

Takuji Furukawa

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

466
citations

1307366

7
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	2.2.3 Development of New Heavy-ion Radiotherapy Technology Toward Upgrading Heavy-ion Radiotherapy. Radioisotopes, 2019, 68, 197-206.	0.1	1
3	Scanned carbon-ion beam therapy throughput over the first 7 years at National Institute of Radiological Sciences. Physica Medica, 2018, 52, 18-26.	0.4	11
4	Experimental verification of gain drop due to general ion recombination for a carbon-ion pencil beam. Medical Physics, 2016, 43, 635-642.	1.6	5
5	A novel method for experimental characterization of large-angle scattered particles in scanned carbon-ion therapy. Medical Physics, 2014, 41, 021706.	1.6	18
6	Patient-specific QA and delivery verification of scanned ion beam at NIRS-HIMAC. Medical Physics, 2013, 40, 121707.	1.6	31
7	Performance of the NIRS fast scanning system for heavy-ion radiotherapy. Medical Physics, 2010, 37, 5672-5682.	1.6	144
8	Moving target irradiation with fast rescanning and gating in particle therapy. Medical Physics, 2010, 37, 4874-4879.	1.6	117
9	Delivery verification using 3D dose reconstruction based on fluorescence measurement in a carbon beam scanning irradiation system. Medical Physics, 2008, 35, 2235-2242.	1.6	16
10	Design study of a raster scanning system for moving target irradiation in heavy-ion radiotherapy. Medical Physics, 2007, 34, 1085-1097.	1.6	121