

# Yaorong Ge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6977366/publications.pdf>

Version: 2024-02-01

44  
papers

1,708  
citations

394421

19  
h-index

302126

39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Social Media to Understand Web-Based Social Factors Concerning Obesity: Systematic Review. JMIR Public Health and Surveillance, 2022, 8, e25552.	2.6	9
2	A Novel Machine Learning Framework for Comparison of Viral COVID-19-Related Sina Weibo and Twitter Posts: Workflow Development and Content Analysis. Journal of Medical Internet Research, 2021, 23, e24889.	4.3	8
3	Assessing the robustness of artificial intelligence powered planning tools in radiotherapy clinical settings—a phantom simulation approach. Quantitative Imaging in Medicine and Surgery, 2021, 11, 0-0.	2.0	1
4	Artificial intelligence applications in intensity modulated radiation treatment planning: an overview. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4859-4880.	2.0	9
5	A Multimodality Machine Learning Approach to Differentiate Severe and Nonsevere COVID-19: Model Development and Validation. Journal of Medical Internet Research, 2021, 23, e23948.	4.3	27
6	Deep Learning-Based Fluence Map Prediction for Pancreas Stereotactic Body Radiation Therapy With Simultaneous Integrated Boost. Advances in Radiation Oncology, 2021, 6, 100672.	1.2	16
7	Accurately Differentiating Between Patients With COVID-19, Patients With Other Viral Infections, and Healthy Individuals: Multimodal Late Fusion Learning Approach. Journal of Medical Internet Research, 2021, 23, e25535.	4.3	30
8	A Multiple Feature Category Data Mining and Machine Learning Approach to Characterize and Detect Health Misinformation on Social Media. IEEE Internet Computing, 2021, 25, 43-51.	3.3	7
9	Self-supervised extractive text summarization for biomedical literatures. , 2021, , .		2
10	Transfer learning for fluence map prediction in adrenal stereotactic body radiation therapy. Physics in Medicine and Biology, 2021, 66, .	3.0	5
11	Fluence Map Prediction Using Deep Learning Models – Direct Plan Generation for Pancreas Stereotactic Body Radiation Therapy. Frontiers in Artificial Intelligence, 2020, 3, 68.	3.4	29
12	Knowledge Models as Teaching Aid for Training Intensity Modulated Radiation Therapy Planning: A Lung Cancer Case Study. Frontiers in Artificial Intelligence, 2020, 3, 66.	3.4	3
13	Contrasting Misinformation and Real-Information Dissemination Network Structures on Social Media During a Health Emergency. American Journal of Public Health, 2020, 110, S340-S347.	2.7	17
14	Identifying Influential Factors in the Discussion Dynamics of Emerging Health Issues on Social Media: Computational Study. JMIR Public Health and Surveillance, 2020, 6, e17175.	2.6	14
15	A deep-learning based system for accurate extraction of blood pressure data in clinical narratives. AMIA Summits on Translational Science Proceedings, 2020, 2020, 703-709.	0.4	0
16	Knowledge-Based Statistical Inference Method for Plan Quality Quantification. Technology in Cancer Research and Treatment, 2019, 18, 153303381985775.	1.9	10
17	Automatic Planning of Whole Breast Radiation Therapy Using Machine Learning Models. Frontiers in Oncology, 2019, 9, 750.	2.8	22
18	Modeling of multiple planning target volumes for head and neck treatments in knowledge-based treatment planning. Medical Physics, 2019, 46, 3812-3822.	3.0	15

#	ARTICLE	IF	CITATIONS
19	Knowledge-based planning for intensity-modulated radiation therapy: A review of data-driven approaches. <i>Medical Physics</i> , 2019, 46, 2760-2775.	3.0	140
20	An Association-Based Intrinsic Quality Index for Healthcare Dataset Ranking. , 2019, , .		0
21	CASMI—An Entropic Feature Selection Method in Turing’s Perspective. <i>Entropy</i> , 2019, 21, 1179.	2.2	1
22	Incorporating Case-Based Reasoning for Radiation Therapy Knowledge Modeling: A Pelvic Case Study. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381987478.	1.9	2
23	Developing a healthcare dataset information resource (DIR) based on Semantic Web. <i>BMC Medical Genomics</i> , 2018, 11, 102.	1.5	3
24	Machine learning and modeling: Data, validation, communication challenges. <i>Medical Physics</i> , 2018, 45, e834-e840.	3.0	67
25	An Ensemble Approach to Knowledge-Based Intensity-Modulated Radiation Therapy Planning. <i>Frontiers in Oncology</i> , 2018, 8, 57.	2.8	30
26	Temporal lobe injury patterns following intensity modulated radiotherapy in a large cohort of nasopharyngeal carcinoma patients. <i>Oral Oncology</i> , 2018, 85, 8-14.	1.5	19
27	CORONARY ARTERY STRUCTURAL REMODELING BY COMPUTED TOMOGRAPHY AND ECHOCARDIOGRAPHIC LEFT VENTRICULAR MASS CHANGES OVER THE NEXT 5 YEARS: THE CORONARY ARTERY RISK DEVELOPMENT IN YOUNG ADULTS (CARDIA) STUDY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1604.	2.8	1
28	Outlier identification in radiation therapy knowledge-based planning: A study of pelvic cases. <i>Medical Physics</i> , 2017, 44, 5617-5626.	3.0	20
29	DIR — A semantic information resource for healthcare datasets. , 2017, , .		2
30	Diagnostic Value of Coronary Artery Calcium Score for Cardiovascular Disease in African Americans: The Jackson Heart Study. <i>British Journal of Medicine and Medical Research</i> , 2016, 11, 1-9.	0.2	24
31	Prevalence of Inflammatory Bowel Disease Among Patients with Autism Spectrum Disorders. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	33
32	Association of circulating sclerostin with vascular calcification in Afro-Caribbean men. <i>Atherosclerosis</i> , 2015, 239, 218-223.	0.8	23
33	Incorporating single-side sparing in models for predicting parotid dose sparing in head and neck IMRT. <i>Medical Physics</i> , 2014, 41, 021728.	3.0	22
34	Scalable Collaborative Infrastructure for a Learning Healthcare System (SCILHS): Architecture. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 615-620.	4.4	76
35	Comorbidity Clusters in Autism Spectrum Disorders: An Electronic Health Record Time-Series Analysis. <i>Pediatrics</i> , 2014, 133, e54-e63.	2.1	302
36	Cerebral White Matter Hyperintensity in African Americans and European Americans with Type 2 Diabetes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, e46-e52.	1.6	18

#	ARTICLE	IF	CITATIONS
37	Modeling the dosimetry of organâ€atâ€risk in head and neck IMRT planning: An intertechnique and interinstitutional study. Medical Physics, 2013, 40, 121704.	3.0	85
38	Quantitative analysis of the factors which affect the interpatient organâ€atâ€risk dose sparing variation in IMRT plans. Medical Physics, 2012, 39, 6868-6878.	3.0	227
39	A planning quality evaluation tool for prostate adaptive IMRT based on machine learning. Medical Physics, 2011, 38, 719-726.	3.0	274
40	Response to â€œComment on â€A planning quality evaluation tool for prostate adaptive IMRT based on machine learningâ€™â€™[Med. Phys. 38, 719 (2011)]. Medical Physics, 2011, 38, 2821-2821.	3.0	8
41	Minimum reliable scale selection in 3D. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 481-487.	13.9	5
42	Segmentation in virtual colonoscopy using a geometric deformable model. Computerized Medical Imaging and Graphics, 2006, 30, 17-30.	5.8	16
43	Computing the Centerline of a Colon: A Robust and Efficient Method Based on 3D Skeletons. Journal of Computer Assisted Tomography, 1999, 23, 786-794.	0.9	49
44	Retrospective Registration of PET and MR Brain Images. Journal of Computer Assisted Tomography, 1994, 18, 800-810.	0.9	24