Jiangming Sun

List of Publications by Year
in descending order

36
papers	598
citations	623734
14
h-index	642732
23
g-index
43
all docs	43
docs citations	43
times ranked	995
citing authors

#	Article	IF	Citations
1	ExCAPE-DB: an integrated large scale dataset facilitating Big Data analysis in chemogenomics. Journal of Cheminformatics, 2017, 9, 17.	6.1	116
2	Loss of TFB1M results in mitochondrial dysfunction that leads to impaired insulin secretion and diabetes. Human Molecular Genetics, 2014, 23, 5733-5749.	2.9	51
3	Applying Mondrian Cross-Conformal Prediction To Estimate Prediction Confidence on Large Imbalanced Bioactivity Data Sets. Journal of Chemical Information and Modeling, 2017, 57, 1591-1598.	5.4	51
4	A novel structural position-specific scoring matrix for the prediction of protein secondary structures. Bioinformatics, 2012, 28, 32-39.	4.1	43
5	Glucagon-Like Peptide 1 Stimulates Insulin Secretion via Inhibiting RhoA/ROCK Signaling and Disassembling Glucotoxicity-Induced Stress Fibers. Endocrinology, 2014, 155, 4676-4685.	2.8	33
6	Interferon regulatory factor-5-dependent CD11c+ macrophages contribute to the formation of rupture–prone atherosclerotic plaques. European Heart Journal, 2022, 43, 1864-1877.	2.2	27
7	Application of Bioactivity Profile-Based Fingerprints for Building Machine Learning Models. Journal of Chemical Information and Modeling, 2019, 59, 962-972.	5.4	24
8	Response to dietary L-glutamine supplementation in weaned piglets: A serum metabolomic comparison and hepatic metabolic regulation analysis1. Journal of Animal Science, 2012, 90, 4421-4430.	0.5	23
9	PlantLoc: an accurate web server for predicting plant protein subcellular localization by substantiality motif. Nucleic Acids Research, 2013, 41, W441-W447.	14.5	19
10	Plaque Vulnerability Index Predicts Cardiovascular Events: A Histological Study of an Endarterectomy Cohort. Journal of the American Heart Association, 2021, 10, e021038.	3.7	17
11	Improving the performance of β-turn prediction using predicted shape strings and a two-layer support vector machine model. BMC Bioinformatics, 2011, 12, 283.	2.6	16
12	Using predicted shape string to enhance the accuracy of γ-turn prediction. Amino Acids, 2012, 42, 1749-1755.	2.7	15
13	Predicting Gram-positive bacterial protein subcellular localization based on localization motifs. Journal of Theoretical Biology, 2012, 308, 135-140.	1.7	15
14	DSP: a protein shape string and its profile prediction server. Nucleic Acids Research, 2012, 40, W298-W302.	14.5	14
15	Translating polygenic risk scores for clinical use by estimating the confidence bounds of risk prediction. Nature Communications, 2021, 12, 5276.	12.8	12
16	Genome-wide association study identifies 16 genomic regions associated with circulating cytokines at birth. PLoS Genetics, 2020, 16, e1009163.	3.5	12
17	Hyperglycaemia–associated Caspase–3 predicts diabetes and coronary artery disease events. Journal of Internal Medicine, 2021, 290, 855-865.	6.0	11
18	Metabolomic analysis of normal (C57BL/6J, 129S1/SvImJ) mice by gas chromatography–mass spectrometry: Detection of strain and gender differences. Talanta, 2011, 85, 718-724.	5.5	10

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19	DomHR: Accurately Identifying Domain Boundaries in Proteins Using a Hinge Region Strategy. PLoS ONE, 2013, 8, e60559.	2.5	10
20	Identification of the subcellular localization of mycobacterial proteins using localization motifs. Biochimie, 2012, 94, 847-853.	2.6	7
21	Shape string: A new feature for prediction of DNA-binding residues. Biochimie, 2013, 95, 354-358.	2.6	7
22	Predicting Turns in Proteins with a Unified Model. PLoS ONE, 2012, 7, e48389.	2.5	7
23	Discriminative Prediction of A-To-I RNA Editing Events from DNA Sequence. PLoS ONE, 2016, 11, e0164962.	2.5	7
24	Glycogen metabolism in the glucose–sensing and supply–driven β–cell. FEBS Letters, 2016, 590, 4242-4251.	2.8	6
25	Serum Renin Levels Increase With Age in Boys Resulting in Higher Renin Levels in Young Men Compared to Young Women, and Soluble Angiotensin-Converting Enzyme 2 Correlates With Renin and Body Mass Index. Frontiers in Physiology, 2020, 11, 622179.	2.8	6
26	Association of TIM-1 (T-Cell Immunoglobulin and Mucin Domain 1) With Incidence of Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1777-1786.	2.4	5
27	Human Atherosclerotic Plaque Progression Is Dependent on Apoptosis According to Bomb-Pulse 14C Dating. JACC Basic To Translational Science, 2021, 6, 734-745.	4.1	5
28	Osteomodulin Gene Expression Is Associated With Plaque Calcification, Stability, and Fewer Cardiovascular Events in the CPIP Cohort. Stroke, 2022, 53, STROKEAHA121037223.	2.0	5
29	Epigenome-Wide Histone Acetylation Changes in Peripheral Blood Mononuclear Cells in Patients with Type 2 Diabetes and Atherosclerotic Disease. Biomedicines, 2021, 9, 1908.	3.2	4
30	Direct decomposition of three-way arrays using a non-negative approximation. Talanta, 2010, 83, 541-548.	5.5	3
31	Regulation of Nuclear Receptor Interacting Protein 1 (NRIP1) Gene Expression in Response to Weight Loss and Exercise in Humans. Obesity, 2017, 25, 1400-1409.	3.0	3
32	Comparative Analysis of Protein Expression Concomitant with DNA Methyltransferase 3A Depletion in a Melanoma Cell Line. American Journal of Analytical Chemistry, 2011, 02, 539-572.	0.9	1
33	Title is missing!. , 2020, 16, e1009163.		0
34	Title is missing!. , 2020, 16, e1009163.		0
35	Title is missing!. , 2020, 16, e1009163.		0
36	Title is missing!. , 2020, 16, e1009163.		0