## CITATION REPORT List of articles citing



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#	Paper	IF	Citations
139	Sulfonamide Inhibition Studies of a New Ecarbonic Anhydrase from the Pathogenic Protozoan.  International Journal of Molecular Sciences, 2018, 19,	6.3	7
138	Phosphorus versus Sulfur: Discovery of Benzenephosphonamidates as Versatile Sulfonamide-Mimic Chemotypes Acting as Carbonic Anhydrase Inhibitors. <b>2019</b> , 25, 1188-1192		31
137	Carbonic anhydrase inhibitors and their potential in a range of therapeutic areas. <i>Expert Opinion on Therapeutic Patents</i> , <b>2018</b> , 28, 709-712	6.8	100
136	Humanized Monoclonal Antibody Blocking Carbonic Anhydrase 12 Enzymatic Activity Leads to Reduced Tumor Growth. <b>2019</b> , 39, 4117-4128		9
135	Design, synthesis and biological activity of selective hCAs inhibitors based on 2-(benzylsulfinyl)benzoic acid scaffold. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 1400-1413	5.6	14
134	Synthesis and biological evaluation of novel 3-(quinolin-4-ylamino)benzenesulfonamidesAQ3 as carbonic anhydrase isoforms I and II inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 1457-1464	5.6	20
133	Advances in the structural annotation of human carbonic anhydrases and impact on future drug discovery. <b>2019</b> , 14, 1175-1197		96
132	Carbonic anhydrase inhibitors for the treatment of tumors. <b>2019</b> , 331-365		2
131	Mechanism of action of carbonic anhydrase inhibitors. <b>2019</b> , 245-255		1
130	CO2-capture by engineered mammalian carbonic anhydrases. <b>2019</b> , 515-530		
129	Structure-activity relationship with pyrazoline-based aromatic sulfamates as carbonic anhydrase isoforms I, II, IX and XII inhibitors: Synthesis and biological evaluation. <b>2019</b> , 182, 111638		15
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127	Human carbonic anhydrases. <b>2019</b> , 151-185		12
126	Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 90, 103095	5.1	35
125	Application of hydrazino and hydrazido linkers to connect benzenesulfonamides with hydrophilic/phobic tails for targeting the middle region of human carbonic anhydrases active site: Selective inhibitors of hCA IX. <b>2019</b> , 179, 547-556		12
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123	Multiple cytotoxic effects of gamabufotalin against human glioblastoma cell line U-87. <b>2019</b> , 314, 1088	349	11

122	Extending the Etlass carbonic anhydrases inhibition profiles with phenolic compounds. <i>Bioorganic Chemistry</i> , <b>2019</b> , 93, 103336	5.1	7
121	Carbonic anhydrases. <b>2019</b> , 3-16		11
120	QSAR and docking studies on Triazole Benzene Sulfonamides with human Carbonic anhydrase IX inhibitory activity. <b>2019</b> , 33, e3189		5
119	Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 92, 103222	5.1	16
118	Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2()-benzoxazolones. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 1722-1729	5.6	13
117	Agents for the prevention and treatment of age-related macular degeneration and macular edema: a literature and patent review. <i>Expert Opinion on Therapeutic Patents</i> , <b>2019</b> , 29, 761-767	6.8	28
116	Novel approaches for designing drugs that interfere with pH regulation. <b>2019</b> , 14, 231-248		23
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114	Benzenesulfonamides incorporating nitrogenous bases show effective inhibition of Etarbonic anhydrases from the pathogenic fungi Cryptococcus neoformans, Candida glabrata and Malassezia globosa. <i>Bioorganic Chemistry</i> , <b>2019</b> , 86, 39-43	5.1	4
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111	Carbonic anhydrases as disease markers. Expert Opinion on Therapeutic Patents, 2019, 29, 509-533	6.8	28
110	Cloning, Purification, and Characterization of a ECarbonic Anhydrase from , an Opportunistic Pathogen Involved in Dandruff and Seborrheic Dermatitis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
109	The role of carbonic anhydrase IX in cancer development: links to hypoxia, acidosis, and beyond. <b>2019</b> , 38, 65-77		134
108	Indole-Based Hydrazones Containing A Sulfonamide Moiety as Selective Inhibitors of Tumor-Associated Human Carbonic Anhydrase Isoforms IX and XII. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	9
107	Activation Studies of the Ecarbonic Anhydrases from the Antarctic Marine Bacteria and with Amino Acids and Amines. <b>2019</b> , 17,		7
106	Synthesis of benzensulfonamides linked to quinazoline scaffolds as novel carbonic anhydrase inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 78-90	5.1	25
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103	Activation Studies of the ECarbonic Anhydrase from the Pathogenic Protozoan with Amino Acids and Amines. <b>2019</b> , 9,		7
102	Pyridazinone-substituted benzenesulfonamides display potent inhibition of membrane-bound human carbonic anhydrase IX and promising antiproliferative activity against cancer cell lines. <b>2019</b> , 168, 301-314		13
101	Discovery of new ureido benzenesulfonamides incorporating 1,3,5-triazine moieties as carbonic anhydrase I, II, IX and XII inhibitors. <b>2019</b> , 27, 1588-1594		32
100	#Diketocarboxylic Acids and Their Esters Act as Carbonic Anhydrase IX and XII Selective Inhibitors. <b>2019</b> , 10, 661-665		12
99	Targeting Tumor Microenvironment for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	435
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96	Toward Multi-Targeted Platinum and Ruthenium Drugs-A New Paradigm in Cancer Drug Treatment Regimens?. <b>2019</b> , 119, 1058-1137		283
95	New sulfonamides containing organometallic-acylhydrazones: synthesis, characterisation and biological evaluation as inhibitors of human carbonic anhydrases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 451-458	5.6	8
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90	"A Sweet Combination": Developing Saccharin and Acesulfame K Structures for Selectively Targeting the Tumor-Associated Carbonic Anhydrases IX and XII. <b>2020</b> , 63, 321-333		12
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84	Progress in the development of human carbonic anhydrase Inhibitors and their pharmacological applications: Where are we today?. <b>2020</b> , 40, 2485-2565		73
83	Carbonic Anhydrase Inhibitor Acetazolamide Enhances CHOP Treatment Response and Stimulates Effector T-Cell Infiltration in A20/BalbC Murine B-Cell Lymphoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
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64	Synthesis, characterisation, biological evaluation and studies of sulphonamide Schiff bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 950-962	5.6	41
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60	Nanostructures and innovative delivery systems for overcoming cancer resistance. <b>2021</b> , 185-201		
59	Molecular docking studies and virtual drug screening of chemosensitizers. <b>2021</b> , 169-183		
58	A Story on Carbon Dioxide and Its Hydration. <b>2021</b> , 115-131		
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<i>J</i> ,	Use of pH-interfering agents as chemosensitizers: Clinical studies survey. <b>2021</b> , 35-43		O
56	Use of pH-interfering agents as chemosensitizers: Clinical studies survey. <b>2021</b> , 35-43  Predicting Isoform-Selective Carbonic Anhydrase Inhibitors via Machine Learning and Rationalizing Structural Features Important for Selectivity. <b>2021</b> , 6, 4080-4089		0 4
	Predicting Isoform-Selective Carbonic Anhydrase Inhibitors via Machine Learning and Rationalizing		
56	Predicting Isoform-Selective Carbonic Anhydrase Inhibitors via Machine Learning and Rationalizing Structural Features Important for Selectivity. <b>2021</b> , 6, 4080-4089  Prediction of potential inhibitors of SARS-CoV-2 using 3D-QSAR, molecular docking modeling and		4
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56 55 54	Predicting Isoform-Selective Carbonic Anhydrase Inhibitors via Machine Learning and Rationalizing Structural Features Important for Selectivity. <b>2021</b> , 6, 4080-4089  Prediction of potential inhibitors of SARS-CoV-2 using 3D-QSAR, molecular docking modeling and ADMET properties. <b>2021</b> , 7, e06603  Development of novel benzofuran-based SLC-0111 analogs as selective cancer-associated carbonic anhydrase isoform IX inhibitors. <b>2021</b> , 216, 113283	5.2	4 7 20

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44	Nanoscale Drug Delivery Systems for Glaucoma: Experimental and Advances. <b>2021</b> , 21, 115-125		4
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42	Novel benzenesulfonamide-bearing pyrazoles and 1,2,4-thiadiazoles as selective carbonic anhydrase inhibitors. <b>2021</b> , e2100241		1
41	Natural inspired ligustrazine-based SLC-0111 analogues as novel carbonic anhydrase inhibitors. <b>2021</b> , 228, 114008		4
40	C Vitamininin Karbonik Anhidraz Boenzimleri (hCA I ve II) Berine Etkisi. <b>2021</b> , 21, 1038-1045		
39	Docking studies and molecular dynamics simulation of triazole benzene sulfonamide derivatives with human carbonic anhydrase IX inhibition activity <i>RSC Advances</i> , <b>2021</b> , 11, 38079-38093	3.7	6
38	Synthesis, carbonic anhydrase enzyme inhibition evaluations, and anticancer studies of sulfonamide based thiadiazole derivatives <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 57, 128520	2.9	2
37	Molecular insights of oxadiazole benzene sulfonamides as human carbonic anhydrase IX inhibitors: Combined molecular docking, molecular dynamics, and 3D QSAR studies. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 99, 100339		1
36	Discovery of 2,4-thiazolidinedione-tethered coumarins as novel selective inhibitors for carbonic anhydrase IX and XII isoforms <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2022</b> , 37, 531-541	5.6	8
35	New Pyridinium Salt Derivatives of 2-(Hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide as Selective Inhibitors of Tumour-Related Human Carbonic Anhydrase Isoforms IX and XII <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2022</b> ,	2.2	O
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31	Beta and Gamma Amino Acid-Substituted Benzenesulfonamides as Inhibitors of Human Carbonic Anhydrases <i>Pharmaceuticals</i> , <b>2022</b> , 15,	5.2	2
30	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of QuinolineDracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 494	5.2	O
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26	A decade of tail-approach based design of selective as well as potent tumor associated carbonic anhydrase inhibitors. <i>Bioorganic Chemistry</i> , <b>2022</b> , 126, 105920	5.1	5
25	Synthesis of Sulfonamides Incorporating Piperidinyl-Hydrazidoureido and Piperidinyl-Hydrazidothioureido Moieties and Their Carbonic Anhydrase I, II, IX and XII Inhibitory Activity. <b>2022</b> , 27, 5370		O
24	In Vitro Inhibition Profiles and Molecular Docking Analysis of Benzohydrazide Derivatives on Red Blood Cell Carbonic Anhydrases Isozymes. <b>2022</b> , 18,		
23	Design, Synthesis and Biological Evaluation of New Carbohydrate-Based Coumarin Derivatives as Selective Carbonic Anhydrase IX Inhibitors via Click[Reaction. 2022, 27, 5464		1
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21	Design and synthesis of benzothiazole-based SLC-0111 analogues as new inhibitors for the cancer-associated carbonic anhydrase isoforms IX and XII. <b>2022</b> , 37, 2635-2643		4
20	Cyclic Peptide Screening Methods for Preclinical Drug Discovery. <b>2022</b> , 65, 11913-11926		1
19	Synthesis and anticancer activity of new benzensulfonamides incorporating s-triazines as cyclic linkers for inhibition of carbonic anhydrase IX. <b>2022</b> , 12,		O
18	Biodegradable Ferrous Sulfide-Based Nanocomposites for Tumor Theranostics through Specific Intratumoral Acidosis-Induced Metabolic Symbiosis Disruption.		O
17	Activation studies with amino acids and amines of a Etarbonic anhydrase from Mammaliicoccus (Staphylococcus) sciuri previously annotated as Staphylococcus aureus (SauBCA) carbonic anhydrase. <b>2022</b> , 37, 2786-2792		5
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15	Tail approach synthesis of triazolylthiazolotriazole bearing benzenesulfonamides as carbonic anhydrase inhibitors capable of inducing apoptosis.		O

## CITATION REPORT

14	Design, synthesis, biological evaluation and crystal structure determination of dual modulators of carbonic anhydrases and estrogen receptors. <b>2023</b> , 246, 115011	О
13	A pH-sensitive carbonic anhydrase IX-targeted near-infrared probe for fluorescent sensing and imaging of hypoxic osteosarcoma. <b>2023</b> , 379, 133171	1
12	Biochemical and in silico inhibition of bovine and human carbonic anhydrase-II by 1H-1,2,3-triazole analogs. 10,	0
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9	Pyrazole/pyrazoline as an excellent pharmacophore in the design of carbonic anhydrase inhibitors (2018\( \textbf{Q} 022 \)).	o
8	Indisulam Reduces Viability and Regulates Apoptotic Gene Expression in Pediatric High-Grade Glioma Cells. <b>2023</b> , 11, 68	0
7	Arylidine extensions of 3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-benzenesulfonamide derivatives: Synthesis, computational simulations and biological evaluation as tumor-associated carbonic anhydrase inhibitors. <b>2023</b> , 135, 106492	O
6	Carbonic Anhydrase II Activators in Osteopetrosis Treatment: A Review. <b>2023</b> , 45, 1373-1386	O
5	Potent carbonic anhydrase I, II, IX and XII inhibition activity of novel primary benzenesulfonamides incorporating bis-ureido moieties. <b>2023</b> , 38,	o
4	Antihistamines, phenothiazine-based antipsychotics, and tricyclic antidepressants potently activate pharmacologically relevant human carbonic anhydrase isoforms II and VII. <b>2023</b> , 38,	0
3	Selenium-analogs based on natural sources as cancer-associated carbonic anhydrase isoforms IX and XII inhibitors. <b>2023</b> , 38,	O
2	Five-Membered Heterocyclic Sulfonamides as Carbonic Anhydrase Inhibitors. <b>2023</b> , 28, 3220	0
1	Effect of hydrophobic extension of aryl enaminones and pyrazole-linked compounds combined with sulphonamide, sulfaguanidine, or carboxylic acid functionalities on carbonic anhydrase inhibitory potency and selectivity. <b>2023</b> , 38,	O