

Wen Zou

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,266
citations

516710

16
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent Organic Pollutants in Food: Contamination Sources, Health Effects and Detection Methods. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4361.	2.6	214
2	A heuristic approach to determine an appropriate number of topics in topic modeling. <i>BMC Bioinformatics</i> , 2015, 16, S8.	2.6	202
3	Activation of TBK1 and IKKÎµ Kinases by Vesicular Stomatitis Virus Infection and the Role of Viral Ribonucleoprotein in the Development of Interferon Antiviral Immunity. <i>Journal of Virology</i> , 2004, 78, 10636-10649.	3.4	164
4	Metabolism of azo dyes by human skin microbiota. <i>Journal of Medical Microbiology</i> , 2010, 59, 108-114.	1.8	79
5	Text mining for identifying topics in the literatures about adolescent substance use and depression. <i>BMC Public Health</i> , 2016, 16, 279.	2.9	67
6	An FDA bioinformatics tool for microbial genomics research on molecular characterization of bacterial foodborne pathogens using microarrays. <i>BMC Bioinformatics</i> , 2010, 11, S4.	2.6	53
7	Topic modeling for cluster analysis of large biological and medical datasets. <i>BMC Bioinformatics</i> , 2014, 15, S11.	2.6	52
8	Evaluation of Pulsed-Field Gel Electrophoresis Profiles for Identification of <i>Salmonella</i> Serotypes. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3122-3126.	3.9	46
9	Microarray analysis of virulence gene profiles in <i>Salmonella</i> serovars from food/food animal environment. <i>Journal of Infection in Developing Countries</i> , 2011, 5, 94-105.	1.2	45
10	Screening of Genes Involved in Isooctane Tolerance in <i>Saccharomyces cerevisiae</i> by Using mRNA Differential Display. <i>Applied and Environmental Microbiology</i> , 2000, 66, 4883-4889.	3.1	36
11	Screening of a molecule endowing <i>Saccharomyces cerevisiae</i> with n-nonane-tolerance from a combinatorial random protein library. <i>Applied Microbiology and Biotechnology</i> , 2002, 58, 806-812.	3.6	31
12	Microarray analysis of antimicrobial resistance genes in <i>Salmonella enterica</i> from preharvest poultry environment. <i>Journal of Applied Microbiology</i> , 2009, 107, 906-914.	3.1	30
13	Prediction System for Rapid Identification of <i>Salmonella</i> Serotypes Based on Pulsed-Field Gel Electrophoresis Fingerprints. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1524-1532.	3.9	26
14	Data mining tools for <i>Salmonella</i> characterization: application to gel-based fingerprinting analysis. <i>BMC Bioinformatics</i> , 2013, 14, S15.	2.6	22
15	Meta-Analysis of Pulsed-Field Gel Electrophoresis Fingerprints Based on a Constructed <i>Salmonella</i> Database. <i>PLoS ONE</i> , 2013, 8, e59224.	2.5	18
16	Endocrine Disrupting Chemicals Mediated through Binding Androgen Receptor Are Associated with Diabetes Mellitus. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 25.	2.6	18
17	Detection of protein-protein interactions by a combination of a novel cytoplasmic membrane targeting system of recombinant proteins and fluorescence resonance energy transfer. <i>Applied Microbiology and Biotechnology</i> , 2006, 70, 451-457.	3.6	17
18	A novel procedure on next generation sequencing data analysis using text mining algorithm. <i>BMC Bioinformatics</i> , 2016, 17, 213.	2.6	16

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19	Structure-function study of the amino-terminal stretch of the catalase subunit molecule in oligomerization, heme binding, and activity expression. <i>Applied Microbiology and Biotechnology</i> , 2003, 61, 488-494.	3.6	15
20	Construction of a combinatorial protein library displayed on yeast cell surface using DNA random priming method. <i>Journal of Bioscience and Bioengineering</i> , 2001, 92, 393-396.	2.2	14
21	Mechanistic roles of microRNAs in hepatocarcinogenesis: A study of thioacetamide with multiple doses and time-points of rats. <i>Scientific Reports</i> , 2017, 7, 3054.	3.3	14
22	Cytochemical evaluation of localization and secretion of a heterologous enzyme displayed on yeast cell surface. <i>FEMS Microbiology Letters</i> , 2000, 192, 243-248.	1.8	12
23	Identification of Bicluster Regions in a Binary Matrix and Its Applications. <i>PLoS ONE</i> , 2013, 8, e71680.	2.5	12
24	Molecular regulation of miRNAs and potential biomarkers in the progression of hepatic steatosis to NASH. <i>Biomarkers in Medicine</i> , 2015, 9, 1189-1200.	1.4	12
25	Asymmetric author-topic model for knowledge discovering of big data in toxicogenomics. <i>Frontiers in Pharmacology</i> , 2015, 6, 81.	3.5	12
26	Differential gene expression in <i>Staphylococcus aureus</i> exposed to Orange II and Sudan III azo dyes. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 745-757.	3.0	9
27	Genetically Controlled Self-Aggregation of Cell-Surface-Engineered Yeast Responding to Glucose Concentration. <i>Applied and Environmental Microbiology</i> , 2001, 67, 2083-2087.	3.1	7
28	Biomarker identification from next-generation sequencing data for pathogen bacteria characterization and surveillance. <i>Biomarkers in Medicine</i> , 2015, 9, 1253-1264.	1.4	5
29	QUICK: Quality and Usability Investigation and Control Kit for Mass Spectrometric Data from Detection of Persistent Organic Pollutants. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4203.	2.6	5
30	Establishment of a simple system to analyse the molecular interaction in the agglutination of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2000, 16, 995-1000.	1.7	3
31	A Composite Model for Subgroup Identification and Prediction via Bicluster Analysis. <i>PLoS ONE</i> , 2014, 9, e111318.	2.5	3
32	Azoreductase in <i>Staphylococcus aureus</i> . , 2009, Chapter 4, Unit4.28.		2
33	Software-Assisted Pattern Recognition of Persistent Organic Pollutants in Contaminated Human and Animal Food. <i>Molecules</i> , 2021, 26, 685.	3.8	2
34	An Improved Biomedical Event Trigger Identification Framework via Modeling Document with Hierarchical Attention. , 2019, , .		1
35	Text Fingerprinting and Topic Mining in the Prescription Opioid Use Literature. , 2021, , .		1
36	Construction of a Combinatorial Protein Library Displayed on Yeast Cell Surface and Its Application to Molecular Breeding. <i>ACS Symposium Series</i> , 2002, , 220-233.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Best Setting of Model Parameters in Applying Topic Modeling on Textual Documents.. , 2017, , .		0
38	An end-to-end framework for biomedical event trigger identification with hierarchical attention and adaptive cost learning. International Journal of Data Mining and Bioinformatics, 2020, 23, 189.	0.1	0