

# John Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9055797/publications.pdf>

Version: 2024-02-01

15  
papers

358  
citations

1163065

8  
h-index

996954

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Approaches for Predicting Radiation Therapy Outcomes: A Clinician's Perspective. International Journal of Radiation Oncology Biology Physics, 2015, 93, 1127-1135.	0.8	153
2	Machine Learning and Radiogenomics: Lessons Learned and Future Directions. Frontiers in Oncology, 2018, 8, 228.	2.8	54
3	Response of an actin filament network model under cyclic stretching through a coarse grained Monte Carlo approach. Journal of Theoretical Biology, 2011, 274, 109-119.	1.7	39
4	Cervical cancer outcome prediction to high-dose rate brachytherapy using quantitative magnetic resonance imaging analysis of tumor response to external beam radiotherapy. Radiotherapy and Oncology, 2015, 115, 78-83.	0.6	28
5	Ddc2 Mediates Mec1 Activation through a Ddc1- or Dpb11-Independent Mechanism. PLoS Genetics, 2014, 10, e1004136.	3.5	25
6	Genomics models in radiotherapy: From mechanistic to machine learning. Medical Physics, 2020, 47, e203-e217.	3.0	17
7	National Cancer Institute Workshop on Artificial Intelligence in Radiation Oncology: Training the Next Generation. Practical Radiation Oncology, 2021, 11, 74-83.	2.1	16
8	Structurally Governed Cell Mechanotransduction through Multiscale Modeling. Scientific Reports, 2015, 5, 8622.	3.3	10
9	Stereotactic body radiotherapy in patients with multiple lung tumors: a focus on lung dosimetric constraints. Expert Review of Anticancer Therapy, 2019, 19, 959-969.	2.4	7
10	Comparing the Kattan Nomogram to a Random Forest Model to Predict Post-Prostatectomy Pathology. International Journal of Radiation Oncology Biology Physics, 2018, 102, S61-S62.	0.8	2
11	In Regard to Wallner etÂal. International Journal of Radiation Oncology Biology Physics, 2020, 106, 217-218.	0.8	2
12	Modeling Mechanotransduction Signaling through Actin Filament Network Deformation Linked to Biochemical Response. Biophysical Journal, 2013, 104, 317a-318a.	0.5	1
13	Long-term CT surveillance after primary lung cancer treatment captures events in all risk groups. Translational Lung Cancer Research, 2018, 7, S49-S53.	2.8	1
14	Provider Engagement in Radiation Oncology Data Science: Workshop Report. JCO Clinical Cancer Informatics, 2020, 4, 700-710.	2.1	1
15	Response of an Actin Filament Network Model Under Cyclic Stretching Through a Coarse Grained Monte Carlo Approach. , 2010, , .		0