# Takashi Yoshiura

## List of Publications by Year
## in descending order

| 80 papers | 1,625 citations | 394421 19 h-index | 330143 37 g-index |
|---|---|---|---|
| 83 all docs | 83 docs citations | 83 times ranked | 2659 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Amide proton transfer imaging of adult diffuse gliomas: correlation with histopathological grades. Neuro-Oncology, 2014, 16, 441-448. | 1.2 | 312 |
| 2 | Diffusion tensor in posterior cingulate gyrus: correlation with cognitive decline in Alzheimer??s disease. NeuroReport, 2002, 13, 2299-2302. | 1.2 | 107 |
| 3 | Texture analysis of 18F-FDG PET/CT to predict tumour response and prognosis of patients with esophageal cancer treated by chemoradiotherapy. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 206-214. | 6.4 | 97 |
| 4 | Arterial spin labelling at 3-T MR imaging for detection of individuals with Alzheimer's disease. European Radiology, 2009, 19, 2819-2825. | 4.5 | 81 |
| 5 | High b value diffusion-weighted imaging is more sensitive to white matter degeneration in Alzheimer's disease. NeuroImage, 2003, 20, 413-419. | 4.2 | 66 |
| 6 | Biological heterogeneity of obsessive–compulsive disorder: A voxel–based morphometric study based on dimensional assessment. Psychiatry and Clinical Neurosciences, 2015, 69, 411-421. | 1.8 | 41 |
| 7 | Scan–rescan reproducibility of parallel transmission based amide proton transfer imaging of brain tumors. Journal of Magnetic Resonance Imaging, 2015, 42, 1346-1353. | 3.4 | 41 |
| 8 | ADC histogram analysis for adrenal tumor histogram analysis of apparent diffusion coefficient in differentiating adrenal adenoma from pheochromocytoma. Journal of Magnetic Resonance Imaging, 2017, 45, 1195-1203. | 3.4 | 41 |
| 9 | Brain Atrophy in Peritoneal Dialysis and CKD Stages 3-5: A Cross-sectional and Longitudinal Study. American Journal of Kidney Diseases, 2015, 65, 312-321. | 1.9 | 37 |
| 10 | Histogram analysis of amide proton transfer–weighted imaging: comparison of glioblastoma and solitary brain metastasis in enhancing tumors and peritumoral regions. European Radiology, 2019, 29, 4133-4140. | 4.5 | 35 |
| 11 | Amide Proton Transfer Imaging of Diffuse Gliomas: Effect of Saturation Pulse Length in Parallel Transmission-Based Technique. PLoS ONE, 2016, 11, e0155925. | 2.5 | 30 |
| 12 | The clinical value of texture analysis of dual-time-point 18F-FDG-PET/CT imaging to differentiate between 18F-FDG-avid benign and malignant pulmonary lesions. European Radiology, 2020, 30, 1759-1769. | 4.5 | 28 |
| 13 | Application of a Machine Learning Approach for the Analysis of Clinical and Radiomic Features of Pretreatment [18F]-FDG PET/CT to Predict Prognosis of Patients with Endometrial Cancer. Molecular Imaging and Biology, 2021, 23, 756-765. | 2.6 | 28 |
| 14 | Texture analysis of FDG PET/CT for differentiating between FDG-avid benign and metastatic adrenal tumors: efficacy of combining SUV and texture parameters. Abdominal Radiology, 2017, 42, 2882-2889. | 2.1 | 27 |
| 15 | A pilot study for texture analysis of 18F-FDG and 18F-FLT-PET/CT to predict tumor recurrence of patients with colorectal cancer who received surgery. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2158-2168. | 6.4 | 26 |
| 16 | Balloon test occlusion of internal carotid artery: Angiographic findings predictive of results. World Journal of Radiology, 2014, 6, 619. | 1.1 | 26 |
| 17 | Quantification of Myocardial Iron Deficiency in Nonischemic Heart Failure by Cardiac T2* Magnetic Resonance Imaging. American Journal of Cardiology, 2014, 113, 1024-1030. | 1.6 | 25 |
| 18 | The Application of Dynamic Contrast-Enhanced MRI and Diffusion-Weighted MRI in Patients with Maxillofacial Tumors. Academic Radiology, 2015, 22, 210-216. | 2.5 | 25 |

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|---|---------|----|-----------| 
| 19 | Age-related structural changes in the young adult brain shown by magnetic resonance diffusion tensor imaging1. Academic Radiology, 2005, 12, 268-275. | 2.5 | 23 |
| 20 | Extracellular volume fraction determined by equilibrium contrast-enhanced multidetector computed tomography as a prognostic factor in unresectable pancreatic adenocarcinoma treated with chemotherapy. European Radiology, 2019, 29, 353-361. | 4.5 | 23 |
| 21 | Histological Grade of Meningioma: Prediction by Intravoxel Incoherent Motion Histogram Parameters. Academic Radiology, 2020, 27, 342-353. | 2.5 | 23 |
| 22 | High-resolution three-dimensional diffusion-weighted MRI/CT image data fusion for cholesteatoma surgical planning: a feasibility study. European Archives of Oto-Rhino-Laryngology, 2015, 272, 3821-3824. | 1.6 | 22 |
| 23 | Human middle latency auditory evoked magnetic fields. Brain Topography, 1996, 8, 291-296. | 1.8 | 20 |
| 24 | Texture analysis of ^{18}F-FDG PET/CT for grading thymic epithelial tumours: usefulness of combining SUV and texture parameters. British Journal of Radiology, 2018, 91, 20170546. | 2.2 | 19 |
| 25 | Extracellular volume fraction determined by equilibrium contrast-enhanced dual-energy CT as a prognostic factor in patients with stage IV pancreatic ductal adenocarcinoma. European Radiology, 2020, 30, 1679-1689. | 4.5 | 19 |
| 26 | MR Relative Cerebral Blood Flow Mapping of Alzheimer Disease. Academic Radiology, 2002, 9, 1383-1387. | 2.5 | 18 |
| 27 | Novel method to estimate and display cerebral cortical degeneration using diffusion-weighted magnetic resonance imaging. Magnetic Resonance in Medicine, 2005, 54, 455-459. | 3.0 | 17 |
| 28 | Mapping of Subcortical White Matter Abnormality in Alzheimer's Disease Using Diffusion-Weighted Magnetic Resonance Imaging. Academic Radiology, 2006, 13, 1460-1464. | 2.5 | 17 |
| 29 | Risk factors for radiation pneumonitis after stereotactic radiation therapy for lung tumours: clinical usefulness of the planning target volume to total lung volume ratio. British Journal of Radiology, 2018, 91, 20170453. | 2.2 | 17 |
| 30 | Machine learning based evaluation of clinical and pretreatment 18F-FDG-PET/CT radiomic features to predict prognosis of cervical cancer patients. Abdominal Radiology, 2022, 47, 838-847. | 2.1 | 17 |
| 31 | Whole-tumor apparent diffusion coefficient (ADC) histogram analysis to differentiate benign peripheral neurogenic tumors from soft tissue sarcomas. Journal of Magnetic Resonance Imaging, 2018, 48, 680-686. | 3.4 | 16 |
| 32 | Adding Delayed Phase Images to Dual-Phase Contrast-Enhanced CT Increases Sensitivity for Small Pancreatic Ductal Adenocarcinoma. American Journal of Roentgenology, 2021, 217, 888-897. | 2.2 | 15 |
| 33 | Usefulness of perfusion- and diffusion-weighted imaging to differentiate between pilocytic astrocytomas and high-grade gliomas: a multicenter study in Japan. Neuroradiology, 2018, 60, 391-401. | 2.2 | 14 |
| 34 | Cerebral White Matter Degeneration in Frontotemporal Dementia Detected by Diffusion-Weighted Magnetic Resonance Imaging. Academic Radiology, 2006, 13, 1373-1378. | 2.5 | 12 |
| 35 | Dexamethasone Suppression FDG PET/CT for Differentiating between True- and False-Positive Pulmonary and Mediastinal Lymph Node Metastases in Non–Small Cell Lung Cancer: A Pilot Study of FDG PET/CT after Oral Administration of Dexamethasone. Radiology, 2016, 279, 246-253. | 7.3 | 12 |
| 36 | A Pilot Study of Texture Analysis of Primary Tumor [18F]FDG Uptake to Predict Recurrence in Surgically Treated Patients with Non-small Cell Lung Cancer. Molecular Imaging and Biology, 2019, 21, 771-780. | 2.6 | 11 |

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|---|---------|----|-----------|
| 37 | Deterioration of abstract reasoning ability in mild cognitive impairment and Alzheimer's disease: correlation with regional grey matter volume loss revealed by diffeomorphic anatomical registration through exponentiated lie algebra analysis. European Radiology, 2011, 21, 419-425. | 4.5 | 10 |
| 38 | Intravoxel Incoherent Motion in Normal Pituitary Gland: Initial Study with Turbo Spin-Echo Diffusion-Weighted Imaging. American Journal of Neuroradiology, 2016, 37, 2328-2333. | 2.4 | 10 |
| 39 | FLT-PET/CT diagnosis of primary and metastatic nodal lesions of gastric cancer: comparison with FDG-PET/CT. Abdominal Radiology, 2016, 41, 1891-1898. | 2.1 | 10 |
| 40 | Comparison of proton beam radiotherapy and hyper-fractionated accelerated chemoradiotherapy for locally advanced pancreatic cancer. Pancreatology, 2017, 17, 833-838. | 1.1 | 10 |
| 41 | A pilot study exploring the association of morphological changes with 5-HTTLPR polymorphism in OCD patients. Annals of General Psychiatry, 2017, 16, 2. | 2.7 | 10 |
| 42 | Proton Beam Therapy Alone for Intermediate- or High-Risk Prostate Cancer: An Institutional Prospective Cohort Study. Cancers, 2018, 10, 116. | 3.7 | 10 |
| 43 | Evaluation of glioblastomas and lymphomas with whole-brain CT perfusion: Comparison between a delay-invariant singular-value decomposition algorithm and a Patlak plot. Journal of Neuroradiology, 2016, 43, 266-272. | 1.1 | 9 |
| 44 | Pacemaker malfunction associated with proton beam therapy: a report of two cases and review of literature—does field-to-generator distance matter?. Oxford Medical Case Reports, 2016, 2016, omw049. | 0.4 | 9 |
| 45 | $^{18}$F-FDG-PET/CT features of primary tumours for predicting the risk of recurrence in thyroid cancer after total thyroidectomy: potential usefulness of combination of the SUV-related, volumetric, and heterogeneous texture parameters. British Journal of Radiology, 2019, 92, 20180620. | 2.2 | 9 |
| 46 | Value of Patlak Ki images from 18F-FDG-PET/CT for evaluation of the relationships between disease activity and clinical events in cardiac sarcoidosis. Scientific Reports, 2021, 11, 2729. | 3.3 | 9 |
| 47 | Correlation between clinical and radiologic features of patients with Gerstmann-Sträussler-Scheinker syndrome (Pro102Leu). Journal of the Neurological Sciences, 2018, 391, 15-21. | 0.6 | 8 |
| 48 | Volumetric study reveals the relationship between outcome and early radiographic response during bevacizumab-containing chemoradiotherapy for unresectable glioblastoma. Journal of Neuro-Oncology, 2021, 154, 187-196. | 2.9 | 8 |
| 49 | MR Tractography Based on Directional Diffusion Function. Academic Radiology, 2008, 15, 186-192. | 2.5 | 7 |
| 50 | The value of intratumoral heterogeneity of $^{18}$F-FDG uptake to differentiate between primary benign and malignant musculoskeletal tumours on PET/CT. British Journal of Radiology, 2015, 88, 20150552. | 2.2 | 7 |
| 51 | Evaluation of diffusivity in pituitary adenoma: 3D turbo field echo with diffusion-sensitized driven-equilibrium preparation. British Journal of Radiology, 2016, 89, 20150755. | 2.2 | 7 |
| 52 | Neoadjuvant chemoradiotherapy with docetaxel, cisplatin, and 5-fluorouracil (DCF-RT) for locally advanced esophageal squamous cell carcinoma. Cancer Chemotherapy and Pharmacology, 2019, 83, 581-587. | 2.3 | 7 |
| 53 | Application of a machine learning approach to characterization of liver function using 99mTc-GSA SPECT/CT. Abdominal Radiology, 2021, 46, 3184-3192. | 2.1 | 7 |
| 54 | Correlation between amide proton transfer-related signal intensity and diffusion and perfusion magnetic resonance imaging parameters in high-grade glioma. Scientific Reports, 2021, 11, 11223. | 3.3 | 7 |

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|---|---------|-----|-----------|
| 55 | The efficacy of ^{18}F-FDG-PET-based radiomic and deep-learning features using a machine-learning approach to predict the pathological risk subtypes of thymic epithelial tumors. British Journal of Radiology, 2022, 95, 20211050. | 2.2 | 7 |
| 56 | Intra- and interhemispheric variations of diffusivity in subcortical white matter in normal human brain. European Radiology, 2010, 20, 227-233. | 4.5 | 6 |
| 57 | FDG-PET/CT and FLT-PET/CT for differentiating between lipid-poor benign and malignant adrenal tumours. European Radiology, 2015, 25, 3696-3705. | 4.5 | 6 |
| 58 | Comparison of conservative treatment versus transcatheter arterial embolisation for the treatment of spontaneously ruptured hepatocellular carcinoma. Polish Journal of Radiology, 2018, 83, 311-318. | 0.9 | 6 |
| 59 | Balanced MR cholangiopancreatography with motion-sensitized driven-equilibrium (MSDE) preparation: Feasibility and optimization of imaging parameters. Magnetic Resonance Imaging, 2015, 33, 1219-1223. | 1.8 | 5 |
| 60 | Amide Proton Transfer Imaging of Cavernous Malformation in the Cavernous Sinus. Magnetic Resonance in Medical Sciences, 2019, 18, 109-110. | 2.0 | 5 |
| 61 | Quantitative pharmacokinetic analysis of high-temporal-resolution dynamic contrast-enhanced MRI to differentiate the normal-appearing pituitary gland from pituitary macroadenoma. Japanese Journal of Radiology, 2020, 38, 649-657. | 2.4 | 5 |
| 62 | Histogram analysis with automated extraction of brain-tissue region from whole-brain CT images. SpringerPlus, 2015, 4, 788. | 1.2 | 4 |
| 63 | Investigation of whether in-room CT-based adaptive intracavitary brachytherapy for uterine cervical cancer is robust against interfractional location variations of organs and/or applicators. Journal of Radiation Research, 2016, 57, 677-683. | 1.6 | 4 |
| 64 | A pilot study of the diagnostic and prognostic values of FLT-PET/CT for pancreatic cancer: comparison with FDG-PET/CT. Abdominal Radiology, 2017, 42, 1210-1221. | 2.1 | 4 |
| 65 | Visual enhancement pattern during the delayed phase of enhanced CT as an independent prognostic factor in stage IV pancreatic ductal adenocarcinoma. Pancreatology, 2020, 20, 1155-1163. | 1.1 | 4 |
| 66 | Cortical Damage in Alzheimer's Disease. Academic Radiology, 2008, 15, 193-200. | 2.5 | 3 |
| 67 | Age-related microstructural changes in subcortical white matter during postadolescent periods in men revealed by diffusion-weighted MR imaging. Human Brain Mapping, 2009, 30, 3142-3150. | 3.6 | 3 |
| 68 | Assessment of microvessel perfusion of pituitary adenomas: a feasibility study using turbo spin-echo-based intravoxel incoherent motion imaging. European Radiology, 2020, 30, 1908-1917. | 4.5 | 3 |
| 69 | [18F]-FDG-PET/CT and [18F]-FAZA-PET/CT Hypoxia Imaging of Metastatic Thyroid Cancer: Association with Short-Term Progression After Radioiodine Therapy. Molecular Imaging and Biology, 2020, 22, 1609-1620. | 2.6 | 3 |
| 70 | Clinical Utility and Limitation of Diagnostic Ability for Different Degrees of Dysplasia of Intraductal Papillary Mucinous Neoplasms of the Pancreas Using 18F-Fluorodeoxyglucose-Positron Emission Tomography/Computed Tomography. Cancers, 2021, 13, 4633. | 3.7 | 3 |
| 71 | Refractory Lymphatic Fistula after Pancreaticoduodenectomy Treated by Percutaneous Transhepatic Lymphography. Japanese Journal of Gastroenterological Surgery, 2017, 50, 721-727. | 0.1 | 3 |
| 72 | Application of adrenal maximum standardized uptake value to 131I-6$\beta$-iodomethyl-19-norcholesterol SPECT/CT for characterizing unilateral hyperfunctioning adrenocortical masses. European Journal of Radiology, 2020, 133, 109397. | 2.6 | 3 |

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|---|---------|----|-----------|
| 73 | Oxidative stress induced by portal vein embolization in fatty liver: Experimental study of a nonalcoholic steatohepatitis model. Biomedical Reports, 2018, 9, 357-363. | 2.0 | 2 |
| 74 | Differentiation of hemangioblastoma from brain metastasis using MR amide proton transfer imaging. Journal of Neuroimaging, 2022, 32, 920-929. | 2.0 | 2 |
| 75 | <p>Clinical Outcomes of Proton Beam Therapy for Ground-Glass Opacity-Type Lung Cancer</p>. Lung Cancer: Targets and Therapy, 2020, Volume 11, 105-111. | 2.7 | 1 |
| 76 | A pilot study on EORTC or PERCIST for the prediction of progression-free survival with nivolumab therapy in advanced or metastatic gastric cancers. Medicine (United States), 2021, 100, e25494. | 1.0 | 1 |
| 77 | Intravoxel incoherent motion magnetic resonance imaging findings in the acute phase of MELAS : a case report. Brain and Behavior, 2014, 4, 798-800. | 2.2 | 0 |
| 78 | Preliminary experimental study on splenic hemodynamics of radiofrequency ablation for the spleen. Minimally Invasive Therapy and Allied Technologies, 2017, 26, 193-199. | 1.2 | 0 |
| 79 | Visualization of incidentally imaged pituitary gland on three-dimensional arterial spin labeling of the brain. British Journal of Radiology, 2021, 94, 20201311. | 2.2 | 0 |
| 80 | Four-Dimensional Flow Magnetic Resonance Imaging in the Evaluation of Intracardiac Oxygenation in an Infant With a Single Ventricle. Circulation Journal, 2021, 86, 166. | 1.6 | 0 |