

# Yu Kuang

## List of Publications by Year in descending order

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22  
papers

545  
citations

1039406

9  
h-index

794141

19  
g-index

22  
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22  
docs citations

22  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Measurement of Agatston Score Using kVp-Independent Reconstruction Algorithm for Ultra-High-Pitch Sn150 kVp CT. Korean Journal of Radiology, 2021, 22, 1777.	1.5	0
2	A COVID-19 risk score combining chest CT radiomics and clinical characteristics to differentiate COVID-19 pneumonia from other viral pneumonias. Aging, 2021, 13, 9186-9224.	1.4	11
3	Dosimetric comparisons of different hypofractionated stereotactic radiotherapy techniques in treating intracranial tumors > 3 cm in longest diameter. Journal of Neurosurgery, 2020, 132, 1024-1032.	0.9	21
4	Monte Carlo computer simulation of a camera system for proton beam range verification in cancer treatment. Future Generation Computer Systems, 2020, 102, 978-991.	4.9	5
5	An On-Board Spectral-CT/CBCT/SPECT Imaging Configuration for Small-Animal Radiation Therapy Platform: A Monte Carlo Study. IEEE Transactions on Medical Imaging, 2020, 39, 588-600.	5.4	6
6	A Monte Carlo study to investigate the feasibility of an on-board SPECT/spectral-CT/CBCT imager for medical linear accelerator. Medical Physics, 2020, 47, 5112-5122.	1.6	6
7	Associations between obesity and metabolic health with nonalcoholic fatty liver disease in elderly Chinese. Hepatobiliary and Pancreatic Diseases International, 2020, 19, 252-257.	0.6	6
8	The impact of respiratory motion and CT pitch on the robustness of radiomics feature extraction in 4DCT lung imaging. Computer Methods and Programs in Biomedicine, 2020, 197, 105719.	2.6	9
9	Elevated serum IL-21 levels are associated with stable immune status in kidney transplant recipients and a mouse model of kidney transplantation. Aging, 2020, 12, 18396-18414.	1.4	4
10	Sub-region based radiomics analysis for survival prediction in oesophageal tumours treated by definitive concurrent chemoradiotherapy. EBioMedicine, 2019, 44, 289-297.	2.7	58
11	Potential of Gd-EOB-DTPA as an imaging biomarker for liver injury estimation after radiation therapy. Hepatobiliary and Pancreatic Diseases International, 2019, 18, 354-359.	0.6	8
12	A Combined Nomogram Model to Preoperatively Predict Histologic Grade in Pancreatic Neuroendocrine Tumors. Clinical Cancer Research, 2019, 25, 584-594.	3.2	142
13	A Novel Deep Learning Framework for Internal Gross Target Volume Definition From 4D Computed Tomography of Lung Cancer Patients. IEEE Access, 2018, 6, 37775-37783.	2.6	13
14	Variations of quantitative perfusion measurement on dynamic contrast enhanced CT for colorectal cancer: implication of standardized image protocol. Physics in Medicine and Biology, 2018, 63, 165009.	1.6	6
15	Dosimetric feasibility of 4DCT-ventilation imaging guided proton therapy for locally advanced non-small-cell lung cancer. Radiation Oncology, 2018, 13, 78.	1.2	9
16	Statistical image-domain multimaterial decomposition for dual-energy CT. Medical Physics, 2017, 44, 886-901.	1.6	44
17	Advances in Neural Engineering for Rehabilitation. Behavioural Neurology, 2017, 2017, 1-2.	1.1	1
18	Broadband detection of dynamic acoustic emission process induced by 6 MV therapeutic X-ray beam from a clinical linear accelerator. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Detection of scatters motion induced by mechanical vibrator using 7-chip barker-coded excitation. , 2014, , .		2
20	First Demonstration of Multiplexed X-Ray Fluorescence Computed Tomography (XFCT) Imaging. IEEE Transactions on Medical Imaging, 2013, 32, 262-267.	5.4	79
21	Development of XFCT imaging strategy for monitoring the spatial distribution of platinum-based chemodrugs: Instrumentation and phantom validation. Medical Physics, 2013, 40, 030701.	1.6	33
22	Investigation of X-ray Fluorescence Computed Tomography (XFCT) and K-Edge Imaging. IEEE Transactions on Medical Imaging, 2012, 31, 1620-1627.	5.4	81