

# Melin J Khandekar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6718113/publications.pdf>

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	Molecular mechanisms of cancer development in obesity. <i>Nature Reviews Cancer</i> , 2011, 11, 886-895.	28.4	733
2	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
3	Adipsin Is an Adipokine that Improves $\beta^2$ Cell Function in Diabetes. <i>Cell</i> , 2014, 158, 41-53.	28.9	284
4	Comparing machine learning algorithms for predicting ICU admission and mortality in COVID-19. <i>Npj Digital Medicine</i> , 2021, 4, 87.	10.9	97
5	Noncanonical agonist PPAR $\beta$ 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
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	Assessment of multi-criteria optimization (MCO) for volumetric modulated arc therapy (VMAT) in hippocampal avoidance whole brain radiation therapy (HA) vs WBRT. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 184-190.	1.9	19
8	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
9	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
10	Assessment of a Contralateral Esophagus Sparing Technique in Locally Advanced Lung Cancer Treated With High-Dose Chemoradiation. <i>JAMA Oncology</i> , 2021, 7, 910.	7.1	16
11	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
12	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
13	Heterogeneous immunogenicity of SARS-CoV-2 vaccines in cancer patients receiving radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 166, 88-91.	0.6	8
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Radiation Dose and Fractionation in Locally Advanced Lung Cancer. JAMA Oncology, 2021, 7, 1505-1506.	7.1	0