

Frank Emert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2476839/publications.pdf>

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9
papers

312
citations

1651377

6
h-index

1905433

7
g-index

9
all docs

9
docs citations

9
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical practice vs. state-of-the-art research and future visions: Report on the 4D treatment planning workshop for particle therapy – Edition 2018 and 2019. <i>Physica Medica</i> , 2021, 82, 54-63.	0.4	18
2	Enhanced Deep-Inspiration Breath Hold Superior to High-Frequency Percussive Ventilation for Respiratory Motion Mitigation: A Physiology-Driven, MRI-Guided Assessment Toward Optimized Lung Cancer Treatment With Proton Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 621350.	1.3	12
3	Faraday cup for commissioning and quality assurance for proton pencil beam scanning beams at conventional and ultra-high dose rates. <i>Physics in Medicine and Biology</i> , 2021, 66, 124001.	1.6	10
4	Quantification of a human reliability analysis method for radiotherapy applications based on expert judgment aggregation. <i>Reliability Engineering and System Safety</i> , 2020, 194, 106489.	5.1	11
5	Developing the foundations of a cognition-based human reliability analysis model via mapping task types and performance-influencing factors: Application to radiotherapy. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2018, 232, 3-37.	0.6	4
6	Quantification of human failure probabilities for radiotherapy: Relevance of THERP’s values. , 2017, , .		0
7	A method for Human Reliability Analysis in radiotherapy: Identification and characterization of influencing factors. , 2015, , 3069-3076.		1
8	Treatment planning and verification of proton therapy using spot scanning: Initial experiences. <i>Medical Physics</i> , 2004, 31, 3150-3157.	1.6	243
9	Positron emission tomography of large rock samples using a multiring PET instrument. <i>IEEE Transactions on Nuclear Science</i> , 1997, 44, 26-30.	1.2	13