Takuji Furukawa

List of Publications by Year
in descending order

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	Performance of the NIRS fast scanning system for heavyâ€ion radiotherapy. Medical Physics, 2010, 37, 5672-5682.	1.6	144
2	Design study of a raster scanning system for moving target irradiation in heavy-ion radiotherapy. Medical Physics, 2007, 34, 1085-1097.	1.6	121
3	Moving target irradiation with fast rescanning and gating in particle therapy. Medical Physics, 2010, 37, 4874-4879.	1.6	117
4	Patientâ€specific QA and delivery verification of scanned ion beam at NIRSâ€HIMAC. Medical Physics, 2013, 40, 121707.	1.6	31
5	A novel method for experimental characterization of largeâ€angle scattered particles in scanned carbonâ€ion therapy. Medical Physics, 2014, 41, 021706.	1.6	18
6	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
7	Scanned carbon-ion beam therapy throughput over the first 7â€¯years at National Institute of Radiological Sciences. Physica Medica, 2018, 52, 18-26.	0.4	11
8	Experimental verification of gain drop due to general ion recombination for a carbonâ€ion pencil beam. Medical Physics, 2016, 43, 635-642.	1.6	5
9	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
10	2.2.3â€ƒDevelopment of New Heavy-ion Radiotherapy Technologyâ€”Toward Upgrading Heavy-ion Radiotherapyâ€”. Radioisotopes, 2019, 68, 197-206.	0.1	1