

Guangyu Wang

List of Publications by Year in descending order

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16
papers

2,187
citations

932766

10
h-index

839053

18
g-index

21
all docs

21
docs citations

21
times ranked

5003
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. <i>Cell</i> , 2020, 181, 1423-1433.e11.	13.5	638
2	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020, 586, 572-577.	13.7	630
3	Seroprevalence of immunoglobulin M and G antibodies against SARS-CoV-2 in China. <i>Nature Medicine</i> , 2020, 26, 1193-1195.	15.2	352
4	COVID-19 in early 2021: current status and looking forward. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 114.	7.1	191
5	Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. <i>Nature Biomedical Engineering</i> , 2021, 5, 533-545.	11.6	121
6	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. <i>Nature Biomedical Engineering</i> , 2021, 5, 509-521.	11.6	106
7	A cell-type deconvolution meta-analysis of whole blood EWAS reveals lineage-specific smoking-associated DNA methylation changes. <i>Nature Communications</i> , 2020, 11, 4779.	5.8	32
8	Aberrant TGF- β 1 signaling activation by MAF underlies pathological lens growth in high myopia. <i>Nature Communications</i> , 2021, 12, 2102.	5.8	31
9	Impaired lipid metabolism by age-dependent DNA methylation alterations accelerates aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4328-4336.	3.3	24
10	Explainable Dynamic Multimodal Variational Autoencoder for the Prediction of Patients With Suspected Central Precocious Puberty. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1362-1373.	3.9	8
11	Personnel protection strategy for healthcare workers in Wuhan during the COVID-19 epidemic. <i>Precision Clinical Medicine</i> , 2020, 3, 169-174.	1.3	7
12	EyeHealer: A large-scale anterior eye segment dataset with eye structure and lesion annotations. <i>Precision Clinical Medicine</i> , 2021, 4, 85-92.	1.3	6
13	AI based colorectal disease detection using real-time screening colonoscopy. <i>Precision Clinical Medicine</i> , 2021, 4, 109-118.	1.3	2
14	An Ambulatory Blood Pressure Monitor Mobile Health System for Early Warning for Stroke Risk: Longitudinal Observational Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e14926.	1.8	2
15	An Adversarial Collaborative-Learning Approach for Corneal Scar Segmentation with Ocular Anterior Segment Photography. , 2021, , .		0
16	Clinical longitudinal evaluation of COVID-19 patients and prediction of organ-specific recovery using artificial intelligence. <i>Precision Clinical Medicine</i> , 2021, 4, 62-69.	1.3	0