Yoshitaka Matsumoto

List of Publications by Year
in descending order

23
papers

387
citations

933447

10
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

557
citing authors

#	Article	IF	Citations
1	Non-isotope enriched phenylboronic acid-decorated dual-functional nano-assembles for an actively targeting BNCT drug. Biomaterials, 2021, 268, 120551.	11.4	26
2	Polymer-conjugated glucosamine complexed with boric acid shows tumor-selective accumulation and simultaneous inhibition of glycolysis. Biomaterials, 2021, 269, 120631.	11.4	21
3	Lethal DNA Lesions Caused by Direct and Indirect Actions of X rays are Repaired via Different DSB Repair Pathways under Aerobic and Anoxic Conditions. Radiation Research, 2021, 195, 441-451.	1.5	0
4	A Diels-Alder polymer platform for thermally enhanced drug release toward efficient local cancer chemotherapy. Science and Technology of Advanced Materials, 2021, 22, 522-531.	6.1	5
5	A Critical Review of Radiation Therapy: From Particle Beam Therapy (Proton, Carbon, and BNCT) to Beyond. Journal of Personalized Medicine, 2021, 11, 825.	2.5	37
6	Development of an Imaging Technique for Boron Neutron Capture Therapy. Cells, 2021, 10, 2135.	4.1	6
7	Evaluation of the characteristics of the neutron beam of a linac-based neutron source for boron neutron capture therapy. Applied Radiation and Isotopes, 2020, 165, 109246.	1.5	11
8	Folate-appended cyclodextrin improves the intratumoral accumulation of existing boron compounds.. Applied Radiation and Isotopes, 2020, 163, 109201.	1.5	5
9	Chronoradiation Therapy for Prostate Cancer: Morning Proton Beam Therapy Ameliorates Worsening Lower Urinary Tract Symptoms. Journal of Clinical Medicine, 2020, 9, 2263.	2.4	9
10	Boron analysis and imaging of cells with 2-hr BPA exposure by using micro-proton particle-induced gamma-ray emission (PIGE). Applied Radiation and Isotopes, 2020, 165, 109334.	1.5	1
11	Impact of RhoA overexpression on clinical outcomes in cervical squamous cell carcinoma treated with concurrent chemoradiotherapy. Journal of Radiation Research, 2020, 61, 221-230.	1.6	9
12	Functionalized mesoporous silica nanoparticles for innovative boron-neutron capture therapy of resistant cancers. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 27, 102195.	3.3	30
13	ESTIMATION OF RBE VALUES FOR CARBON-ION BEAMS IN THE WIDE DOSE RANGE USING MULTICELLULAR SPHEROIDS. Radiation Protection Dosimetry, 2019, 183, 45-49.	0.8	5
14	Beam performance of the iBNCT as a compact linac-based BNCT neutron source developed by University of tsukuba. AIP Conference Proceedings, 2019, , .	0.4	7
15	DIFFERENCE IN DEGREE OF SUB-LETHAL DAMAGE RECOVERY BETWEEN CLINICAL PROTON BEAMS AND X-RAYS. Radiation Protection Dosimetry, 2019, 183, 93-97.	0.8	4
16	Antimetastatic Effects of Carbon-Ion Beams on Malignant Melanomas. Radiation Research, 2018, 190, 412.	1.5	10
17	Equivalency of the quality of sublethal lesions after photons and high-linear energy transfer ion beams. Journal of Radiation Research, 2017, 58, 803-808.	1.6	7
18	Metabolic analysis of radioresistant medulloblastoma stem-like clones and potential therapeutic targets. PLoS ONE, 2017, 12, e0176162.	2.5	17

#	ARTICLE	IF	CITATIONS
19	PU-H71, a novel Hsp90 inhibitor, as a potential cancer-specific sensitizer to carbon-ion beam therapy. Journal of Radiation Research, 2016, 57, 572-575.	1.6	17
20	Designing a ridge filter based on a mouse foot skin reaction to spread out Bragg-peaks for carbon-ion radiotherapy. Radiotherapy and Oncology, 2015, 115, 279-283.	0.6	10
21	Dependence of the bystander effect for micronucleus formation on dose of heavy-ion radiation in normal human fibroblasts. Radiation Protection Dosimetry, 2015, 166, 152-156.	0.8	14
22	The Effect of p53 Status of Tumor Cells on Radiosensitivity of Irradiated Tumors With Carbon-Ion Beams Compared With Î³-Rays or Reactor Neutron Beams. World Journal of Oncology, 2015, 6, 398-409.	1.5	2
23	Contributions of Direct and Indirect Actions in Cell Killing by High-LET Radiations. Radiation Research, 2009, 171, 212-218.	1.5	133