

Nobuyoshi Fukumitsu

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,645
citations

279701

23
h-index

302012

39
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58
all docs

58
docs citations

58
times ranked

1489
citing authors

#	ARTICLE	IF	CITATIONS
1	A Prospective Study of Hypofractionated Proton Beam Therapy for Patients With Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 831-836.	0.4	196
2	Proton Beam Therapy for Hepatocellular Carcinoma: A Comparison of Three Treatment Protocols. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1039-1045.	0.4	148
3	Repeated proton beam therapy for hepatocellular carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 196-202.	0.4	92
4	Proton Beam Therapy for Hepatocellular Carcinoma Adjacent to the Porta Hepatis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 462-467.	0.4	89
5	Evaluation of Liver Function After Proton Beam Therapy for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e529-e535.	0.4	64
6	Proton Beam Therapy for Hepatocellular Carcinoma Patients with Severe Cirrhosis. <i>Strahlentherapie Und Onkologie</i> , 2006, 182, 713-720.	1.0	63
7	Long-term outcomes of proton beam therapy in patients with previously untreated hepatocellular carcinoma. <i>Cancer Science</i> , 2017, 108, 497-503.	1.7	54
8	Template-Free Fabrication of Mesoporous Alumina Nanospheres Using Post-Synthesis Water-Ethanol Treatment of Monodispersed Aluminium Glycerate Nanospheres for Molybdenum Adsorption. <i>Small</i> , 2018, 14, e1800474.	5.2	50
9	Mesoporous Alumina as an Effective Adsorbent for Molybdenum (Mo) toward Instant Production of Radioisotope for Medical Use. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1174-1179.	2.0	49
10	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 123, 240-245.	0.3	48
11	Adenosine A1 receptors using 8-dicyclopropylmethyl-1-[11C]methyl-3-propylxanthine PET in Alzheimer's disease. <i>Annals of Nuclear Medicine</i> , 2008, 22, 841-847.	1.2	44
12	Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or Recurrent Nasal Cavity and Paranasal Sinus Carcinoma Treated With Proton Beam. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 704-711.	0.4	42
13	Imaging epigenetic regulation by histone deacetylases in the brain using PET/MRI with 18F-FAHA. <i>NeuroImage</i> , 2013, 64, 630-639.	2.1	42
14	Molybdenum Adsorption Properties of Alumina-Embedded Mesoporous Silica for Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 195-200.	2.0	42
15	A Critical Review of Radiation Therapy: From Particle Beam Therapy (Proton, Carbon, and BNCT) to Beyond. <i>Journal of Personalized Medicine</i> , 2021, 11, 825.	1.1	37
16	Adenosine A1 receptor mapping of the human brain by PET with 8-dicyclopropylmethyl-1-11C-methyl-3-propylxanthine. <i>Journal of Nuclear Medicine</i> , 2005, 46, 32-7.	2.8	37
17	Quantitative analysis of adenosine A1 receptors in human brain using positron emission tomography and [1-methyl-11C]8-dicyclopropylmethyl-1-methyl-3-propylxanthine. <i>Nuclear Medicine and Biology</i> , 2004, 31, 975-981.	0.3	35
18	Imaging of adenosine A1 receptors in the human brain by positron emission tomography with [11C]MPDX. <i>Annals of Nuclear Medicine</i> , 2003, 17, 511-515.	1.2	34

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19	Concurrent chemoradiotherapy using proton beams for unresectable locally advanced pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2019, 136, 37-43.	0.3	34
20	Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. <i>Radiotherapy and Oncology</i> , 2014, 113, 72-76.	0.3	30
21	Proton beam therapy for metastatic liver tumors. <i>Radiotherapy and Oncology</i> , 2015, 117, 322-327.	0.3	30
22	Hyperfractionated Concomitant Boost Proton Beam Therapy for Esophageal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e601-e606.	0.4	27
23	Phase I/IIa PET imaging study with ⁸⁹ zirconium labeled anti-PSMA minibody for urological malignancies. <i>Annals of Nuclear Medicine</i> , 2019, 33, 119-127.	1.2	24
24	Clinical outcomes of previously untreated patients with unresectable intrahepatic cholangiocarcinoma following proton beam therapy. <i>Radiation Oncology</i> , 2019, 14, 241.	1.2	22
25	Proton beam therapy for liver metastases from gastric cancer. <i>Journal of Radiation Research</i> , 2017, 58, 357-362.	0.8	20
26	Proton Beam Therapy for Hepatocellular Carcinoma: A Review of the University of Tsukuba Experience. <i>International Journal of Particle Therapy</i> , 2016, 2, 570-578.	0.9	20
27	Proton Irradiation in a Single Fraction for Hepatocellular Carcinoma Patients with Uncontrollable Ascites. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 411-416.	1.0	19
28	Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. <i>Radiotherapy and Oncology</i> , 2014, 113, 54-59.	0.3	19
29	Investigation of the Geometric Accuracy of Proton Beam Irradiation in the Liver. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 826-833.	0.4	18
30	Registration error of the liver CT using deformable image registration of MIM Maestro and Velocity AI. <i>BMC Medical Imaging</i> , 2017, 17, 30.	1.4	18
31	Reduced ¹²⁵ I-meta-iodobenzylguanidine uptake and norepinephrine transporter density in the hearts of mice with MPTP-induced parkinsonism. <i>Nuclear Medicine and Biology</i> , 2006, 33, 37-42.	0.3	17
32	Follow-up study of liver metastasis from breast cancer treated by proton beam therapy. <i>Molecular and Clinical Oncology</i> , 2017, 7, 56-60.	0.4	16
33	Biomolecule-Assisted Synthesis of Hierarchical Multilayered Boehmite and Alumina Nanosheets for Enhanced Molybdenum Adsorption. <i>Chemistry - A European Journal</i> , 2019, 25, 4843-4855.	1.7	16
34	Reverse micelle-mediated synthesis of plate-assembled hierarchical three-dimensional flower-like gamma-alumina particles. <i>Microporous and Mesoporous Materials</i> , 2021, 321, 111055.	2.2	16
35	Proton beam therapy for hepatocellular carcinoma associated with inferior vena cava tumor thrombus. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 711-720.	1.2	15
36	Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. <i>Journal of Radiation Research</i> , 2012, 53, 945-953.	0.8	11

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37	Radiotherapy for liver cancer. <i>Journal of General and Family Medicine</i> , 2017, 18, 126-130.	0.3	11
38	A validated proton beam therapy patch-field protocol for effective treatment of large hepatocellular carcinoma. <i>Journal of Radiation Research</i> , 2018, 59, 632-638.	0.8	11
39	Mesoporous Alumina-Titania Composites with Enhanced Molybdenum Adsorption towards Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 502-507.	2.0	10
40	What can be identified by three-phase bone scintigraphy in patients with chronic osteomyelitis of the mandible?. <i>Annals of Nuclear Medicine</i> , 2010, 24, 287-293.	1.2	8
41	A retrospective study of late adverse events in proton beam therapy for prostate cancer. <i>Molecular and Clinical Oncology</i> , 2017, 7, 547-552.	0.4	8
42	Benzodiazepine effect of 125I- <i>iomazenil</i> —benzodiazepine receptor binding and serum corticosterone level in a rat model. <i>Nuclear Medicine and Biology</i> , 2005, 32, 95-100.	0.3	7
43	Multipoint analysis of reduced 125I-meta-iodobenzylguanidine uptake and norepinephrine turnover in the hearts of mice with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced parkinsonism. <i>Nuclear Medicine and Biology</i> , 2009, 36, 623-629.	0.3	7
44	Proton beam therapy for locally advanced and unresectable (T4bN0M0) squamous cell carcinoma of the ethmoid sinus: A report of seven cases and a literature review. <i>Oncology Letters</i> , 2015, 10, 201-205.	0.8	7
45	<i>In Vivo</i> 6-([¹⁸ F]Fluoroacetamido)-1-hexanoic anilide PET Imaging of Altered Histone Deacetylase Activity in Chemotherapy-Induced Neurotoxicity. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-12.	0.4	7
46	Simulation study of dosimetric effect in proton beam therapy using concomitant boost technique for unresectable pancreatic cancers. <i>Japanese Journal of Radiology</i> , 2018, 36, 456-461.	1.0	5
47	Separation Effect and Development of Implantation Technique of Hydrogel Spacer for Prostate Cancers. <i>Practical Radiation Oncology</i> , 2022, 12, 226-235.	1.1	5
48	A case of ganglioneuroma in which ¹³¹ I-6-iodomethyl-19-norcholest-5(10)-en-3- α -ol scintigraphy showed high uptake in the adrenal gland leading to a misdiagnosis. <i>Annals of Nuclear Medicine</i> , 2006, 20, 69-73.	1.2	4
49	Application of a deformable registration technique to investigate breath-hold reproducibility. <i>Japanese Journal of Radiology</i> , 2014, 32, 700-707.	1.0	4
50	Particle Beam Therapy for Cancer of the Skull Base, Nasal Cavity, and Paranasal Sinus. <i>ISRN Otolaryngology</i> , 2012, 2012, 1-6.	0.9	3
51	Normal liver tissue change after proton beam therapy. <i>Japanese Journal of Radiology</i> , 2018, 36, 559-565.	1.0	3
52	In Vivo Evaluation of the Combined Anticancer Effects of Cisplatin and SAHA in Nonsmall Cell Lung Carcinoma Using [¹⁸ F]FAHA and [¹⁸ F]FDG PET/CT Imaging. <i>Molecular Imaging</i> , 2021, 2021, 1-11.	0.7	3
53	Effects of diazepam on ¹²⁵ I- <i>iomazenil</i> -benzodiazepine receptor binding and epileptic seizures in the El mouse. <i>Annals of Nuclear Medicine</i> , 2006, 20, 541-546.	1.2	1
54	Proton beam therapy for liver metastasis from breast cancer: five case reports and a review of the literature. <i>International Cancer Conference Journal</i> , 2012, 1, 210-214.	0.2	1

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55	Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. Lung Cancer, 2012, 77, 83-88.	0.9	1
56	Three cases of hepatocellular carcinoma treated 4 $\frac{1}{2}$ times with proton beams. Molecular and Clinical Oncology, 2020, 12, 31-35.	0.4	1
57	Prediction error and required internal margin provided for irregular respiratory movements: a phantom study. Japanese Journal of Radiology, 2015, 33, 303-310.	1.0	0