

Yi Luo

List of Publications by Year in descending order

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Version: 2024-02-01

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	Deep reinforcement learning for automated radiation adaptation in lung cancer. <i>Medical Physics</i> , 2017, 44, 6690-6705.	3.0	161
2	Association of ACE2 genetic polymorphisms with hypertension-related target organ damages in south Xinjiang. <i>Hypertension Research</i> , 2019, 42, 681-689.	2.7	77
3	Unraveling biophysical interactions of radiation pneumonitis in non-small-cell lung cancer via Bayesian network analysis. <i>Radiotherapy and Oncology</i> , 2017, 123, 85-92.	0.6	50
4	Balancing accuracy and interpretability of machine learning approaches for radiation treatment outcomes modeling. <i>BJR Open</i> , 2019, 1, 20190021.	0.6	45
5	Radiogenomics and radiotherapy response modeling. <i>Physics in Medicine and Biology</i> , 2017, 62, R179-R206.	3.0	43
6	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. <i>Medical Physics</i> , 2018, 45, 3980-3995.	3.0	43
7	Development of a Fully Cross-Validated Bayesian Network Approach for Local Control Prediction in Lung Cancer. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 232-241.	3.7	42
8	Machine Learning and Imaging Informatics in Oncology. <i>Oncology</i> , 2020, 98, 344-362.	1.9	40
9	Combining handcrafted features with latent variables in machine learning for prediction of radiationâ€induced lung damage. <i>Medical Physics</i> , 2019, 46, 2497-2511.	3.0	38
10	The Role of Machine Learning in Knowledge-Based Response-Adapted Radiotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 266.	2.8	30
11	Machine learning for radiation outcome modeling and prediction. <i>Medical Physics</i> , 2020, 47, e178-e184.	3.0	25
12	A game theory analysis of market incentives for US switchgrass ethanol. <i>Ecological Economics</i> , 2013, 93, 42-56.	5.7	23
13	Integration of production sequencing and outbound logistics in the automotive industry. <i>International Journal of Production Economics</i> , 2008, 113, 766-774.	8.9	22
14	Artificial Neural Network With Composite Architectures for Prediction of Local Control in Radiotherapy. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 242-249.	3.7	15
15	Using Game Theory to Resolve the â€Chicken and Eggâ€Situation in Promoting Cellulosic Bioenergy Development. <i>Ecological Economics</i> , 2017, 135, 29-41.	5.7	10
16	A situational awareness Bayesian network approach for accurate and credible personalized adaptive radiotherapy outcomes prediction in lung cancer patients. <i>Physica Medica</i> , 2021, 87, 11-23.	0.7	9
17	A fictitious playâ€based response strategy for multistage intrusion defense systems. <i>Security and Communication Networks</i> , 2014, 7, 473-491.	1.5	8
18	Improved prediction of radiation pneumonitis by combining biological and radiobiological parameters using a data-driven Bayesian network analysis. <i>Translational Oncology</i> , 2022, 21, 101428.	3.7	6

#	ARTICLE	IF	CITATIONS
19	Rural-Urban Differences in Breast Cancer Stage at Diagnosis. <i>Women S Health Reports</i> , 2022, 3, 207-214.	0.8	6
20	Incorporating risk seeking attitude into defense strategy. <i>Reliability Engineering and System Safety</i> , 2014, 123, 104-109.	8.9	3
21	Pattern of lymph node metastasis in thoracic esophageal squamous cell carcinoma with poor differentiation. <i>Molecular and Clinical Oncology</i> , 2018, 8, 760-766.	1.0	3
22	Naïve Bayesian network-based contribution analysis of tumor biology and healthcare factors to racial disparity in breast cancer stage-at-diagnosis. <i>Health Information Science and Systems</i> , 2021, 9, 35.	5.2	3
23	Negative lymph node at station 108 is a strong predictor of overall survival in esophageal cancer. <i>Oncology Letters</i> , 2018, 16, 6705-6712.	1.8	2
24	Influence of negative lymph node in No 7 on survival of patients with middle thoracic esophageal squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2016, 9, 1831.	2.0	1