Guangyu Wang

List of Publications by Year in Descending Order

15 papers	1,181 citations	10 h-index	21 g-index
21 ext. papers	1,787 ext. citations	18.3 avg, IF	4.59 L-index

#	Paper	IF	Citations
15	Clinical longitudinal evaluation of COVID-19 patients and prediction of organ-specific recovery using artificial intelligence. *Precision Clinical Medicine*, **2021**, 4, 62-69	6.7	78
14	COVID-19 in early 2021: current status and looking forward. *Signal Transduction and Targeted Therapy*, **2021**, 6, 114	21	74
13	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. *Nature Biomedical Engineering*, **2021**, 5, 509-521	19	25
12	Aberrant TGF-β1 signaling activation by MAF underlies pathological lens growth in high myopia. *Nature Communications*, **2021**, 12, 2102	17.4	5
11	EyeHealer: A large-scale anterior eye segment dataset with eye structure and lesion annotations. *Precision Clinical Medicine*, **2021**, 4, 85-92	6.7	1
10	AI based colorectal disease detection using real-time screening colonoscopy. *Precision Clinical Medicine*, **2021**, 4, 109-118	6.7	
9	Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. *Nature Biomedical Engineering*, **2021**, 5, 533-545	19	16
8	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. *Cell*, **2020**, 181, 1423-1433.e11	56.2	314
7	Seroprevalence of immunoglobulin M and G antibodies against SARS-CoV-2 in China. *Nature Medicine*, **2020**, 26, 1193-1195	50.5	258
6	Impaired lipid metabolism by age-dependent DNA methylation alterations accelerates aging. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 4328-4336	11.5	17
5	Anterior Segment Eye Lesion Segmentation with Advanced Fusion Strategies and Auxiliary Tasks. *Lecture Notes in Computer Science*, **2020**, 656-664	0.9	2
4	Personnel protection strategy for healthcare workers in Wuhan during the COVID-19 epidemic. *Precision Clinical Medicine*, **2020**, 3, 169-174	6.7	4
3	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. *Nature*, **2020**, 586, 572-577	50.4	348
2	A cell-type deconvolution meta-analysis of whole blood EWAS reveals lineage-specific smoking-associated DNA methylation changes. *Nature Communications*, **2020**, 11, 4779	17.4	14
1	An Ambulatory Blood Pressure Monitor Mobile Health System for Early Warning for Stroke Risk: Longitudinal Observational Study. *JMIR MHealth and UHealth*, **2019**, 7, e14926	5.5	1