

# Guangjian Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A proposed artificial intelligence workflow to address application challenges leveraged on algorithm uncertainty. <i>IScience</i> , 2022, 25, 103961.	4.1	3
2	Identifying the Key Residues Regulating the Binding between Antibody Avelumab and PD-L1 VIA Molecular Dynamics Simulation. , 2021, , .		1
3	Molecular Dynamics Simulation to Investigate the Blockade Mechanism of Anti-PD-1 Antibody Toripalimab. , 2021, , .		0
4	Unsupervised Hierarchical Clustering Identifies Immune Gene Subtypes in Gastric Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 692454.	3.5	11
5	Unsupervised Clustering Reveals Distinct Subtypes of Biliary Atresia Based on Immune Cell Types and Gene Expression. <i>Frontiers in Immunology</i> , 2021, 12, 720841.	4.8	10
6	Characterization of the interactions of ADAMTS13 CUB1 domain to WT- and GOF-Spacer domain by molecular dynamics simulation. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 109, 108029.	2.4	2
7	Machine learning identifies girls with central precocious puberty based on multisource data. <i>JAMIA Open</i> , 2021, 3, 567-575.	2.0	5
8	in Silico Analysis to Map Epitope to Paratope Residues of Anti-PD-L1 Antibody BMS-936559. , 2021, , .		0
9	Residues R1075, D1090, R1095, and C1130 Are Critical in ADAMTS13 TSP8-Spacer Interaction Predicted by Molecular Dynamics Simulation. <i>Molecules</i> , 2021, 26, 7525.	3.8	0
10	Network analysis of autistic disease comorbidities in Chinese children based on ICD-10 codes. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 268.	3.0	6
11	Machine Learning Algorithms Identify Pathogen-Specific Biomarkers of Clinical and Metabolomic Characteristics in Septic Patients with Bacterial Infections. <i>BioMed Research International</i> , 2020, 1-11.	1.9	9
12	Investigating the Role of the N-Terminal Loop of PD-1 in Binding Process Between PD-1 and Nivolumab via Molecular Dynamics Simulation. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 574759.	3.5	6
13	In-hospital Mortality Prediction for ICU Patients on Large Healthcare MIMIC Datasets Using Class Imbalance Learning. , 2020, , .		4
14	Insights into pathological mutations in insulin-like growth factor I through in silico screening and molecular dynamics simulation. <i>Journal of Molecular Modeling</i> , 2019, 25, 276.	1.8	1
15	Middle-term bowel function and quality of life in low-type anorectal malformation. <i>Italian Journal of Pediatrics</i> , 2019, 45, 98.	2.6	9
16	Accuracy Comparison Between Age-Adapted SOFA and SIRS in Predicting in-Hospital Mortality of Infected Children at China's PICU. <i>Shock</i> , 2019, 52, 347-352.	2.1	12
17	Evaluation and accurate diagnoses of pediatric diseases using artificial intelligence. <i>Nature Medicine</i> , 2019, 25, 433-438.	30.7	386
18	Development of Prediction Models Using Machine Learning Algorithms for Girls with Suspected Central Precocious Puberty: Retrospective Study. <i>JMIR Medical Informatics</i> , 2019, 7, e11728.	2.6	27

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19	Establishment of an induced pluripotent stem cell model of Hirschsprung disease, a congenital condition of the enteric nervous system, from a patient carrying a novel RET mutation. <i>NeuroReport</i> , 2018, 29, 975-980.	1.2	1
20	Phenotype Prediction of Pathogenic Nonsynonymous Single Nucleotide Polymorphisms in Insulin with Bioinformatics Tools. , 2018, , .		0
21	Bioinformatics analysis of <i>CYP1B1</i> mutation hotspots in Chinese primary congenital glaucoma patients. <i>Bioscience Reports</i> , 2018, 38, .	2.4	9
22	Molecular dynamics simulations elucidate conformational selection and induced fit mechanisms in the binding of PD-1 and PD-L1. <i>Molecular BioSystems</i> , 2017, 13, 892-900.	2.9	35
23	Machine learning applications for prediction of relapse in childhood acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2017, 7, 7402.	3.3	68
24	Developing a Machine Learning System for Identification of Severe Hand, Foot, and Mouth Disease from Electronic Medical Record Data. <i>Scientific Reports</i> , 2017, 7, 16341.	3.3	17
25	Mapping Paratope on Antithrombotic Antibody 6B4 to Epitope on Platelet Glycoprotein Ibalpha via Molecular Dynamic Simulations. <i>PLoS ONE</i> , 2012, 7, e42263.	2.5	11