

# Frank Emert

## List of Publications by Year in descending order

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

Version: 2024-02-01

9

papers

312

citations

1478505

6

h-index

1720034

7

g-index

9

all docs

9

docs citations

9

times ranked

298

citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment planning and verification of proton therapy using spot scanning: Initial experiences. Medical Physics, 2004, 31, 3150-3157.	3.0	243
2	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. Physica Medica, 2021, 82, 54-63.	0.7	18
3	Positron emission tomography of large rock samples using a multiring PET instrument. IEEE Transactions on Nuclear Science, 1997, 44, 26-30.	2.0	13
4	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. Frontiers in Oncology, 2021, 11, 621350.	2.8	12
5	Quantification of a human reliability analysis method for radiotherapy applications based on expert judgment aggregation. Reliability Engineering and System Safety, 2020, 194, 106489.	8.9	11
6	Faraday cup for commissioning and quality assurance for proton pencil beam scanning beams at conventional and ultra-high dose rates. Physics in Medicine and Biology, 2021, 66, 124001.	3.0	10
7	Developing the foundations of a cognition-based human reliability analysis model via mapping task types and performance-influencing factors: Application to radiotherapy. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 3-37.	0.7	4
8	A method for Human Reliability Analysis in radiotherapy: Identification and characterization of influencing factors. , 2015, , 3069-3076.		1
9	Quantification of human failure probabilities for radiotherapy: Relevance of THERP’s values. , 2017, , .		0