

Minoru Suzuki

List of Publications by Year in descending order

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121
papers

3,058
citations

172457

29
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189892

50
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122
all docs

122
docs citations

122
times ranked

2213
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status of boron neutron capture therapy of high grade gliomas and recurrent head and neck cancer. <i>Radiation Oncology</i> , 2012, 7, 146.	2.7	375
2	Boron neutron capture therapy (BNCT): a unique role in radiotherapy with a view to entering the accelerator-based BNCT era. <i>International Journal of Clinical Oncology</i> , 2020, 25, 43-50.	2.2	156
3	Boron neutron capture therapy outcomes for advanced or recurrent head and neck cancer. <i>Journal of Radiation Research</i> , 2014, 55, 146-153.	1.6	134
4	Survival benefit of Boron neutron capture therapy for recurrent malignant gliomas. <i>Journal of Neuro-Oncology</i> , 2009, 91, 199-206.	2.9	114
5	Boron Neutron Capture Therapy for Malignant Brain Tumors. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 361-371.	2.2	90
6	The combined effect of boronophenylalanine and borocaptate in boron neutron capture therapy for SCCVII tumors in mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 43, 431-436.	0.8	89
7	First Attempt of Boron Neutron Capture Therapy (BNCT) for Hepatocellular Carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2007, 37, 376-381.	1.3	87
8	Analysis of interfractional set-up errors and intrafractional organ motions during IMRT for head and neck tumors to define an appropriate planning target volume (PTV)- and planning organs at risk volume (PRV)-margins. <i>Radiotherapy and Oncology</i> , 2006, 78, 283-290.	0.6	84
9	Poly(vinyl alcohol) boosting therapeutic potential of <i>p</i> -boronophenylalanine in neutron capture therapy by modulating metabolism. <i>Science Advances</i> , 2020, 6, eaaz1722.	10.3	77
10	Development of High Boron Content Liposomes and Their Promising Antitumor Effect for Neutron Capture Therapy of Cancers. <i>Bioconjugate Chemistry</i> , 2013, 24, 124-132.	3.6	74
11	Block copolymer-boron cluster conjugate for effective boron neutron capture therapy of solid tumors. <i>Journal of Controlled Release</i> , 2017, 254, 1-9.	9.9	70
12	Spermidinium closo-dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. <i>Chemical Communications</i> , 2014, 50, 12325-12328.	4.1	56
13	Maleimide-functionalized closo-dodecaborate albumin conjugates (MID-AC): Unique ligation at cysteine and lysine residues enables efficient boron delivery to tumor for neutron capture therapy. <i>Journal of Controlled Release</i> , 2016, 237, 160-167.	9.9	56
14	A novel concept of treatment of diffuse or multiple pleural tumors by boron neutron capture therapy (BNCT). <i>Radiotherapy and Oncology</i> , 2008, 88, 192-195.	0.6	54
15	Biological Evaluation of Dodecaborate-Containing <i>l</i> -Amino Acids for Boron Neutron Capture Therapy. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6980-6984.	6.4	52
16	Importance of the Initial Volume of Parotid Glands in Xerostomia for Patients with Head and Neck Cancers Treated with IMRT. <i>Japanese Journal of Clinical Oncology</i> , 2005, 35, 375-379.	1.3	51
17	Synergistic Effects of Radiation and 12 -Lapachone in DU-145 Human Prostate Cancer Cells In Vitro. <i>Radiation Research</i> , 2006, 165, 525-531.	1.5	51
18	Use of boron cluster-containing redox nanoparticles with ROS scavenging ability in boron neutron capture therapy to achieve high therapeutic efficiency and low adverse effects. <i>Biomaterials</i> , 2016, 104, 201-212.	11.4	51

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19	Comparison of the pharmacokinetics between L-BPA and L-FBPA using the same administration dose and protocol: a validation study for the theranostic approach using [18F]-L-FBPA positron emission tomography in boron neutron capture therapy. <i>BMC Cancer</i> , 2016, 16, 859.	2.6	46
20	Boron neutron capture therapy for vulvar melanoma and genital extramammary Paget's disease with curative responses. <i>Cancer Communications</i> , 2018, 38, 1-10.	9.2	45
21	Feasibility of boron neutron capture therapy (BNCT) for malignant pleural mesothelioma from a viewpoint of dose distribution analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1584-1589.	0.8	44
22	The Effects of Boron Neutron Capture Therapy on Liver Tumors and Normal Hepatocytes in Mice. <i>Japanese Journal of Cancer Research</i> , 2000, 91, 1058-1064.	1.7	42
23	Feasibility Study of the Simultaneous Integrated Boost (SIB) Method for Malignant Gliomas Using Intensity-modulated Radiotherapy (IMRT). <i>Japanese Journal of Clinical Oncology</i> , 2003, 33, 271-277.	1.3	40
24	Boron neutron capture therapy with bevacizumab may prolong the survival of recurrent malignant glioma patients: four cases. <i>Radiation Oncology</i> , 2014, 9, 6.	2.7	37
25	Evaluation of a Novel Boron-Containing β -D-Mannopyranoside for BNCT. <i>Cells</i> , 2020, 9, 1277.	4.1	35
26	Pilot clinical study of boron neutron capture therapy for recurrent hepatic cancer involving the intra-arterial injection of a 10B ¹⁰ SH-containing WOW emulsion. <i>Applied Radiation and Isotopes</i> , 2014, 88, 32-37.	1.5	33
27	Cyclic RGD-Functionalized α -Dodecaborate Albumin Conjugates as Integrin Targeting Boron Carriers for Neutron Capture Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 3740-3747.	4.6	32
28	DNA double-strand break induction in Ku80-deficient CHO cells following Boron Neutron Capture Reaction. <i>Radiation Oncology</i> , 2011, 6, 106.	2.7	30
29	Boron neutron capture therapy using epithermal neutrons for recurrent cancer in the oral cavity and cervical lymph node metastasis. <i>Oncology Reports</i> , 2007, 18, 861-6.	2.6	30
30	Intra-arterial administration of sodium borocaptate (BSH)/lipiodol emulsion delivers B-10 to liver tumors highly selectively for boron neutron capture therapy: experimental studies in the rat liver model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 260-266.	0.8	29
31	Impact of accelerator-based boron neutron capture therapy (AB-BNCT) on the treatment of multiple liver tumors and malignant pleural mesothelioma. <i>Radiotherapy and Oncology</i> , 2009, 92, 89-95.	0.6	28
32	Radiosensitization effect by combination with paclitaxel in vivo, including the effect on intratumor quiescent cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 1063-1072.	0.8	27
33	Long-term outcome of cutaneous melanoma patients treated with boron neutron capture therapy (BNCT). <i>Journal of Radiation Research</i> , 2020, 61, 945-951.	1.6	27
34	Boron Neutron Capture Therapy of Malignant Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 32, 48-56.	1.3	26
35	A case of radiation-induced osteosarcoma treated effectively by boron neutron capture therapy. <i>Radiation Oncology</i> , 2014, 9, 237.	2.7	25
36	Gadolinium-loaded chitosan nanoparticles for neutron-capture therapy: Influence of micrometric properties of the nanoparticles on tumor-killing effect. <i>Applied Radiation and Isotopes</i> , 2014, 88, 109-113.	1.5	25

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37	Boron nitride (10BN) a prospective material for treatment of cancer by boron neutron capture therapy (BNCT). <i>Materials Letters</i> , 2020, 259, 126832.	2.6	25
38	Impact of intra-arterial administration of boron compounds on dose-volume histograms in boron neutron capture therapy for recurrent head-and-neck tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1523-1527.	0.8	23
39	A Preliminary Experimental Study of Boron Neutron Capture Therapy for Malignant Tumors Spreading in Thoracic Cavity. <i>Japanese Journal of Clinical Oncology</i> , 2007, 37, 245-249.	1.3	23
40	Synthesis and in vitro evaluation of thiododecaborated β , γ - cycloalkylamino acids for the treatment of malignant brain tumors by boron neutron capture therapy. <i>Amino Acids</i> , 2014, 46, 2715-2720.	2.7	23
41	Phase I Study of Weekly Docetaxel Infusion and Concurrent Radiation Therapy for Head and Neck Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2003, 33, 297-301.	1.3	22
42	Dosimetric study of boron neutron capture therapy with borocaptate sodium (BSH)/lipiodol emulsion (BSH/lipiodol-BNCT) for treatment of multiple liver tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 892-896.	0.8	22
43	Proposal for determining absolute biological effectiveness of boron neutron capture therapy—the effect of $^{10}\text{B}(n, \alpha)^7\text{Li}$ dose can be predicted from the nucleocytoplasmic ratio or the cell size. <i>Journal of Radiation Research</i> , 2019, 60, 29-36.	1.6	22
44	Reirradiation for locally recurrent lung cancer in the chest wall with boron neutron capture therapy (BNCT). <i>International Cancer Conference Journal</i> , 2012, 1, 235-238.	0.5	19
45	Boron Neutron Capture Therapy for High-Grade Skull-Base Meningioma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S322-S327.	0.8	19
46	Fructose-functionalized polymers to enhance therapeutic potential of p-boronophenylalanine for neutron capture therapy. <i>Journal of Controlled Release</i> , 2021, 332, 184-193.	9.9	19
47	Boron Neutron Capture Therapy Combined with Early Successive Bevacizumab Treatments for Recurrent Malignant Gliomas – A Pilot Study. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 487-494.	2.2	18
48	Treatment outcomes and dose-volume histogram analysis of simultaneous integrated boost method for malignant gliomas using intensity-modulated radiotherapy. <i>International Journal of Clinical Oncology</i> , 2008, 13, 48-53.	2.2	17
49	Biodistribution of ^{10}B in a rat liver tumor model following intra-arterial administration of sodium borocaptate (BSH)/degradable starch microspheres (DSM) emulsion. <i>Applied Radiation and Isotopes</i> , 2004, 61, 933-937.	1.5	16
50	Evaluation of Micronucleus Induction in Lymphocytes of Patients Following Boron-Neutron-Capture-Therapy: A Comparison with Thyroid Cancer Patients treated with radioiodine. <i>Journal of Radiation Research</i> , 2007, 48, 197-204.	1.6	16
51	DNA damage induced by boron neutron capture therapy is partially repaired by DNA ligase IV. <i>Radiation and Environmental Biophysics</i> , 2016, 55, 89-94.	1.4	16
52	Reactor-based boron neutron capture therapy for 44 cases of recurrent and refractory high-grade meningiomas with long-term follow-up. <i>Neuro-Oncology</i> , 2022, 24, 90-98.	1.2	16
53	Conjugation of Phenylboronic Acid Moiety through Multistep Organic Transformations on Nanodiamond Surface for an Anticancer Nanodrug for Boron Neutron Capture Therapy. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2302-2312.	3.2	16
54	Construction of Boronophenylalanine-Loaded Biodegradable Periodic Mesoporous Organosilica Nanoparticles for BNCT Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2251.	4.1	15

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55	Boron neutron capture therapy (BNCT) as a new approach for clear cell sarcoma (CCS) treatment: Trial using a lung metastasis model of CCS. <i>Applied Radiation and Isotopes</i> , 2015, 106, 195-201.	1.5	14
56	Proteomic analysis of cellular response induced by boron neutron capture reaction in human squamous cell carcinoma SAS cells. <i>Applied Radiation and Isotopes</i> , 2015, 106, 213-219.	1.5	14
57	Advances in boron neutron capture therapy (BNCT) at kyoto university - From reactor-based BNCT to accelerator-based BNCT. <i>Journal of the Korean Physical Society</i> , 2015, 67, 76-81.	0.7	13
58	Feasibility evaluation of neutron capture therapy for hepatocellular carcinoma using selective enhancement of boron accumulation in tumour with intra-arterial administration of boron-entrapped water-in-oil-in-water emulsion. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1854-1857.	1.5	12
59	Boron neutron capture therapy as new treatment for clear cell sarcoma: Trial on different animal model. <i>Applied Radiation and Isotopes</i> , 2014, 88, 59-63.	1.5	12
60	Design, Synthesis, and Biological Evaluation of Boron-Containing Macrocyclic Polyamines and Their Zinc(II) Complexes for Boron Neutron Capture Therapy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8523-8544.	6.4	12
61	The Anti-Proliferative Effect of Boron Neutron Capture Therapy in a Prostate Cancer Xenograft Model. <i>PLoS ONE</i> , 2015, 10, e0136981.	2.5	12
62	Evaluating the Usefulness of a Novel ¹⁰ B-Carrier Conjugated With Cyclic RGD Peptide in Boron Neutron Capture Therapy. <i>World Journal of Oncology</i> , 2012, 3, 103-112.	1.5	12
63	Responses of Total and Quiescent Cell Populations in Solid Tumors to Boron and Gadolinium Neutron Capture Reaction Using Neutrons with Two Different Energy Spectra. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 81-88.	1.7	10
64	Cerebrospinal fluid dissemination of high-grade gliomas following boron neutron capture therapy occurs more frequently in the small cell subtype of IDH1R132H mutation-negative glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 133, 107-118.	2.9	10
65	Novel Hyaluronan Formulation Enhances the Efficacy of Boron Neutron Capture Therapy for Murine Mesothelioma. <i>Anticancer Research</i> , 2016, 36, 907-11.	1.1	10
66	Additive Effects of Radiation and Docetaxel on Murine SCCVII Tumors In Vivo: Special Reference to Changes in the Cell Cycle. <i>Radiation Research</i> , 2003, 159, 799-804.	1.5	9
67	Cationized gelatin-HVJ envelope with sodium borocaptate improved the BNCT efficacy for liver tumors in vivo. <i>Radiation Oncology</i> , 2011, 6, 8.	2.7	9
68	Boron neutron capture therapy (BNCT) selectively destroys human clear cell sarcoma in mouse model. <i>Applied Radiation and Isotopes</i> , 2013, 73, 96-100.	1.5	9
69	Detection of γ -H2AX foci in mouse normal brain and brain tumor after boron neutron capture therapy. <i>Reports of Practical Oncology and Radiotherapy</i> , 2016, 21, 108-112.	0.6	9
70	Effect of oxygen pressure during incubation with a ¹⁰ B-carrier on ¹⁰ B uptake capacity of cultured p53 wild-type and mutated tumor cells: dependency on p53 status of tumor cells and types of ¹⁰ B-carriers. <i>International Journal of Radiation Biology</i> , 2016, 92, 187-194.	1.8	9
71	Preclinical study of boron neutron capture therapy for bone metastasis using human breast cancer cell lines. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109257.	1.5	9
72	Tumor-targeting hyaluronic acid/fluorescent carborane complex for boron neutron capture therapy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 210-216.	2.1	9

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73	Tumor vasculature-targeted ¹⁰ B delivery by an Annexin A1-binding peptide boosts effects of boron neutron capture therapy. <i>BMC Cancer</i> , 2021, 21, 72.	2.6	9
74	Augmentation in Chemosensitivity of Intratumor Quiescent Cells by Combined Treatment with Nicotinamide and Mild Hyperthermia. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 770-777.	1.7	8
75	Effects of Bioreductive Agents, Tirapazamine and Mitomycin C, on Quiescent Cell Populations in Solid Tumors, Evaluated by Micronucleus Assay. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 907-914.	1.7	8
76	Usefulness of Tirapazamine as a Combined Agent in Chemoradiation and Thermo-chemoradiation Therapy at Mild Temperatures: Reference to the Effect on Intratumor Quiescent Cells. <i>Japanese Journal of Cancer Research</i> , 2000, 91, 566-572.	1.7	8
77	Influence of the particle size of gadolinium-loaded chitosan nanoparticles on their tumor-killing effect in neutron capture therapy in vitro. <i>Applied Radiation and Isotopes</i> , 2020, 164, 109270.	1.5	8
78	Fluorescent boron carbide quantum dots synthesized with a low-temperature solvothermal approach for boron neutron capture therapy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 132, 114766.	2.7	8
79	Effect of Electroporation on Cell Killing by Boron Neutron Capture Therapy Using Borocaptate Sodium (10B-BSH). <i>Japanese Journal of Cancer Research</i> , 1998, 89, 1352-1357.	1.7	7
80	Repair of potentially lethal damage by total and quiescent cells in solid tumors following a neutron capture reaction. <i>Journal of Cancer Research and Clinical Oncology</i> , 1999, 125, 609-614.	2.5	7
81	Boron neutron capture therapy for clear cell sarcoma. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109324.	1.5	7
82	Boron Neutron Capture Therapy Study of ¹⁰ B Enriched Nanostructured Boron Carbide Against Cervical Cancer and Glioblastoma Cell Line. <i>Journal of Cluster Science</i> , 2021, 32, 221-225.	3.3	7
83	Extracellular Release of HMGB1 as an Early Potential Biomarker for the Therapeutic Response in a Xenograft Model of Boron Neutron Capture Therapy. <i>Biology</i> , 2022, 11, 420.	2.8	7
84	Comparison of outcomes between overlapping structure-based and non-overlapping structure-based optimization for simultaneous integrated boost IMRT for malignant gliomas. <i>International Journal of Clinical Oncology</i> , 2004, 9, 491-497.	2.2	6
85	Clinical Effectiveness of Boron Neutron Capture Therapy for a Recurrent Malignant Peripheral Nerve Sheath Tumor in the Mediastinum. <i>Journal of Thoracic Oncology</i> , 2010, 5, 2037-2038.	1.1	6
86	Usefulness of combination with both continuous administration of hypoxic cytotoxin and mild temperature hyperthermia in boron neutron capture therapy in terms of local tumor response and lung metastatic potential. <i>International Journal of Radiation Biology</i> , 2019, 95, 1708-1717.	1.8	6
87	An attempt to improve the therapeutic effect of boron neutron capture therapy using commonly employed ¹⁰ B-carriers based on analytical studies on the correlation among quiescent tumor cell characteristics, tumor heterogeneity and cancer stemness. <i>Journal of Radiation Research</i> , 2020, 61, 876-885.	1.6	6
88	Effects of Boron Neutron Capture Therapy Using Borocaptate Sodium in Combination with a Tumor-selective Vasoactive Agent in Mice. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 334-340.	1.7	5
89	A Simple and Rapid Method for Measurement of ¹⁰ B-para-Boronophenylalanine in the Blood for Boron Neutron Capture Therapy Using Fluorescence Spectrophotometry. <i>Journal of Radiation Research</i> , 2009, 50, 377-382.	1.6	5
90	Localized dose delivering by ion beam irradiation for experimental trial of establishing brain necrosis model. <i>Applied Radiation and Isotopes</i> , 2015, 105, 32-34.	1.5	5

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91	Carboxyboranyl amino ethanol: unprecedented discovery of boron agents for neutron capture therapy in cancer treatment. <i>Chemical Communications</i> , 2021, 57, 10174-10177.	4.1	5
92	BNCT for primary synovial sarcoma. <i>Applied Radiation and Isotopes</i> , 2021, 169, 109407.	1.5	5
93	HIF-1 α affects sensitivity of murine squamous cell carcinoma to boron neutron capture therapy with BPA. <i>International Journal of Radiation Biology</i> , 2021, 97, 1441-1449.	1.8	5
94	The Effect of p53 Status on Radio-Sensitivity of Quiescent Tumor Cell Population Irradiated With β -Rays at Various Dose Rates. <i>Journal of Clinical Medicine Research</i> , 2018, 10, 815-821.	1.2	5
95	Suppression of Tumor Growth in a Rabbit Hepatic Cancer Model by Boron Neutron Capture Therapy With Liposomal Boron Delivery Systems. <i>In Vivo</i> , 2021, 35, 3125-3135.	1.3	5
96	Changes in the Sensitivity of Intratumor Cells during Fractionated Tirapazamine Administration. <i>Japanese Journal of Cancer Research</i> , 2000, 91, 731-736.	1.7	4
97	Potential of boron neutron capture therapy (BNCT) for malignant peripheral nerve sheath tumors (MPNST). <i>Applied Radiation and Isotopes</i> , 2015, 106, 220-225.	1.5	4
98	Effect of Tirapazamine, Metformin or Mild Hyperthermia on Recovery From Radiation-Induced Damage in Pimonidazole-Unlabeled Quiescent Tumor Cells. <i>World Journal of Oncology</i> , 2017, 8, 137-146.	1.5	4
99	An attempt to enhance chemosensitivity of quiescent cell populations in solid tumors by combined treatment with nicotinamide and carbogen. <i>Journal of Cancer Research and Clinical Oncology</i> , 1996, 122, 533-540.	2.5	3
100	Boron Neutron Capture Therapy. <i>Radioisotopes</i> , 2012, 61, 209-222.	0.2	3
101	Single-dose toxicity study by intra-arterial injection of 10BSH entrapped water-in-oil-in-water emulsion for boron neutron capture therapy to hepatocellular carcinoma. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109202.	1.5	3
102	Reevaluation of CBE value of BPA for hepatocytes. <i>Applied Radiation and Isotopes</i> , 2020, 161, 109159.	1.5	3
103	Quantitative autoradiography in boron neutron capture therapy considering the particle ranges in the samples. <i>Physica Medica</i> , 2021, 82, 306-320.	0.7	3
104	Improving the spatial resolution of a pixelated LaBr ₃ (Ce) scintillator coupled with a multi-pixel photon counter array for boron neutron capture therapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 992, 165026.	1.6	3
105	Radiosensitivity and Capacity to Recover from Radiation-Induced Damage in Pimonidazole-Unlabeled Intratumor Quiescent Cells Depend on p53 Status. <i>World Journal of Oncology</i> , 2011, 2, 1-9.	1.5	3
106	Efficacy of Boron Neutron Capture Therapy in Primary Central Nervous System Lymphoma: In Vitro and In Vivo Evaluation. <i>Cells</i> , 2021, 10, 3398.	4.1	3
107	Effects of p53 Status of Tumor Cells and Combined Treatment With Mild Hyperthermia, Wortmannin or Caffeine on Recovery From Radiation-Induced Damage. <i>World Journal of Oncology</i> , 2019, 10, 132-141.	1.5	2
108	The Effect of p53 Status of Tumor Cells on Radiosensitivity of Irradiated Tumors With Carbon-Ion Beams Compared With β -Rays or Reactor Neutron Beams. <i>World Journal of Oncology</i> , 2015, 6, 398-409.	1.5	2

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109	Persistent elevation of lysophosphatidylcholine promotes radiation brain necrosis with microglial recruitment by P2RX4 activation. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
110	Measurement of the thermal neutron distribution in a water phantom using a cyclotron based neutron source for boron neutron capture therapy. , 2009, , .		1
111	Development of real-time thermal neutron monitor array for boron neutron capture therapy. <i>Therapeutic Radiology and Oncology</i> , 2018, 2, 51-51.	0.2	1
112	Design, Synthesis and Biological Evaluation of Boron-Containing Macrocyclic Polyamine Dimers and Their Zinc(II) Complexes for Boron Neutron Capture Therapy. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	2.0	1
113	Analysis of boron neutron capture reaction sensitivity using Monte Carlo simulation and proposal of a new dosimetry index in boron neutron capture therapy. <i>Journal of Radiation Research</i> , 0, , .	1.6	1
114	Development of thermal neutron flux monitor using small scintillator array coupled with quartz fibers for Boron Neutron Capture Therapy. , 2011, , .		0
115	Development of two dimensional thermal neutron flux monitor using multi-wire proportional counter for boron neutron capture therapy. , 2012, , .		0
116	Characteristics of neutron capture therapy in terms of biology for tumor therapy and radiation oncology. Review Article. <i>Journal of Japanese Society of Oral Oncology</i> , 2016, 28, 134-147.	0.1	0
117	Effect of a change in reactor power on response of murine solid tumors in vivo, referring to impact on quiescent tumor cell population. <i>International Journal of Radiation Biology</i> , 2019, 95, 635-645.	1.8	0
118	Boron neutron capture therapy in patients with recurrent head and neck cancers who have no other treatment options.. <i>Journal of Clinical Oncology</i> , 2014, 32, 6046-6046.	1.6	0
119	Boron neutron capture therapy in non-SCC patients with intractable head and neck malignancies who have no other treatment options.. <i>Journal of Clinical Oncology</i> , 2016, 34, e17507-e17507.	1.6	0
120	BNCT for Head and Neck Cancer—History at Our Institution—. <i>Practica Otologica, Supplement</i> , 2017, 149, 227-240.	0.0	0
121	Current status and potential of neutron capture therapy as a new treatment option for malignant soft tissue tumors. <i>Drug Delivery System</i> , 2020, 35, 137-145.	0.0	0