Yi Luo

List of Publications by Year
in descending order

24 papers	736 citations	567281 15 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1113 citing authors

#	Article	IF	Citations
1	Improved prediction of radiation pneumonitis by combining biological and radiobiological parameters using a data-driven Bayesian network analysis. Translational Oncology, 2022, 21, 101428.	3.7	6
2	Rural-Urban Differences in Breast Cancer Stage at Diagnosis. Women S Health Reports, 2022, 3, 207-214.	0.8	6
3	A situational awareness Bayesian network approach for accurate and credible personalized adaptive radiotherapy outcomes prediction in lung cancer patients. Physica Medica, 2021, 87, 11-23.	0.7	9
4	NaÃ¯ve Bayesian network-based contribution analysis of tumor biology and healthcare factors to racial disparity in breast cancer stage-at-diagnosis. Health Information Science and Systems, 2021, 9, 35.	5.2	3
5	Machine Learning and Imaging Informatics in Oncology. Oncology, 2020, 98, 344-362.	1.9	40
6	Machine learning for radiation outcome modeling and prediction. Medical Physics, 2020, 47, e178-e184.	3.0	25
7	Balancing accuracy and interpretability of machine learning approaches for radiation treatment outcomes modeling. BJR|Open, 2019, 1, 20190021.	0.6	45
8	Combining handcrafted features with latent variables in machine learning for prediction of radiationâ€induced lung damage. Medical Physics, 2019, 46, 2497-2511.	3.0	38
9	Association of ACE2 genetic polymorphisms with hypertension-related target organ damages in south Xinjiang. Hypertension Research, 2019, 42, 681-689.	2.7	77
10	Artificial Neural Network With Composite Architectures for Prediction of Local Control in Radiotherapy. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 242-249.	3.7	15
11	Development of a Fully Cross-Validated Bayesian Network Approach for Local Control Prediction in Lung Cancer. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 232-241.	3.7	42
12	Negative lymph node at station 108 is a strong predictor of overall survival in esophageal cancer. Oncology Letters, 2018, 16, 6705-6712.	1.8	2
13	Pattern of lymph node metastasis in thoracic esophageal squamous cell carcinoma with poor differentiation. Molecular and Clinical Oncology, 2018, 8, 760-766.	1.0	3
14	The Role of Machine Learning in Knowledge-Based Response-Adapted Radiotherapy. Frontiers in Oncology, 2018, 8, 266.	2.8	30
15	A multiobjective Bayesian networks approach for joint prediction of tumor local control and radiation pneumonitis in nonsmallâ€cell lung cancer (<scp>NSCLC</scp>) for responseâ€adapted radiotherapy. Medical Physics, 2018, 45, 3980-3995.	3.0	43
16	Unraveling biophysical interactions of radiation pneumonitis in non-small-cell lung cancer via Bayesian network analysis. Radiotherapy and Oncology, 2017, 123, 85-92.	0.6	50
17	Using Game Theory to Resolve the â€œChicken and Eggâ€•Situation in Promoting Cellulosic Bioenergy Development. Ecological Economics, 2017, 135, 29-41.	5.7	10
18	Deep reinforcement learning for automated radiation adaptation in lung cancer. Medical Physics, 2017, 44, 6690-6705.	3.0	161

#	Article	IF	Citations
19	Radiogenomics and radiotherapy response modeling. Physics in Medicine and Biology, 2017, 62, R179-R206.	3.0	43
20	Influence of negative lymph node in No 7 on survival of patients with middle thoracic esophageal squamous cell carcinoma. OncoTargets and Therapy, 2016, 9, 1831.	2.0	1
21	A fictitious playâ€based response strategy for multistage intrusion defense systems. Security and Communication Networks, 2014, 7, 473-491.	1.5	8
22	Incorporating risk seeking attitude into defense strategy. Reliability Engineering and System Safety, 2014, 123, 104-109.	8.9	3
23	A game theory analysis of market incentives for US switchgrass ethanol. Ecological Economics, 2013, 93, 42-56.	5.7	23
24	Integration of production sequencing and outbound logistics in the automotive industry. International Journal of Production Economics, 2008, 113, 766-774.	8.9	22