis and inhibitory profile.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 857-865	5.6	
30	5-(Sulfamoyl)thien-2-yl 1,3-oxazole inhibitors of carbonic anhydrase II with hydrophilic periphery.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 1005-1011	5.6	1
29	(E)-3-Arylidene-4-diazopyrrolidine-2,5-diones conveniently elaborated into cytotoxic compounds bearing primary sulfonamide and Michael acceptor moieties. *Mendeleev Communications*, **2022**, 32, 176-177	1.9	0
28	Carbonic Anhydrase IX Inhibitors as Candidates for Combination Therapy of Solid Tumors.. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
27	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. *European Journal of Medicinal Chemistry*, **2021**, 218, 113352	6.8	3
26	Radiotracers for positron emission tomography (PET) targeting tumour-associated carbonic anhydrase isoforms. *European Journal of Medicinal Chemistry*, **2021**, 213, 113046	6.8	6
25	Biochemical profiling of anti-HIV prodrug Elsulfavirine (Elpida) and its active form VM1500A against a panel of twelve human carbonic anhydrase isoforms. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 1056-1060	5.6	1
24	Mucoadhesive properties of nanogels based on stimuli-sensitive glycosaminoglycan-graft-pNIPAAm copolymers. *International Journal of Biological Macromolecules*, **2021**, 186, 864-872	7.9	1
23	Antimicrobial Activity of 5-membered Nitroheteroaromatic Compounds beyond Nitrofurans and Nitroimidazoles: Recent Progress. *Current Medicinal Chemistry*, **2021**, 28, 5926-5982	4.3	2
22	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. *European Journal of Medicinal Chemistry*, **2021**, 222, 113589	6.8	10
21	Combining carbonic anhydrase and thioredoxin reductase inhibitory motifs within a single molecule dramatically increases its cytotoxicity. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 665-671	5.6	13
20	Screening of benzenesulfonamide in combination with chemically diverse fragments against carbonic anhydrase by differential scanning fluorimetry. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 306-310	5.6	4
19	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. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 165-171	5.6	3
18	Inhibitory activity against carbonic anhydrase IX and XII as a candidate selection criterion in the development of new anticancer agents. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 1555-1561	5.6	16
17	From random to rational: A discovery approach to selective subnanomolar inhibitors of human carbonic anhydrase IV based on the Castagnoli-Cushman multicomponent reaction. *European Journal of Medicinal Chemistry*, **2019**, 182, 111642	6.8	6
16	Highly hydrophilic 1,3-oxazol-5-yl benzenesulfonamide inhibitors of carbonic anhydrase II for reduction of glaucoma-related intraocular pressure. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115086	3.4	7

15	1,2,4-Oxadiazole/2-Imidazoline Hybrids: Multi-target-directed Compounds for the Treatment of Infectious Diseases and Cancer. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	19
14	Pyridazinone-substituted benzenesulfonamides display potent inhibition of membrane-bound human carbonic anhydrase IX and promising antiproliferative activity against cancer cell lines. *European Journal of Medicinal Chemistry*, **2019**, 168, 301-314	6.8	13
13	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. *European Journal of Medicinal Chemistry*, **2019**, 164, 92-105	6.8	41
12	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. *Bioorganic Chemistry*, **2018**, 76, 88-97	5.1	37
11	Unprotected primary sulfonamide group facilitates ring-forming cascade en route to polycyclic [1,4]oxazepine-based carbonic anhydrase inhibitors. *Bioorganic Chemistry*, **2018**, 76, 140-146	5.1	11
10	Human carbonic anhydrase inhibitory profile of mono- and bis-sulfonamides synthesized via a direct sulfochlorination of 3- and 4-(hetero)arylisoxazol-5-amine scaffolds. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 1914-1925	3.4	16
9	Synthesis, structure and properties of N -aminosaccharin A selective inhibitor of human carbonic anhydrase I. *Tetrahedron Letters*, **2017**, 58, 172-174	2	3
8	The first one-pot ambient-temperature synthesis of 1,2,4-oxadiazoles from amidoximes and carboxylic acid esters. *Tetrahedron*, **2017**, 73, 945-951	2.4	47
7	Lucky Switcheroo: Dramatic Potency and Selectivity Improvement of Imidazoline Inhibitors of Human Carbonic Anhydrase VII. *ACS Medicinal Chemistry Letters*, **2017**, 8, 1105-1109	4.3	10
6	Primary mono- and bis-sulfonamides obtained via regiospecific sulfochlorination of N-arylpyrazoles: inhibition profile against a panel of human carbonic anhydrases. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 920-934	5.6	14
5	Multicomponent chemistry in the synthesis of carbonic anhydrase inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 185-199	5.6	13
4	Isoform-selective inhibitory profile of 2-imidazoline-substituted benzene sulfonamides against a panel of human carbonic anhydrases. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 197-202	5.6	19
3	Efficient Use of 1,2-Dihaloazine Synthons in Transition-Metal-Free Preparation of Diverse Heterocycle-Fused 1,4-Oxazepines. *European Journal of Organic Chemistry*, **2015**, 2015, 1333-1340	3.2	12
2	New tetracyclic 1,4-oxazepines constructed via practically simple tandem condensation strategy from readily available synthons. *Tetrahedron*, **2014**, 70, 1077-1083	2.4	21
1	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. *Synthesis*, **2012**, 44, 2401-2407	2.9	14