

Yi Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

910
citations

567281

15
h-index

501196

28
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53
all docs

53
docs citations

53
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of metabolomics to identify serum biomarkers for hepatocellular carcinoma in patients with liver cirrhosis. <i>Analytica Chimica Acta</i> , 2012, 743, 90-100.	5.4	146
2	LC-MS Based Serum Metabolomics for Identification of Hepatocellular Carcinoma Biomarkers in Egyptian Cohort. <i>Journal of Proteome Research</i> , 2012, 11, 5914-5923.	3.7	116
3	The global prevalence and ethnic heterogeneity of primary ciliary dyskinesia gene variants: a genetic database analysis. <i>Lancet Respiratory Medicine</i> , 2022, 10, 459-468.	10.7	63
4	The effect of tDCS on functional connectivity in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2018, 19, 703-715.	2.7	57
5	LC-MS Profiling of N-Glycans Derived from Human Serum Samples for Biomarker Discovery in Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 4859-4868.	3.7	46
6	Metabolomic Characterization of Hepatocellular Carcinoma in Patients with Liver Cirrhosis for Biomarker Discovery. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 675-683.	2.5	40
7	Feasibility of Identifying the Tobacco-related Global Metabolome in Blood by UPLC-QTOF-MS. <i>Journal of Proteome Research</i> , 2013, 12, 679-691.	3.7	34
8	Brain volumes as predictors of tDCS effects in primary progressive aphasia. <i>Brain and Language</i> , 2020, 200, 104707.	1.6	31
9	Sparse principal component based high-dimensional mediation analysis. <i>Computational Statistics and Data Analysis</i> , 2020, 142, 106835.	1.2	30
10	Benefits of Airway Androgen Receptor Expression in Human Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 285-293.	5.6	26
11	Cognitive and language performance predicts effects of spelling intervention and tDCS in Primary Progressive Aphasia. <i>Cortex</i> , 2020, 124, 66-84.	2.4	22
12	White Matter Integrity Predicts Electrical Stimulation (tDCS) and Language Therapy Effects in Primary Progressive Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 44-57.	2.9	22
13	White matter changes with age utilizing quantitative diffusion MRI. <i>Neurology</i> , 2014, 83, 247-252.	1.1	21
14	Increased mirror overflow movements in ADHD are associated with altered EEG alpha/beta band desynchronization. <i>European Journal of Neuroscience</i> , 2020, 51, 1815-1826.	2.6	20
15	Identification of race-associated metabolite biomarkers for hepatocellular carcinoma in patients with liver cirrhosis and hepatitis C virus infection. <i>PLoS ONE</i> , 2018, 13, e0192748.	2.5	19
16	Covariate Assisted Principal regression for covariance matrix outcomes. <i>Biostatistics</i> , 2021, 22, 629-645.	1.5	17
17	Learning of skilled movements via imitation in ASD. <i>Autism Research</i> , 2020, 13, 777-784.	3.8	16
18	Gaussian process regression model for normalization of LC-MS data using scan-level information. <i>Proteome Science</i> , 2013, 11, S13.	1.7	15

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19	Global Brain Functional Network Connectivity in Infants With Prenatal Opioid Exposure. <i>Frontiers in Pediatrics</i> , 2022, 10, 847037.	1.9	15
20	Association of Plasma Tau With Mortality and Long-term Neurocognitive Impairment in Survivors of Pediatric Cerebral Malaria and Severe Malarial Anemia. <i>JAMA Network Open</i> , 2021, 4, e2138515.	5.9	13
21	Pathway Lasso: pathway estimation and selection with high-dimensional mediators. <i>Statistics and Its Interface</i> , 2022, 15, 39-50.	0.3	12
22	Ion annotation-assisted analysis of LC-MS based metabolomic experiment. <i>Proteome Science</i> , 2012, 10, S8.	1.7	11
23	Neuromarkers of the common angiotensinogen polymorphism in healthy older adults: A comprehensive assessment of white matter integrity and cognition. <i>Behavioural Brain Research</i> , 2016, 296, 85-93.	2.2	11
24	Evaluation of Metabolite Biomarkers for Hepatocellular Carcinoma through Stratified Analysis by Gender, Race, and Alcoholic Cirrhosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 64-72.	2.5	9
25	Granger Mediation Analysis of Multiple Time Series With an Application to Functional Magnetic Resonance Imaging. <i>Biometrics</i> , 2019, 75, 788-798.	1.4	9
26	Multimodal neuroimaging data integration and pathway analysis. <i>Biometrics</i> , 2021, 77, 879-889.	1.4	9
27	Distinct Patterns of Impaired Cognitive Control Among Boys and Girls with ADHD Across Development. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 835-848.	2.3	9
28	Thalamocortical functional connectivity in infants with prenatal opioid exposure correlates with severity of neonatal opioid withdrawal syndrome. <i>Neuroradiology</i> , 2022, 64, 1649-1659.	2.2	9
29	Evaluation of normalization methods for analysis of LC-MS data. , 2012, , .		7
30	Developmental trajectory of subtle motor signs in attention-deficit/hyperactivity disorder: A longitudinal study from childhood to adolescence. <i>Child Neuropsychology</i> , 2021, 27, 317-332.	1.3	7
31	Protein network construction using reverse phase protein array data. <i>Methods</i> , 2017, 124, 89-99.	3.8	5
32	A whole-brain modeling approach to identify individual and group variations in functional connectivity. <i>Brain and Behavior</i> , 2021, 11, e01942.	2.2	5
33	Beyond Massive Univariate Tests: Covariance Regression Reveals Complex Patterns of Functional Connectivity Related to Attention-Deficit/Hyperactivity Disorder, Age, Sex, and Response Control. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 8-16.	2.2	5
34	Somatic cell hemoglobin modulates nitrogen oxide metabolism in the human airway epithelium. <i>Scientific Reports</i> , 2021, 11, 15498.	3.3	5
35	Tau deposition and structural connectivity demonstrate differential association patterns with neurocognitive tests. <i>Brain Imaging and Behavior</i> , 2022, 16, 702-714.	2.1	5
36	Multimodal data integration via mediation analysis with high-dimensional exposures and mediators. <i>Human Brain Mapping</i> , 2022, 43, 2519-2533.	3.6	5

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37	A Treatment to Eliminate SARS-CoV-2 Replication in Human Airway Epithelial Cells Is Safe for Inhalation as an Aerosol in Healthy Human Subjects. <i>Respiratory Care</i> , 2021, 66, 113-119.	1.6	4
38	Genetic markers of cholesterol transport and gray matter diffusion: a preliminary study of the CETP I405V polymorphism. <i>Journal of Neural Transmission</i> , 2015, 122, 1581-1592.	2.8	3
39	“The effect of tDCS on functional connectivity in primary progressive aphasia” <i>NeuroImage: Clinical</i> , volume 19 (2018), pages 703-715. <i>NeuroImage: Clinical</i> , 2019, 22, 101734.	2.7	3
40	Semiparametric partial common principal component analysis for covariance matrices. <i>Biometrics</i> , 2021, 77, 1175-1186.	1.4	2
41	Principal regression for high dimensional covariance matrices. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.7	2
42	Robust estimation of heterogeneous treatment effects: an algorithm-based approach. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-18.	1.2	1
43	B-value and empirical equivalence bound: A new procedure of hypothesis testing. <i>Statistics in Medicine</i> , 2022, , .	1.6	1
44	Variability assessment of LC-MS experiments and its application to experimental design and difference detection. , 2012, , .		0
45	Network-based analysis of reverse phase protein array data. , 2016, , .		0
46	Abstract 2492: Targeted quantitation of candidate metabolic biomarkers for hepatocellular carcinoma.. , 2013, , .		0
47	The relation between baseline brain volumes and response to tDCS in individuals with Primary Progressive Aphasia. <i>Frontiers in Human Neuroscience</i> , 0, 12, .	2.0	0
48	Electrical stimulation of the left IFG improves category fluency in primary progressive aphasia: far-transfer effects and their neural mechanisms. <i>Frontiers in Human Neuroscience</i> , 0, 13, .	2.0	0
49	Regularized regression on compositional trees with application to MRI analysis. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 0, , .	1.0	0