Guangjian Liu

List of Publications by Year
in descending order

25 papers	633 citations	1040056 9 h-index	794594 19 g-index
26 all docs	26 docs citations	26 times ranked	1152 citing authors

#	Article	IF	Citations
1	Evaluation and accurate diagnoses of pediatric diseases using artificial intelligence. Nature Medicine, 2019, 25, 433-438.	30.7	386
2	Machine learning applications for prediction of relapse in childhood acute lymphoblastic leukemia. Scientific Reports, 2017, 7, 7402.	3.3	68
3	Molecular dynamics simulations elucidate conformational selection and induced fit mechanisms in the binding of PD-1 and PD-L1. Molecular BioSystems, 2017, 13, 892-900.	2.9	35
4	Development of Prediction Models Using Machine Learning Algorithms for Girls with Suspected Central Precocious Puberty: Retrospective Study. JMIR Medical Informatics, 2019, 7, e11728.	2.6	27
5	Developing a Machine Learning System for Identification of Severe Hand, Foot, and Mouth Disease from Electronic Medical Record Data. Scientific Reports, 2017, 7, 16341.	3.3	17
6	Accuracy Comparison Between Age-Adapted SOFA and SIRS in Predicting in-Hospital Mortality of Infected Children at China's PICU. Shock, 2019, 52, 347-352.	2.1	12
7	Unsupervised Hierarchical Clustering Identifies Immune Gene Subtypes in Gastric Cancer. Frontiers in Pharmacology, 2021, 12, 692454.	3.5	11
8	Mapping Paratope on Antithrombotic Antibody 6B4 to Epitope on Platelet Glycoprotein Ibalpha via Molecular Dynamic Simulations. PLoS ONE, 2012, 7, e42263.	2.5	11
9	Unsupervised Clustering Reveals Distinct Subtypes of Biliary Atresia Based on Immune Cell Types and Gene Expression. Frontiers in Immunology, 2021, 12, 720841.	4.8	10
10	Bioinformatics analysis of *CYP1B1* mutation hotspots in Chinese primary congenital glaucoma patients. Bioscience Reports, 2018, 38, .	2.4	9
11	Middle-term bowel function and quality of life in low-type anorectal malformation. Italian Journal of Pediatrics, 2019, 45, 98.	2.6	9
12	Machine Learning Algorithms Identify Pathogen-Specific Biomarkers of Clinical and Metabolomic Characteristics in Septic Patients with Bacterial Infections. BioMed Research International, 2020, 2020, 1-11.	1.9	9
13	Network analysis of autistic disease comorbidities in Chinese children based on ICD-10 codes. BMC Medical Informatics and Decision Making, 2020, 20, 268.	3.0	6
14	Investigating the Role of the N-Terminal Loop of PD-1 in Binding Process Between PD-1 and Nivolumab via Molecular Dynamics Simulation. Frontiers in Molecular Biosciences, 2020, 7, 574759.	3.5	6
15	Machine learning identifies girls with central precocious puberty based on multisource data. JAMIA Open, 2021, 3, 567-575.	2.0	5
16	In-hospital Mortality Prediction for ICU Patients on Large Healthcare MIMIC Datasets Using Class Imbalance Learning. , 2020, , .		4
17	A proposed artificial intelligence workflow to address application challenges leveraged on algorithm uncertainty. IScience, 2022, 25, 103961.	4.1	3
18	Characterization of the interactions of ADAMTS13 CUB1 domain to WT- and GOF-Spacer domain by molecular dynamics simulation. Journal of Molecular Graphics and Modelling, 2021, 109, 108029.	2.4	2

#	Article	IF	Citations
19	Establishment of an induced pluripotent stem cell model of Hirschsrpung disease, a congenital condition of the enteric nervous system, from a patient carrying a novel RET mutation. NeuroReport, 2018, 29, 975-980.	1.2	1
20	Insights into pathological mutations in insulin-like growth factor I through in silico screening and molecular dynamics simulation. Journal of Molecular Modeling, 2019, 25, 276.	1.8	1
21	Identifying the Key Residues Regulating the Binding between Antibody Avelumab and PD-L1 VIA Molecular Dynamics Simulation. , 2021, , .		1
22	Phenotype Prediction of Pathogenic Nonsynonymous Single Nucleotide Polymorphisms in Insulin with Bioinformatics Tools. , 2018, , .		0
23	Molecular Dynamics Simulation to Investigate the Blockade Mechanism of Anti-PD-1 Antibody Toripalimab. , 2021, , .		0
24	in Silico Analysis to Map Epitope to Paratope Residues of Anti-PD-L1 Antibody BMS-936559. , 2021, , .		0
25	Residues R1075, D1090, R1095, and C1130 Are Critical in ADAMTS13 TSP8-Spacer Interaction Predicted by Molecular Dynamics Simulation. Molecules, 2021, 26, 7525.	3.8	0