

Melin J Khandekar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,030
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

4678
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies to minimize heterogeneity and optimize clinical trials in Acute Respiratory Distress Syndrome (ARDS): Insights from mathematical modelling. <i>EBioMedicine</i> , 2022, 75, 103809.	6.1	9
2	Lung-RADS Category 3 and 4 Nodules on Lung Cancer Screening in Clinical Practice. <i>American Journal of Roentgenology</i> , 2022, 219, 55-65.	2.2	17
3	Incidence of Radiation Therapy Among Patients Enrolled in a Multidisciplinary Pulmonary Nodule and Lung Cancer Screening Clinic. <i>JAMA Network Open</i> , 2022, 5, e224840.	5.9	3
4	Utility of Noncancerous Chest CT Features for Predicting Overall Survival and Noncancer Death in Patients With Stage I Lung Cancer Treated With Stereotactic Body Radiotherapy. <i>American Journal of Roentgenology</i> , 2022, 219, 579-589.	2.2	6
5	Low Rates of Chest Wall Toxicity When Individualizing the Planning Target Volume Margin in Patients With Early Stage Lung Cancer Treated With Stereotactic Body Radiation Therapy. <i>Practical Radiation Oncology</i> , 2021, 11, e282-e291.	2.1	4
6	In silico dynamics of COVID-19 phenotypes for optimizing clinical management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
7	Vascular Normalization to Improve Treatment of COVID-19: Lessons from Treatment of Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 2706-2711.	7.0	2
8	Comparing machine learning algorithms for predicting ICU admission and mortality in COVID-19. <i>Npj Digital Medicine</i> , 2021, 4, 87.	10.9	97
9	Assessment of a Contralateral Esophagusâ€“Sparing Technique in Locally Advanced Lung Cancer Treated With High-Dose Chemoradiation. <i>JAMA Oncology</i> , 2021, 7, 910.	7.1	16
10	Results and Molecular Correlates from a Pilot Study of Neoadjuvant Induction FOLFIRINOX Followed by Chemoradiation and Surgery for Gastroesophageal Adenocarcinomas. <i>Clinical Cancer Research</i> , 2021, 27, 6343-6353.	7.0	8
11	Radiation Dose and Fractionation in Locally Advanced Lung Cancer. <i>JAMA Oncology</i> , 2021, 7, 1505-1506.	7.1	0
12	Heterogeneous immunogenicity of SARS-CoV-2 vaccines in cancer patients receiving radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 166, 88-91.	0.6	8
13	Early experience with hippocampal avoidance whole brain radiation therapy and simultaneous integrated boost for brain metastases. <i>Journal of Neuro-Oncology</i> , 2020, 148, 81-88.	2.9	5
14	Differential inflammatory response dynamics in normal lung following stereotactic body radiation therapy with protons versus photons. <i>Radiotherapy and Oncology</i> , 2019, 136, 169-175.	0.6	18
15	Noncanonical agonist PPAR β ligands modulate the response to DNA damage and sensitize cancer cells to cytotoxic chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 561-566.	7.1	45
16	Assessment of multi-criteria optimization (<sc>MCO</sc>) for volumetric modulated arc therapy (<sc>VMAT</sc>) in hippocampal avoidance whole brain radiation therapy (<sc>HA</sc>â€“<sc>WBRT</sc>). <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 184-190.	1.9	19
17	Ablation of PRDM16 and Beige Adipose Causes Metabolic Dysfunction and a Subcutaneous to Visceral Fat Switch. <i>Cell</i> , 2014, 156, 304-316.	28.9	719
18	Adipsin Is an Adipokine that Improves β Cell Function in Diabetes. <i>Cell</i> , 2014, 158, 41-53.	28.9	284

#	ARTICLE	IF	CITATIONS
19	Molecular mechanisms of cancer development in obesity. Nature Reviews Cancer, 2011, 11, 886-895.	28.4	733