

Irwin I Tendler

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

237
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and Toxicity of Second-Course Ophthalmic Artery Chemosurgery for Retinoblastoma. <i>Ophthalmology</i> , 2015, 122, 1016-1022.	5.2	34
2	Experimentally Observed Cherenkov Light Generation in the Eye During Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 422-429.	0.8	31
3	Initial Clinical Experience of Cherenkov Imaging in External Beam Radiation Therapy Identifies Opportunities to Improve Treatment Delivery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1627-1637.	0.8	25
4	Time-gated scintillator imaging for real-time optical surface dosimetry in total skin electron therapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 095009.	3.0	17
5	Assessment of imaging Cherenkov and scintillation signals in head and neck radiotherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 145021.	3.0	17
6	Rapid Multisite Remote Surface Dosimetry for Total Skin Electron Therapy: Scintillator Target Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 767-774.	0.8	17
7	Label-free imaging of atherosclerotic plaques using third-harmonic generation microscopy. <i>Biomedical Optics Express</i> , 2018, 9, 214.	2.9	13
8	Primary Extradural Ectopic Orbital Meningioma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2017, 33, S99-S101.	0.8	12
9	Improving treatment geometries in total skin electron therapy: Experimental investigation of linac angles and floor scatter dose contributions using Cherenkov imaging. <i>Medical Physics</i> , 2018, 45, 2639-2646.	3.0	11
10	Characterization of a non-contact imaging scintillator-based dosimetry system for total skin electron therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 125025.	3.0	10
11	Ocular Argrosis Mimicking Conjunctival Melanoma. <i>Cornea</i> , 2017, 36, 747-748.	1.7	9
12	Algorithm development for intrafraction radiotherapy beam edge verification from Cherenkov imaging. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	9
13	Improvements to an optical scintillator imaging-based tissue dosimetry system. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	8
14	Tracking tumor radiotherapy response <i>in vivo</i> with Cherenkov-excited luminescence ink imaging. <i>Physics in Medicine and Biology</i> , 2020, 65, 095004.	3.0	7
15	Image quality evaluation of projection- and depth dose-based approaches to integrating proton radiography using a monolithic scintillator detector. <i>Physics in Medicine and Biology</i> , 2021, 66, 144001.	3.0	6
16	Technical Note: A novel dosimeter improves total skin electron therapy surface dosimetry workflow. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 158-162.	1.9	4
17	Recent Advances and Clinical Applications of Plastic Scintillators in the Field of Radiation Therapy. <i>Topics in Applied Physics</i> , 2021, , 425-460.	0.8	3
18	Technical Note: Quality assurance and relative dosimetry testing of a 60 Co total body irradiator using optical imaging. <i>Medical Physics</i> , 2019, 46, 3674-3678.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Considerations for Clinical Trials Testing Radiotherapy Combined With Immunotherapy for Metastatic Disease. <i>Seminars in Radiation Oncology</i> , 2021, 31, 217-226.	2.2	2
20	Label-Free Detection of Atherosclerotic Plaque Formation Using Third Harmonic Generation Microscopy. , 2016, , .		0