

# Cheng Li

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,875  
citations

304743

22  
h-index

254184

43  
g-index

47  
all docs

47  
docs citations

47  
times ranked

5880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad neutralization of SARS-CoV-2 variants by an inhalable bispecific single-domain antibody. <i>Cell</i> , 2022, 185, 1389-1401.e18.	28.9	82
2	Counter changes with changelessness: cope with SARS-CoV-2 immune evasion by targeting cryptic epitopes. , 2022, 1, 24-26.		1
3	Multi-View Mammographic Density Classification by Dilated and Attention-Guided Residual Learning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1003-1013.	3.0	38
4	Multi-label ocular disease classification with a dense correlation deep neural network. <i>Biomedical Signal Processing and Control</i> , 2021, 63, 102167.	5.7	32
5	Anti-PEG scFv corona ameliorates accelerated blood clearance phenomenon of PEGylated nanomedicines. <i>Journal of Controlled Release</i> , 2021, 330, 493-501.	9.9	24
6	Radiomics signature on CECT as a predictive factor for invasiveness of lung adenocarcinoma manifesting as subcentimeter ground glass nodules. <i>Scientific Reports</i> , 2021, 11, 3633.	3.3	10
7	Deciphering Protein Corona by scFv-Based Affinity Chromatography. <i>Nano Letters</i> , 2021, 21, 2124-2131.	9.1	28
8	Enhancement versus neutralization by SARS-CoV-2 antibodies from a convalescent donor associates with distinct epitopes on the RBD. <i>Cell Reports</i> , 2021, 34, 108699.	6.4	110
9	The impact of receptor-binding domain natural mutations on antibody recognition of SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 132.	17.1	29
10	Chemokine Receptor 2 (CXCR2) Gene Polymorphisms and Their Association with the Risk of Developing Peri-Implantitis in Chinese Han Population. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1625-1631.	3.5	1
11	Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie</i> , 2021, 133, 13014-13020.	2.0	2
12	Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12904-12910.	13.8	49
13	Self-speculation of clinical features based on knowledge distillation for accurate ocular disease classification. <i>Biomedical Signal Processing and Control</i> , 2021, 67, 102491.	5.7	13
14	Antibody Cocktail Exhibits Broad Neutralization Activity Against SARS-CoV-2 and SARS-CoV-2 Variants. <i>Virologica Sinica</i> , 2021, 36, 934-947.	3.0	12
15	Betulinic acid promotes the osteogenic differentiation of human periodontal ligament stem cells by upregulating EGR1. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1266-1276.	2.0	3
16	A Coarse-to-Fine Deformable Transformation Framework for Unsupervised Multi-Contrast MR Image Registration with Dual Consistency Constraint. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2589-2599.	8.9	35
17	Annotation-efficient deep learning for automatic medical image segmentation. <i>Nature Communications</i> , 2021, 12, 5915.	12.8	59
18	A non-ACE2 competing human single-domain antibody confers broad neutralization against SARS-CoV-2 and circulating variants. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 378.	17.1	26

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19	Facile Separation of PEGylated Liposomes Enabled by Anti-PEG scFv. <i>Nano Letters</i> , 2021, 21, 10107-10113.	9.1	12
20	A Computed Tomography-Derived Radiomics Approach for Predicting Uncommon EGFR Mutation in Patients With NSCLC. <i>Frontiers in Oncology</i> , 2021, 11, 722106.	2.8	2
21	AUNet: attention-guided dense-upsampling networks for breast mass segmentation in whole mammograms. <i>Physics in Medicine and Biology</i> , 2020, 65, 055005.	3.0	89
22	Contrast medium administration with a body surface area protocol in step-and-shoot coronary computed tomography angiography with dual-source scanners. <i>Scientific Reports</i> , 2020, 10, 16690.	3.3	2
23	Image quality and clinical usefulness of automatic tube current modulation technology in female chest computed tomography screening. <i>Medicine (United States)</i> , 2020, 99, e21719.	1.0	0
24	Deep Mining of Human Antibody Repertoires: Concepts, Methodologies, and Applications. <i>Small Methods</i> , 2020, 4, 2000451.	8.6	5
25	Identification of Human Single-Domain Antibodies against SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 27, 891-898.e5.	11.0	227
26	Radiomics for lung adenocarcinoma manifesting as pure ground-glass nodules: invasive prediction. <i>European Radiology</i> , 2020, 30, 3650-3659.	4.5	78
27	Human-IgG-Neutralizing Monoclonal Antibodies Block the SARS-CoV-2 Infection. <i>Cell Reports</i> , 2020, 32, 107918.	6.4	148
28	Potent binding of 2019 novel coronavirus spike protein by a SARS coronavirus-specific human monoclonal antibody. <i>Emerging Microbes and Infections</i> , 2020, 9, 382-385.	6.5	1,086
29	Coronary Computed Tomography (CT) Angiography Characteristics of High-Risk Plaque: Correlation with Stress Myocardial Perfusion Imaging in Patients with Moderate Coronary Stenosis. <i>Medical Science Monitor</i> , 2020, 26, e920950.	1.1	1
30	Convolution kernel and iterative reconstruction affect the diagnostic performance of radiomics and deep learning in lung adenocarcinoma pathological subtypes. <i>Thoracic Cancer</i> , 2019, 10, 1893-1903.	1.9	19
31	Analysis of CT morphologic features and attenuation for differentiating among transient lesions, atypical adenomatous hyperplasia, adenocarcinoma in situ, minimally invasive and invasive adenocarcinoma presenting as pure ground-glass nodules. <i>Scientific Reports</i> , 2019, 9, 14586.	3.3	17
32	Development and validation of a radiomics nomogram for identifying invasiveness of pulmonary adenocarcinomas appearing as subcentimeter ground-glass opacity nodules. <i>European Journal of Radiology</i> , 2019, 112, 161-168.	2.6	54
33	Toward automatic prediction of EGFR mutation status in pulmonary adenocarcinoma with 3D deep learning. <i>Cancer Medicine</i> , 2019, 8, 3532-3543.	2.8	87
34	Anti-Drift in Electronic Nose via Dimensionality Reduction: A Discriminative Subspace Projection Approach. <i>IEEE Access</i> , 2019, 7, 170087-170095.	4.2	17
35	Core gene insertion in hepatitis B virus genotype G functions at both the encoded amino acid sequence and RNA structure levels to stimulate core protein expression. <i>Virology</i> , 2019, 526, 203-213.	2.4	6
36	The Potential of Radiomics Nomogram in Non-invasively Prediction of Epidermal Growth Factor Receptor Mutation Status and Subtypes in Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 1485.	2.8	36

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37	Learning Cross-Modal Deep Representations for Multi-Modal MR Image Segmentation. Lecture Notes in Computer Science, 2019, , 57-65.	1.3	34
38	X-Net: Brain Stroke Lesion Segmentation Based on Depthwise Separable Convolution and Long-Range Dependencies. Lecture Notes in Computer Science, 2019, , 247-255.	1.3	69
39	CLCI-Net: Cross-Level Fusion and Context Inference Networks for Lesion Segmentation of Chronic Stroke. Lecture Notes in Computer Science, 2019, , 266-274.	1.3	38
40	Use of contrast-enhanced computed tomographic imaging to diagnose and evaluate Behçet's disease with vascular complications. Experimental and Therapeutic Medicine, 2019, 18, 4265-4272.	1.8	4
41	miR-145-5p Inhibits Vascular Smooth Muscle Cells (VSMCs) Proliferation and Migration by Dysregulating the Transforming Growth Factor- $\beta$ Signaling Cascade. Medical Science Monitor, 2018, 24, 4894-4904.	1.1	18
42	3D Deep Learning from CT Scans Predicts Tumor Invasiveness of Subcentimeter Pulmonary Adenocarcinomas. Cancer Research, 2018, 78, 6881-6889.	0.9	150
43	A Radiomics Approach With CNN for Shear-Wave Elastography Breast Tumor Classification. IEEE Transactions on Biomedical Engineering, 2018, 65, 1935-1942.	4.2	110
44	Evaluation of a High Concentrated Contrast Media Injection Protocol in Combination with Low Tube Current for Dose Reduction in Coronary Computed Tomography Angiography. Academic Radiology, 2017, 24, 1482-1490.	2.5	5
45	The Envelope Gene of Hepatitis B Virus Is Implicated in Both Differential Virion Secretion and Genome Replication Capacities between Genotype B and Genotype C Isolates. Viruses, 2017, 9, 62.	3.3	6