Wei Qian

List of Publications by Year
in descending order

28	1,099	430442	525886
papers	citations	18 h-index	27 g-index

28	28	28	1549
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Content-based image retrieval with a Convolutional Siamese Neural Network: Distinguishing lung cancer and tuberculosis in CT images. Computers in Biology and Medicine, 2022, 140, 105096.	3.9	23
2	Functional Brain Connections Identify Sensorineural Hearing Loss and Predict the Outcome of Cochlear Implantation. Frontiers in Computational Neuroscience, 2022, 16, 825160.	1.2	4
3	Predictive Radiomic Models for the Chemotherapy Response in Non-Small-Cell Lung Cancer based on Computerized-Tomography Images. Frontiers in Oncology, 2021, 11, 646190.	1.3	12
4	A vision transformer for emphysema classification using CT images. Physics in Medicine and Biology, 2021, 66, 245016.	1.6	30
5	Development of a Deep Learning Model to Identify Lymph Node Metastasis on Magnetic Resonance Imaging in Patients With Cervical Cancer. JAMA Network Open, 2020, 3, e2011625.	2.8	51
6	Decoding and Systematization of Medical Imaging Features of Multiple Human Malignancies. Radiology Imaging Cancer, 2020, 2, e190079.	0.7	5
7	A radiomics signature to identify malignant and benign liver tumors on plain CT images. Journal of X-Ray Science and Technology, 2020, 28, 683-694.	0.7	6
8	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. Theranostics, 2020, 10, 7231-7244.	4.6	84
9	Identification of COPD From Multi-View Snapshots of 3D Lung Airway Tree via Deep CNN. IEEE Access, 2020, 8, 38907-38919.	2.6	30
10	Deep CNN Model Using CT Radiomics Feature Mapping Recognizes EGFR Gene Mutation Status of Lung Adenocarcinoma. Frontiers in Oncology, 2020, 10, 598721.	1.3	26
11	Morphology-based classification of mycobacteria-infected macrophages with convolutional neural network: reveal EsxA-induced morphologic changes indistinguishable by naked eyes. Translational Research, 2019, 212, 1-13.	2.2	6
12	Structural and functional alterations of the tracheobronchial tree after left upper pulmonary lobectomy for lung cancer. BioMedical Engineering OnLine, 2019, 18, 105.	1.3	27
13	Detection and Classification of Pulmonary Nodules Using Convolutional Neural Networks: A Survey. IEEE Access, 2019, 7, 78075-78091.	2.6	82
14	Fast and fully-automated detection and segmentation of pulmonary nodules in thoracic CT scans using deep convolutional neural networks. Computerized Medical Imaging and Graphics, 2019, 74, 25-36.	3.5	105
15	Ensemble Learning of Multiple-View 3D-CNNs Model for Micro-Nodules Identification in CT Images. IEEE Access, 2019, 7, 5564-5576.	2.6	30
16	Airflow in Tracheobronchial Tree of Subjects with Tracheal Bronchus Simulated Using CT Image Based Models and CFD Method. Journal of Medical Systems, 2018, 42, 65.	2.2	17
17	A new near-term breast cancer risk prediction scheme based on the quantitative analysis of ipsilateral view mammograms. Computer Methods and Programs in Biomedicine, 2018, 155, 29-38.	2.6	7
18	Particle Disposition in the Realistic Airway Tree Models of Subjects with Tracheal Bronchus and COPD. BioMed Research International, 2018, 2018, 1-15.	0.9	8

#	Article	IF	Citations
19	Hybrid algorithm based on radial symmetry and weighted least-square ellipse fitting for three-dimensional nanometer particle localization. Journal of Biomedical Optics, 2018, 23, 1.	1.4	0
20	Automatic feature learning using multichannel ROI based on deep structured algorithms for computerized lung cancer diagnosis. Computers in Biology and Medicine, 2017, 89, 530-539.	3.9	162
21	Enhancing deep convolutional neural network scheme for breast cancer diagnosis with unlabeled data. Computerized Medical Imaging and Graphics, 2017, 57, 4-9.	3.5	198
22	Transient Dynamics Simulation of Airflow in a CT-Scanned Human Airway Tree: More or Fewer Terminal Bronchi?. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-14.	0.7	25
23	Computerized breast cancer analysis system using three stage semi-supervised learning method. Computer Methods and Programs in Biomedicine, 2016, 135, 77-88.	2.6	28
24	SIMULATION ANALYSIS OF DEFORMATION AND STRESS OF TRACHEAL AND MAIN BROCHIAL WALL FOR SUBJECTS WITH LEFT PULMONARY ARTERY SLING. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540053.	0.3	7
25	Using multiscale texture and density features for near-term breast cancer risk analysis. Medical Physics, 2015, 42, 2853-2862.	1.6	36
26	Preferential Autoimmune Response in Prostate Cancer to Cyclin B1 in a Panel of Tumor-Associated Antigens. Journal of Immunology Research, 2014, 2014, 1-9.	0.9	28
27	Prediction of near-term risk of developing breast cancer using computerized features from bilateral mammograms. Computerized Medical Imaging and Graphics, 2014, 38, 348-357.	3.5	27
28	Mini-array of multiple tumor-associated antigens (TAAs) in the immunodiagnosis of breast cancer. Oncology Letters, 2013, 5, 663-668.	0.8	35