

# 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  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1489  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	In Vivo Evaluation of the Combined Anticancer Effects of Cisplatin and SAHA in Non-small Cell Lung Carcinoma Using [18F]FAHA and [18F]FDG PET/CT Imaging. <i>Molecular Imaging</i> , 2021, 2021, 1-11.	0.7	3
4	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
5	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
6	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
7	Three cases of hepatocellular carcinoma treated 4½ times with proton beams. <i>Molecular and Clinical Oncology</i> , 2020, 12, 31-35.	0.4	1
8	Concurrent chemoradiotherapy using proton beams for unresectable locally advanced pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2019, 136, 37-43.	0.3	34
9	Clinical outcomes of previously untreated patients with unresectable intrahepatic cholangiocarcinoma following proton beam therapy. <i>Radiation Oncology</i> , 2019, 14, 241.	1.2	22
10	Phase I/IIa PET imaging study with 89zirconium labeled anti-PSMA minibody for urological malignancies. <i>Annals of Nuclear Medicine</i> , 2019, 33, 119-127.	1.2	24
11	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
12	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
13	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
14	<i>In Vivo</i> 6-[ <sup>18</sup> 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
15	Normal liver tissue change after proton beam therapy. <i>Japanese Journal of Radiology</i> , 2018, 36, 559-565.	1.0	3
16	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
17	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
18	Proton beam therapy for liver metastases from gastric cancer. <i>Journal of Radiation Research</i> , 2017, 58, 357-362.	0.8	20

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19	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 123, 240-245.	0.3	48
20	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
21	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
22	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
23	Radiotherapy for liver cancer. <i>Journal of General and Family Medicine</i> , 2017, 18, 126-130.	0.3	11
24	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
25	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
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 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
28	Prediction error and required internal margin provided for irregular respiratory movements: a phantom study. <i>Japanese Journal of Radiology</i> , 2015, 33, 303-310.	1.0	0
29	Proton beam therapy for metastatic liver tumors. <i>Radiotherapy and Oncology</i> , 2015, 117, 322-327.	0.3	30
30	Application of a deformable registration technique to investigate breath-hold reproducibility. <i>Japanese Journal of Radiology</i> , 2014, 32, 700-707.	1.0	4
31	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
32	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
33	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
34	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
35	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
36	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

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37	Evaluation of Liver Function After Proton Beam Therapy for Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2012, 82, e529-e535.	0.4	64
38	Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or Recurrent Nasal Cavity and Paranasal Sinus Carcinoma Treated With Proton Beam. International Journal of Radiation Oncology Biology Physics, 2012, 83, 704-711.	0.4	42
39	Proton beam therapy for liver metastasis from breast cancer: five case reports and a review of the literature. International Cancer Conference Journal, 2012, 1, 210-214.	0.2	1
40	Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. Lung Cancer, 2012, 77, 83-88.	0.9	1
41	Proton Beam Therapy for Hepatocellular Carcinoma: A Comparison of Three Treatment Protocols. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1039-1045.	0.4	148
42	Hyperfractionated Concomitant Boost Proton Beam Therapy for Esophageal Carcinoma. International Journal of Radiation Oncology Biology Physics, 2011, 81, e601-e606.	0.4	27
43	What can be identified by three-phase bone scintigraphy in patients with chronic osteomyelitis of the mandible?. Annals of Nuclear Medicine, 2010, 24, 287-293.	1.2	8
44	A Prospective Study of Hypofractionated Proton Beam Therapy for Patients With Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2009, 74, 831-836.	0.4	196
45	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. Nuclear Medicine and Biology, 2009, 36, 623-629.	0.3	7
46	Adenosine A1 receptors using 8-dicyclopropylmethyl-1-[11C]methyl-3-propylxanthine PET in Alzheimer's disease. Annals of Nuclear Medicine, 2008, 22, 841-847.	1.2	44
47	Proton Beam Therapy for Hepatocellular Carcinoma Adjacent to the Porta Hepatis. International Journal of Radiation Oncology Biology Physics, 2008, 71, 462-467.	0.4	89
48	Proton Irradiation in a Single Fraction for Hepatocellular Carcinoma Patients with Uncontrollable Ascites. Strahlentherapie Und Onkologie, 2007, 183, 411-416.	1.0	19
49	Reduced 125I-meta-iodobenzylguanidine uptake and norepinephrine transporter density in the hearts of mice with MPTP-induced parkinsonism. Nuclear Medicine and Biology, 2006, 33, 37-42.	0.3	17
50	Repeated proton beam therapy for hepatocellular carcinoma. International Journal of Radiation Oncology Biology Physics, 2006, 65, 196-202.	0.4	92
51	Proton Beam Therapy for Hepatocellular Carcinoma Patients with Severe Cirrhosis. Strahlentherapie Und Onkologie, 2006, 182, 713-720.	1.0	63
52	A case of ganglioneuroma in which 131I-iodomethyl-19-norcholest-5(10)-en-3-ol scintigraphy showed high uptake in the adrenal gland leading to a misdiagnosis. Annals of Nuclear Medicine, 2006, 20, 69-73.	1.2	4
53	Effects of diazepam on 125I-iodomethyl-19-norcholest-5(10)-en-3-ol benzodiazepine receptor binding and epileptic seizures in the El mouse. Annals of Nuclear Medicine, 2006, 20, 541-546.	1.2	1
54	Benzodiazepine effect of 125I-iodomethyl-19-norcholest-5(10)-en-3-ol benzodiazepine receptor binding and serum corticosterone level in a rat model. Nuclear Medicine and Biology, 2005, 32, 95-100.	0.3	7

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55	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
56	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
57	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