

Lina Baranauskiene

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,510
citations

304602

22
h-index

345118

36
g-index

42
all docs

42
docs citations

42
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	POT1 stability and binding measured by fluorescence thermal shift assays. PLoS ONE, 2021, 16, e0245675.	1.1	6
2	A standard operating procedure for an enzymatic activity inhibition assay. European Biophysics Journal, 2021, 50, 345-352.	1.2	6
3	Switching the Inhibitor-Enzyme Recognition Profile via Chimeric Carbonic Anhydrase XII. ChemistryOpen, 2021, 10, 567-580.	0.9	1
4	Thiazide and other Cl-benzenesulfonamide-bearing clinical drug affinities for human carbonic anhydrases. PLoS ONE, 2021, 16, e0253608.	1.1	3
5	S100A9 Alters the Pathway of Alpha-Synuclein Amyloid Aggregation. International Journal of Molecular Sciences, 2021, 22, 7972.	1.8	13
6	Inhibitory Monoclonal Antibodies and Their Recombinant Derivatives Targeting Surface-Exposed Carbonic Anhydrase XII on Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 9411.	1.8	7
7	Phenotypic variation of Gardnerella vaginalis subgroups in relation to virulence potential. Access Microbiology, 2020, 2, .	0.2	0
8	Inerolysin and vaginolysin, the cytolysins implicated in vaginal dysbiosis, differently impair molecular integrity of phospholipid membranes. Scientific Reports, 2019, 9, 10606.	1.6	34
9	Overview of Human Carbonic Anhydrases. , 2019, , 3-14.		1
10	Catalytic Activity and Inhibition of Human Carbonic Anhydrases. , 2019, , 39-49.		3
11	Binding affinity in drug design: experimental and computational techniques. Expert Opinion on Drug Discovery, 2019, 14, 755-768.	2.5	75
12	Isothermal titration calorimetry for characterization of recombinant proteins. Current Opinion in Biotechnology, 2019, 55, 9-15.	3.3	30
13	Novel fluorinated carbonic anhydrase IX inhibitors reduce hypoxia-induced acidification and clonogenic survival of cancer cells. Oncotarget, 2018, 9, 26800-26816.	0.8	25
14	Thermodynamic, kinetic, and structural parameterization of human carbonic anhydrase interactions toward enhanced inhibitor design. Quarterly Reviews of Biophysics, 2018, 51, e10.	2.4	35
15	Phenotypic characterization of Gardnerella vaginalis subgroups suggests differences in their virulence potential. PLoS ONE, 2018, 13, e0200625.	1.1	56
16	Intrinsic thermodynamics of high affinity inhibitor binding to recombinant human carbonic anhydrase IV. European Biophysics Journal, 2018, 47, 271-290.	1.2	14
17	Microfluidic Encapsulation of Prickly Zinc-Doped Copper Oxide Nanoparticles with VD1142 Modified Spermine Acetalated Dextran for Efficient Cancer Therapy. Advanced Healthcare Materials, 2017, 6, 1601406.	3.9	38
18	Herbicide oryzalin inhibits human carbonic anhydrases <i>in vitro</i> . Journal of Biochemical and Molecular Toxicology, 2017, 31, e21894.	1.4	4

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19	A Versatile Carbonic Anhydrase IX Targeting Ligand-Functionalized Porous Silicon Nanoplatform for Dual Hypoxia Cancer Therapy and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13976-13987.	4.0	44
20	Purification, enzymatic activity and inhibitor discovery for recombinant human carbonic anhydrase XIV. <i>Journal of Biotechnology</i> , 2016, 240, 31-42.	1.9	10
21	Thermodynamic characterization of human carbonic anhydrase VB stability and intrinsic binding of compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2191-2200.	2.0	16
22	Identification of a small-molecule ligand of the epigenetic reader protein Spindlin1 via a versatile screening platform. <i>Nucleic Acids Research</i> , 2016, 44, e88-e88.	6.5	50
23	Intrinsic Thermodynamics - Structure Correlation of Carbonic Anhydrase Inhibitors. <i>Biophysical Journal</i> , 2015, 108, 217a.	0.2	0
24	Intrinsic thermodynamics of sulfonamide inhibitor binding to human carbonic anhydrases I and II. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 204-211.	2.5	22
25	Looking for a generic inhibitor of amyloid-like fibril formation among flavone derivatives. <i>PeerJ</i> , 2015, 3, e1271.	0.9	29
26	Saccharin Sulfonamides as Inhibitors of Carbonic Anhydrases I, II, VII, XII, and XIII. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	9
27	Discovery and Characterization of Novel Selective Inhibitors of Carbonic Anhydrase IX. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9435-9446.	2.9	72
28	Design, Synthesis, Binding, Crystallography, and Docking of [(2-Pyrimidinylthio)Acetyl]Benzenesulfonamides as Inhibitors of Human Carbonic Anhydrases. <i>Biophysical Journal</i> , 2013, 104, 558a-559a.	0.2	1
29	Intrinsic thermodynamics of ethoxzolamide inhibitor binding to human carbonic anhydrase XIII. <i>BMC Biophysics</i> , 2012, 5, 12.	4.4	31
30	Design of [(2-pyrimidinylthio)acetyl]benzenesulfonamides as inhibitors of human carbonic anhydrases. <i>European Journal of Medicinal Chemistry</i> , 2012, 51, 259-270.	2.6	33
31	Indapamide-like benzenesulfonamides as inhibitors of carbonic anhydrases I, II, VII, and XIII. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7357-7364.	1.4	35
32	4-[N-(Substituted 4-pyrimidinyl)amino]benzenesulfonamides as inhibitors of carbonic anhydrase isozymes I, II, VII, and XIII. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7413-7421.	1.4	32
33	Inhibition and binding studies of carbonic anhydrase isozymes I, II and IX with benzimidazo[1,2-c][1,2,3]thiadiazole-7-sulphonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 863-870.	2.5	66
34	Measurement of Nanomolar Dissociation Constants by Titration Calorimetry and Thermal Shift Assay of Radicol Binding to Hsp90 and Ethoxzolamide Binding to CAII. <i>International Journal of Molecular Sciences</i> , 2009, 10, 2662-2680.	1.8	50
35	Titration Calorimetry Standards and the Precision of Isothermal Titration Calorimetry Data. <i>International Journal of Molecular Sciences</i> , 2009, 10, 2752-2762.	1.8	80
36	A Quantitative Model of Thermal Stabilization and Destabilization of Proteins by Ligands. <i>Biophysical Journal</i> , 2008, 95, 3222-3231.	0.2	290

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37	Determination of the thermodynamics of carbonic anhydrase acid-unfolding by titration calorimetry. <i>Journal of Proteomics</i> , 2008, 70, 1043-1047.	2.4	8
38	Biochemical Characterization of CA IX, One of the Most Active Carbonic Anhydrase Isozymes. <i>Journal of Biological Chemistry</i> , 2008, 283, 27799-27809.	1.6	258
39	Benzimidazo[1,2-c][1,2,3]thiadiazole-7-sulfonamides as inhibitors of carbonic anhydrase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3335-3338.	1.0	22
40	Biochemical properties of Hsp70 chaperone system from <i>Meiothermus ruber</i> . <i>Biocatalysis and Biotransformation</i> , 2005, 23, 191-200.	1.1	1