

Kota Mizushima

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

357
citations

1683934
5
h-index

1588896
8
g-index

8
all docs

8
docs citations

8
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the NIRS fast scanning system for heavy-ion radiotherapy. Medical Physics, 2010, 37, 5672-5682.	1.6	144
2	Moving target irradiation with fast rescanning and gating in particle therapy. Medical Physics, 2010, 37, 4874-4879.	1.6	117
3	Evaluation of hybrid depth scanning for carbon-ion radiotherapy. Medical Physics, 2012, 39, 2820-2825.	1.6	62
4	Development of Carbon-Ion Radiotherapy Facilities at NIRS. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.1	22
5	Experimental study on monitoring system of clinical beam purity in multiple-ion beam operation for heavy-ion radiotherapy. Review of Scientific Instruments, 2020, 91, 023309.	0.6	5
6	Experimental verification of beam switching operation for multiple-ion therapy applications at HIMAC. Nuclear Instruments & Methods in Physics Research B, 2019, 459, 115-119.	0.6	4
7	Effect of general ion recombination on dose measurement for high dose rate carbon-ion scanning beam. Nuclear Instruments & Methods in Physics Research B, 2020, 468, 14-17.	0.6	2
8	Predicting the Biological Effects of Human Salivary Gland Tumour Cells for Scanned 4He-, 12C-, 16O-, and 20Ne-Ion Beams Using an SOI Microdosimeter. Applied Sciences (Switzerland), 2022, 12, 6148.	1.3	1