

# Mitsuaki Tatsumi

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,241  
citations

279798

23  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Stability and Practicality for Synthesis of 4-Borono-2-[ <sup>18</sup> F]fluoro-L-phenylalanine by Combination of [ <sup>18</sup> O]O <sub>2</sub> Single-Use and [ <sup>18</sup> F]CH <sub>3</sub> COOF Labeling Agents. <i>Nuclear Medicine and Molecular Imaging</i> , 2022, 56, 86-95.	1.0	4
2	Evaluation of Integrin $\alpha_3\beta_3$ Expression in Murine Xenograft Models: [ <sup>68</sup> Ga]Ga-DOTA-C(RGDfk) PET Study with Immunohistochemical Confirmation. <i>Diagnostics</i> , 2021, 11, 1295.	2.6	2
3	Effects of New Bayesian Penalized Likelihood Reconstruction Algorithm on Visualization and Quantification of Upper Abdominal Malignant Tumors in Clinical FDG PET/CT Examinations. <i>Frontiers in Oncology</i> , 2021, 11, 707023.	2.8	3
4	One-pot and one-step automated radio-synthesis of [ <sup>18</sup> F]AlF-FAPI-74 using a multi purpose synthesizer: a proof-of-concept experiment. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 28.	3.9	9
5	Peritumoral Lymphatic Vessels Associated with Resistance to Neoadjuvant Chemotherapy and Unfavorable Survival in Esophageal Cancer. <i>Annals of Surgical Oncology</i> , 2020, 27, 3762-3769.	1.5	4
6	Automated [ <sup>18</sup> F]PSMA-1007 production by a single use cassette-type synthesizer for clinical examination. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020, 5, 18.	3.9	11
7	Evaluation of D-isomer of F-FBPA for oncology PET focusing on the differentiation of glioma and inflammation. <i>Asia Oceania Journal of Nuclear Medicine and Biology</i> , 2020, 8, 102-108.	0.1	2
8	Rationale for Translational Research on Targeted Alpha Therapy in Japan "Renaissance of Radiopharmaceuticals Utilizing Astatine-211 and Actinium-225". <i>Radioisotopes</i> , 2020, 69, 329-340.	0.2	0
9	Metabolic Tumor Volume Change Predicts Long-term Survival and Histological Response to Preoperative Chemotherapy in Locally Advanced Esophageal Cancer. <i>Annals of Surgery</i> , 2019, 270, 1090-1095.	4.2	47
10	Nuclear medicine practice in Japan: a report of the eighth nationwide survey in 2017. <i>Annals of Nuclear Medicine</i> , 2019, 33, 725-732.	2.2	33
11	Volumetric and texture analysis on FDG PET in evaluating and predicting treatment response and recurrence after chemotherapy in follicular lymphoma. <i>International Journal of Clinical Oncology</i> , 2019, 24, 1292-1300.	2.2	28
12	Impact of <sup>18</sup> F-PSMA-1007 Uptake in Prostate Cancer Using Different Peptide Concentrations: Preclinical PET/CT Study on Mice. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1594-1599.	5.0	15
13	Simplified Dynamic Phantom for Pediatric Renography: A Description of Instrument and its Performance. <i>Asia Oceania Journal of Nuclear Medicine and Biology</i> , 2019, 7, 38-48.	0.1	0
14	Assessment of Myometrial Invasion in Premenopausal Grade 1 Endometrial Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 412-417.	0.9	7
15	European research trends in nuclear medicine. <i>Annals of Nuclear Medicine</i> , 2018, 32, 579-582.	2.2	10
16	Phantom Study of In-Stent Restenosis at High-Spatial-Resolution CT. <i>Radiology</i> , 2018, 289, 255-260.	7.3	35
17	Evaluation of the default-mode network by quantitative <sup>15</sup> O-PET: comparative study between cerebral blood flow and oxygen consumption. <i>Annals of Nuclear Medicine</i> , 2018, 32, 485-491.	2.2	6
18	Importance of positron emission tomography for assessing the response of primary and metastatic lesions to induction treatments in T4 esophageal cancer. <i>Surgery</i> , 2017, 162, 836-845.	1.9	25

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19	Application of non-Gaussian water diffusional kurtosis imaging in the assessment of uterine tumors: A preliminary study. PLoS ONE, 2017, 12, e0188434.	2.5	5
20	Assessment of Mediastinal Tumors Using SUV and Volumetric Parameters on FDG-PET/CT. Asia Oceania Journal of Nuclear Medicine and Biology, 2017, 5, 22-29.	0.1	8
21	Single-breath-hold thin-slice gadoteric acid-enhanced hepatobiliary MR imaging using a newly developed three-dimensional fast spoiled gradient-echo sequence. Magnetic Resonance Imaging, 2016, 34, 545-551.	1.8	3
22	Prognostic significance of metabolic tumor burden by positron emission tomography/computed tomography in patients with relapsed/refractory diffuse large B-cell lymphoma. Cancer Science, 2015, 106, 186-193.	3.9	26
23	Clinical utility of 2-[18F] fluoro-2-deoxy-D-glucose positron emission tomography in predicting World Health Organization grade in pancreatic neuroendocrine tumors. Surgery, 2015, 157, 269-276.	1.9	23
24	Prognostic Value of FDG-PET, Based on the Revised Response Criteria, in Patients with Malignant Lymphoma: A Comparison with CT/MRI Evaluations, Based on the International Working Group/Cotswolds Meeting Criteria. Asia Oceania Journal of Nuclear Medicine and Biology, 2015, 3, 91-8.	0.1	1
25	Endometrial cancer: preoperative staging using three-dimensional T2-weighted turbo spin-echo and diffusion-weighted MR imaging at 3.0T: a prospective comparative study. European Radiology, 2013, 23, 2296-2305.	4.5	44
26	Quantitative Evaluation of Cerebral Blood Flow and Oxygen Metabolism in Normal Anesthetized Rats: <sup>15</sup> O-Labeled Gas Inhalation PET with MRI Fusion. Journal of Nuclear Medicine, 2013, 54, 283-290.	5.0	31
27	Multicenter Phase II Study of Bendamustine Plus Rituximab in Patients With Relapsed or Refractory Diffuse Large B-Cell Lymphoma. Journal of Clinical Oncology, 2013, 31, 2103-2109.	1.6	149
28	Evaluation of Response to Neoadjuvant Chemotherapy for Esophageal Cancer: PET Response Criteria in Solid Tumors Versus Response Evaluation Criteria in Solid Tumors. Journal of Nuclear Medicine, 2012, 53, 872-880.	5.0	89
29	Simultaneous PET/MR body imaging in rats: initial experiences with an integrated PET/MRI scanner. Annals of Nuclear Medicine, 2012, 26, 444-449.	2.2	14
30	Hypervascular hepatocellular carcinomas: detection with gadoterate disodium-enhanced MR imaging and multiphasic multidetector CT. European Radiology, 2012, 22, 845-854.	4.5	62
31	A multicenter phase II study of bendamustine with rituximab in patients with relapsed/refractory diffuse large B-cell lymphoma (DLBCL).. Journal of Clinical Oncology, 2012, 30, 8023-8023.	1.6	2
32	<sup>18</sup> F-FDG PET/MRI fusion in characterizing pancreatic tumors: comparison to PET/CT. International Journal of Clinical Oncology, 2011, 16, 408-415.	2.2	51
33	Uterine Tumors: Comparison of 3D versus 2D T2-weighted Turbo Spin-Echo MR Imaging at 3.0 T Initial Experience. Radiology, 2011, 258, 154-163.	7.3	54
34	Design and performance from an integrated PET/MRI system for small animals. Annals of Nuclear Medicine, 2010, 24, 89-98.	2.2	79
35	Hepatocellular Carcinoma: Hepatocyte-selective Enhancement at Gadoteric Acid-enhanced MR Imaging Correlation with Expression of Sinusoidal and Canalicular Transporters and Bile Accumulation. Radiology, 2010, 255, 824-833.	7.3	234
36	Imaging Uterine Cervical Cancer with FDG-PET/CT: Direct Comparison with PET. Molecular Imaging and Biology, 2009, 11, 229-235.	2.6	19

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37	18F-FDG-PET in patients with malignant lymphoma having long-term follow-up: staging and restaging, and evaluation of treatment response and recurrence. <i>Annals of Nuclear Medicine</i> , 2008, 22, 795-802.	2.2	15
38	18F-FDG PET/CT in Evaluating Non-CNS Pediatric Malignancies. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1923-1931.	5.0	39
39	Correlation of GLUT-1 Overexpression, Tumor Size, and Depth of Invasion with 18F-2-fluoro-2-deoxy-d-glucose Uptake by Positron Emission Tomography in Colorectal Cancer. <i>Digestive Diseases and Sciences</i> , 2006, 51, 2198-2205.	2.3	79
40	Initial experience with FDG-PET/CT in the evaluation of breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 254-262.	6.4	133
41	Fusion Image of Positron Emission Tomography and Computed Tomography for the Diagnosis of Local Recurrence of Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2005, 12, 561-569.	1.5	41
42	Direct Comparison of FDG PET and CT Findings in Patients with Lymphoma: Initial Experience. <i>Radiology</i> , 2005, 237, 1038-1045.	7.3	130
43	Tumor Response Assessment Is More Robust With Sequential CT Scanning Than External Caliper Measurements1. <i>Academic Radiology</i> , 2005, 12, 776-781.	2.5	23
44	Bacteriolytic therapy can generate a potent immune response against experimental tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15172-15177.	7.1	244
45	Intense (18)F-FDG uptake in brown fat can be reduced pharmacologically. <i>Journal of Nuclear Medicine</i> , 2004, 45, 1189-93.	5.0	112
46	Impact of body habitus on quantitative and qualitative image quality in whole-body FDG-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 40-45.	6.4	33
47	Fluorodeoxyglucose Uptake in the Aortic Wall at PET/CT: Possible Finding for Active Atherosclerosis. <i>Radiology</i> , 2003, 229, 831-837.	7.3	207
48	Initial experience in small animal tumor imaging with a clinical positron emission tomography/computed tomography scanner using 2-[F-18]fluoro-2-deoxy-D-glucose. <i>Cancer Research</i> , 2003, 63, 6252-7.	0.9	50