

Alexander Ian Smith

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,663
citations

516215

16
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review and performance evaluation of bioinformatics tools for HLA class I peptide-binding prediction. <i>Briefings in Bioinformatics</i> , 2020, 21, 1119-1135.	3.2	127
2	iLearn: an integrated platform and meta-learner for feature engineering, machine-learning analysis and modeling of DNA, RNA and protein sequence data. <i>Briefings in Bioinformatics</i> , 2020, 21, 1047-1057.	3.2	294
3	DeepCleave: a deep learning predictor for caspase and matrix metalloprotease substrates and cleavage sites. <i>Bioinformatics</i> , 2020, 36, 1057-1065.	1.8	102
4	Procleave: Predicting Protease-specific Substrate Cleavage Sites by Combining Sequence and Structural Information. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 52-64.	3.0	71
5	PRISMOID: a comprehensive 3D structure database for post-translational modifications and mutations with functional impact. <i>Briefings in Bioinformatics</i> , 2020, 21, 1069-1079.	3.2	38
6	A Taxon-Specific and High-Throughput Method for Measuring Ligand Binding to Nicotinic Acetylcholine Receptors. <i>Toxins</i> , 2019, 11, 600.	1.5	29
7	Twenty years of bioinformatics research for protease-specific substrate and cleavage site prediction: a comprehensive revisit and benchmarking of existing methods. <i>Briefings in Bioinformatics</i> , 2019, 20, 2150-2166.	3.2	70
8	Large-scale comparative assessment of computational predictors for lysine post-translational modification sites. <i>Briefings in Bioinformatics</i> , 2019, 20, 2267-2290.	3.2	99
9	<i>iFeature</i> : a Python package and web server for features extraction and selection from protein and peptide sequences. <i>Bioinformatics</i> , 2018, 34, 2499-2502.	1.8	481
10	Serelaxin attenuates renal inflammation and fibrosis in a mouse model of dilated cardiomyopathy. <i>Experimental Physiology</i> , 2018, 103, 1593-1602.	0.9	10
11	<i>Quokka</i> : a comprehensive tool for rapid and accurate prediction of kinase family-specific phosphorylation sites in the human proteome. <i>Bioinformatics</i> , 2018, 34, 4223-4231.	1.8	151
12	Pharmacological hypothesis: Nitric oxide-induced inhibition of ADAM17 activity as well as vesicle release can in turn prevent the production of soluble endothelin-converting enzyme. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00335.	1.1	2
13	Proteomics Identification of Potential Candidates Involved in Cell Proliferation for Early Stage of Brain Regeneration in the Adult Zebrafish. <i>Zebrafish</i> , 2017, 14, 10-22.	0.5	12
14	N-Acetylcysteine Attenuates the Development of Renal Fibrosis in Transgenic Mice with Dilated Cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 17718.	1.6	8
15	Clinical and Pharmacological Investigation of Myotoxicity in Sri Lankan Russell's Viper (Daboia Tj ETQq1 1 0.784314 rgBTJ/Overlock	1.3	25
16	N-terminal domain of Bothrops asper Myotoxin II Enhances the Activity of Endothelin Converting Enzyme-1 and Neprilysin. <i>Scientific Reports</i> , 2016, 6, 22413.	1.6	8
17	Letter by Rajapakse et al Regarding Article, "Combined Angiotensin Receptor Antagonism and Neprilysin Inhibition". <i>Circulation</i> , 2016, 134, e9-e10.	1.6	0
18	Stimulating the Activity of Amyloid-Beta Degrading Enzymes: A Novel Approach for the Therapeutic Manipulation of Amyloid-Beta Levels. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 891-895.	1.2	12

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19	Prothrombin activator-like toxin appears to mediate cardiovascular collapse following envenoming by <i>Pseudonaja textilis</i> . <i>Toxicon</i> , 2015, 102, 48-54.	0.8	7
20	Age-Dependent Transcriptome and Proteome Following Transection of Neonatal Spinal Cord of <i>Monodelphis domestica</i> (South American Grey Short-Tailed Opossum). <i>PLoS ONE</i> , 2014, 9, e99080.	1.1	28
21	In Vitro Toxic Effects of Puff Adder (<i>Bitis arietans</i>) Venom, and Their Neutralization by Antivenom. <i>Toxins</i> , 2014, 6, 1586-1597.	1.5	21
22	Production of soluble Neprilysin by endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 423-427.	1.0	30
23	Nitric Oxide Inhibits the Production of a Soluble Form of Endothelin Converting Enzyme. <i>FASEB Journal</i> , 2013, 27, lb485.	0.2	0
24	S1 Pocket of a Bacterially Derived Subtilisin-like Protease Underpins Effective Tissue Destruction. <i>Journal of Biological Chemistry</i> , 2011, 286, 42180-42187.	1.6	17
25	Quenched Fluorescent Peptide Substrates as Tools for the Discovery of Novel Cardiovascular Disease Biomarkers. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 419-422.	0.8	1
26	Characterisation of endothelin converting enzyme-1 (ECE-1) shedding from endothelial cells. <i>FASEB Journal</i> , 2007, 21, A194.	0.2	0
27	Characterization of Angiotensin Converting Enzyme-2 (ACE2) in Human Urine. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 283-289.	0.9	20