

Kaori Togashi

List of Publications by Year in descending order

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99
papers

2,274
citations

201674

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254184

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100
docs citations

100
times ranked

3236
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Malignant Breast Lesions Using High-resolution Readout-segmented Diffusion-weighted Echo-planar Imaging: Comparison with Pathology. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 204-215.	2.0	17
2	Qualitative and Quantitative Assessment of Nonlocal Means Reconstruction Algorithm in a Flexible PET Scanner. <i>American Journal of Roentgenology</i> , 2021, 216, 486-493.	2.2	3
3	Signal Intensity and Volume of Pituitary and Thyroid Glands in Preterm and Term Infants. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1151-1161.	3.4	3
4	Optimization of prediction methods for risk assessment of pathogenic germline variants in the Japanese population. <i>Cancer Science</i> , 2021, 112, 3338-3348.	3.9	3
5	First-in-Human Evaluation of Positron Emission Tomography/Computed Tomography With [18F]FB(ePEG12)12-Exendin-4: A Phase 1 Clinical Study Targeting GLP-1 Receptor Expression Cells in Pancreas. <i>Frontiers in Endocrinology</i> , 2021, 12, 717101.	3.5	12
6	Influence of Asthma Onset on Airway Dimensions on Ultra-high-resolution Computed Tomography in Chronic Obstructive Pulmonary Disease. <i>Journal of Thoracic Imaging</i> , 2021, 36, 224-230.	1.5	8
7	Performance Evaluation of a Newly Developed MR-Compatible Mobile PET Scanner with Two Detector Layouts. <i>Molecular Imaging and Biology</i> , 2020, 22, 407-415.	2.6	4
8	Quantitative and Qualitative Evaluation of Convolutional Neural Networks with a Deeper U-Net for Sparse-View Computed Tomography Reconstruction. <i>Academic Radiology</i> , 2020, 27, 563-574.	2.5	16
9	Usefulness of gradient tree boosting for predicting histological subtype and EGFR mutation status of non-small cell lung cancer on 18F FDG-PET/CT. <i>Annals of Nuclear Medicine</i> , 2020, 34, 49-57.	2.2	62
10	Evaluation of image quality of pituitary dynamic contrast-enhanced MRI using time-resolved angiography with interleaved stochastic trajectories (TWIST) and iterative reconstruction TWIST (IT-TWIST). <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1497-1506.	3.4	11
11	Brain MRI with Quantitative Susceptibility Mapping: Relationship to CT Attenuation Values. <i>Radiology</i> , 2020, 294, 600-609.	7.3	20
12	Prognostic utility of FDG PET/CT in advanced ovarian, fallopian and primary peritoneal high-grade serous cancer patients before and after neoadjuvant chemotherapy. <i>Annals of Nuclear Medicine</i> , 2020, 34, 128-135.	2.2	10
13	Adaptive Voxel Matching for Temporal CT Subtraction. <i>Journal of Digital Imaging</i> , 2020, 33, 1543-1553.	2.9	1
14	Early and late effects of electroconvulsive therapy associated with different temporal lobe structures. <i>Translational Psychiatry</i> , 2020, 10, 344.	4.8	8
15	Distinguishing intrahepatic mass-forming biliary carcinomas from hepatocellular carcinoma by computed tomography and magnetic resonance imaging using the Bayesian method: a bi-center study. <i>European Radiology</i> , 2020, 30, 5992-6002.	4.5	14
16	Development of Novel PET Imaging Probes for Detection of Amylin Aggregates in the Pancreas. <i>Molecular Pharmaceutics</i> , 2020, 17, 1293-1299.	4.6	3
17	Acceleration of 2D-MR fingerprinting by reducing the number of echoes with increased in-plane resolution: a volunteer study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 783-791.	2.0	2
18	Lobar distribution of non-emphysematous gas trapping and lung hyperinflation in chronic obstructive pulmonary disease. <i>Respiratory Investigation</i> , 2020, 58, 246-254.	1.8	7

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19	Prognostic Value of Quantitative Parameters of ¹⁸ F-FDG PET/CT for Patients With Angiosarcoma. <i>American Journal of Roentgenology</i> , 2020, 214, 649-657.	2.2	16
20	The comparison of high-resolution diffusion weighted imaging (DWI) with high-resolution contrast-enhanced MRI in the evaluation of breast cancers. <i>Magnetic Resonance Imaging</i> , 2020, 71, 161-169.	1.8	13
21	Increased ¹⁴ C-acetate accumulation in IDH-mutated human glioblastoma: implications for detecting IDH-mutated glioblastoma with ¹¹ C-acetate PET imaging. <i>Journal of Neuro-Oncology</i> , 2019, 145, 441-447.	2.9	8
22	FRET-assisted photoactivation of flavoproteins for in vivo two-photon optogenetics. <i>Nature Methods</i> , 2019, 16, 1029-1036.	19.0	32
23	Four "forgotten" messages from four kinds of "forgotten" ligaments of the anterior abdominal wall: have you heard their voices?. <i>Japanese Journal of Radiology</i> , 2019, 37, 750-772.	2.4	8
24	¹⁸ F-labeled benzimidazopyridine derivatives for PET imaging of tau pathology in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3587-3594.	3.0	9
25	Synthesis and biological evaluation of F-18 labeled tetrahydroisoquinoline derivatives targeting orexin 1 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1620-1623.	2.2	10
26	Synthesis and characterization of a novel ¹⁸ F-labeled 2,5-diarylnicotinamide derivative targeting orexin 2 receptor. <i>MedChemComm</i> , 2019, 10, 2126-2130.	3.4	5
27	Time-dependent diffusion MRI to distinguish malignant from benign head and neck tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 88-95.	3.4	30
28	Initial evaluation of PET / CT with ¹⁸ F-FSU ⁸⁸⁰ targeting prostate-specific membrane antigen in prostate cancer patients. <i>Cancer Science</i> , 2019, 110, 742-750.	3.9	10
29	Real-time surveillance of left atrial appendage thrombus during contrast computed tomography imaging for catheter ablation: The Reliability of cOMputed tomography Beyond UltraSound in THROMBUS detection (THROMBUS) study. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 47, 42-50.	2.1	7
30	The role of breast tomosynthesis in a predominantly dense breast population at a tertiary breast centre: breast density assessment and diagnostic performance in comparison with MRI. <i>European Radiology</i> , 2018, 28, 3194-3203.	4.5	7
31	Intra- and inter-observer agreement in the visual interpretation of interim ¹⁸ F-FDG PET/CT in malignant lymphoma: influence of clinical information. <i>Acta Radiologica</i> , 2018, 59, 1218-1224.	1.1	3
32	The influence of elevated hormone levels on physiologic accumulation of ⁶⁸ Ga-DOTATOC. <i>Annals of Nuclear Medicine</i> , 2018, 32, 191-196.	2.2	3
33	Addition of Amide Proton Transfer Imaging to FDG-PET/CT Improves Diagnostic Accuracy in Glioma Grading: A Preliminary Study Using the Continuous Net Reclassification Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 265-272.	2.4	13
34	Effect of long fasting on myocardial accumulation in ¹⁸ F-fluorodeoxyglucose positron emission tomography after chemoradiotherapy for esophageal carcinoma. <i>Journal of Radiation Research</i> , 2018, 59, 182-189.	1.6	9
35	Conversion of iodine to fluorine-18 based on iodinated chalcone and evaluation for ¹²⁵ I-amyloid PET imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3352-3358.	3.0	8
36	Intravoxel Incoherent Motion and Quantitative Non-Gaussian Diffusion MR Imaging: Evaluation of the Diagnostic and Prognostic Value of Several Markers of Malignant and Benign Breast Lesions. <i>Radiology</i> , 2018, 287, 432-441.	7.3	93

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37	What is the most suitable MR signal index for quantitative evaluation of placental function using Half-Fourier acquisition single-shot turbo spin-echo compared with T2-relaxation time?. <i>Acta Radiologica</i> , 2018, 59, 748-754.	1.1	5
38	Predictability of ^{99m} Tc-Galactosyl Human Serum Albumin Scintigraphy for Posthepatectomy Liver Failure. <i>American Journal of Roentgenology</i> , 2018, 210, 158-165.	2.2	12
39	Enhanced intestinal 2-deoxy-2-[¹⁸ F]fluoro-D-glucose uptake under metformin is not fully suppressed by loperamide. <i>Endocrine Regulations</i> , 2018, 52, 185-191.	1.3	2
40	Characterization of Novel ¹⁸ F-Labeled Phenoxymethylpyridine Derivatives as Amylin Imaging Probes. <i>Molecular Pharmaceutics</i> , 2018, 15, 5574-5584.	4.6	3
41	Quantitative measurement of airway dimensions using ultra-high resolution computed tomography. <i>Respiratory Investigation</i> , 2018, 56, 489-496.	1.8	31
42	Visualising peripheral arterioles and venules through high-resolution and large-area photoacoustic imaging. <i>Scientific Reports</i> , 2018, 8, 14930.	3.3	62
43	Complementary regional heterogeneity information from COPD patients obtained using oxygen-enhanced MRI and chest CT. <i>PLoS ONE</i> , 2018, 13, e0203273.	2.5	14
44	Vascular branching point counts using photoacoustic imaging in the superficial layer of the breast: A potential biomarker for breast cancer. <i>Photoacoustics</i> , 2018, 11, 6-13.	7.8	28
45	Real-time 3D Photoacoustic Visualization System with a Wide Field of View for Imaging Human Limbs. <i>F1000Research</i> , 2018, 7, 1813.	1.6	52
46	Magnetic resonance angiography with compressed sensing: An evaluation of moyamoya disease. <i>PLoS ONE</i> , 2018, 13, e0189493.	2.5	36
47	Uterine peristalsis and junctional zone: correlation with age and postmenopausal status. <i>Acta Radiologica</i> , 2017, 58, 224-231.	1.1	7
48	Internal evaluation of impregnation treatment of waterlogged wood; relation between concentration of internal materials and relaxation time using magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2017, 38, 196-201.	1.8	9
49	Visualization of Magnetization Transfer Effect in Polyethylene Glycol Impregnated Waterlogged Wood. <i>Applied Magnetic Resonance</i> , 2017, 48, 125-134.	1.2	2
50	Assessment of treatment response after lung stereotactic body radiotherapy using diffusion weighted magnetic resonance imaging and positron emission tomography: A pilot study. <i>European Journal of Radiology</i> , 2017, 92, 58-63.	2.6	12
51	A study of computer-aided diagnosis for pulmonary nodule: comparison between classification accuracies using calculated image features and imaging findings annotated by radiologists. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 767-776.	2.8	11
52	Temporal Subtraction of Serial CT Images with Large Deformation Diffeomorphic Metric Mapping in the Identification of Bone Metastases. <i>Radiology</i> , 2017, 285, 629-639.	7.3	28
53	Dynamics of gyrification in the human cerebral cortex during development. <i>Congenital Anomalies (discontinued)</i> , 2017, 57, 8-14.	0.6	4
54	Feasibility and diagnostic performance of fractional flow reserve measurement derived from coronary computed tomography angiography in real clinical practice. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 271-281.	1.5	25

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55	MRI findings of isolated tubal torsions: case series of 12 patients. <i>Clinical Imaging</i> , 2017, 41, 28-32.	1.5	13
56	Inflammation-induced synergetic enhancement of nanoparticle treatments with DOXILÂ® and 90Y-Lactosome for orthotopic mammary tumor. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	10
57	Comparative evaluation of respiratory-gated and ungated FDG-PET for target volume definition in radiotherapy treatment planning for pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2016, 120, 217-221.	0.6	16
58	¹¹ C-methylaminoisobutyric acid (MeAIB) PET for evaluation of prostate cancer: compared with ¹⁸ F-fluorodeoxyglucose PET. <i>Annals of Nuclear Medicine</i> , 2016, 30, 553-562.	2.2	7
59	Evaluation of uterine peristalsis using cine MRI on the coronal plane in comparison with the sagittal plane. <i>Acta Radiologica</i> , 2016, 57, 122-127.	1.1	8
60	MR appearance of normal uterine endometrium considering menstrual cycle: differentiation with benign and malignant endometrial lesions. <i>Acta Radiologica</i> , 2016, 57, 1540-1548.	1.1	6
61	A case of pseudomyxoma peritonei: visualization of septa using diffusion-weighted images with low b values. <i>Abdominal Radiology</i> , 2016, 41, 1713-1717.	2.1	3
62	Additional benefit of computed diffusion-weighted imaging for detection of hepatic metastases at 1.5T. <i>Clinical Imaging</i> , 2016, 40, 481-485.	1.5	9
63	Evaluation of Tumor-associated Stroma and Its Relationship with Tumor Hypoxia Using Dynamic Contrast-enhanced CT and ¹⁸ F Misonidazole PET in Murine Tumor Models. <i>Radiology</i> , 2016, 278, 734-741.	7.3	10
64	Optimization of Regularization Parameters in Compressed Sensing of Magnetic Resonance Angiography: Can Statistical Image Metrics Mimic Radiologists' Perception?. <i>PLoS ONE</i> , 2016, 11, e0146548.	2.5	17
65	Quantitative Susceptibility Mapping at 3 T and 1.5 T. <i>Investigative Radiology</i> , 2015, 50, 522-530.	6.2	58
66	MR imaging findings of ovarian torsion correlate with pathological hemorrhagic infarction. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 1433-1439.	1.3	31
67	Z-Spectrum Analysis Provides Proton Environment Data (ZAPPED): A New Two-Pool Technique for Human Gray and White Matter. <i>PLoS ONE</i> , 2015, 10, e0119915.	2.5	2
68	Clinical Report on the First Prototype of a Photoacoustic Tomography System with Dual Illumination for Breast Cancer Imaging. <i>PLoS ONE</i> , 2015, 10, e0139113.	2.5	53
69	Obstructive sleep apnea and abdominal aortic calcification: Is there an association independent of comorbid risk factors?. <i>Atherosclerosis</i> , 2015, 241, 6-11.	0.8	15
70	Subendometrial enhancement and peritumoral enhancement for assessing endometrial cancer on dynamic contrast enhanced MR imaging. <i>European Journal of Radiology</i> , 2015, 84, 581-589.	2.6	28
71	Primary central nervous system lymphoma and glioblastoma: differentiation using dynamic susceptibility-contrast perfusion-weighted imaging, diffusion-weighted imaging, and ¹⁸ F-fluorodeoxyglucose positron emission tomography. <i>Clinical Imaging</i> , 2015, 39, 390-395.	1.5	30
72	Relationship Between ¹⁸ F-FDG PET/CT Scans and KRAS Mutations in Metastatic Colorectal Cancer. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1322-1327.	5.0	48

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73	CT and MR imaging findings of systemic complications occurring during pregnancy and puerperal period, adversely affected by natural changes. <i>European Journal of Radiology Open</i> , 2015, 2, 101-110.	1.6	8
74	FDG uptake observed around the lumbar spinous process: relevance to Baastrup disease. <i>Annals of Nuclear Medicine</i> , 2015, 29, 766-771.	2.2	6
75	Regulation of ¹⁸ F-FDG Accumulation in Colorectal Cancer Cells with Mutated <i>KRAS</i> . <i>Journal of Nuclear Medicine</i> , 2014, 55, 2038-2044.	5.0	65
76	Prevalence and risk factors for chronic co-infection in pulmonary <i>Mycobacterium avium</i> complex disease. <i>BMJ Open Respiratory Research</i> , 2014, 1, e000050.	3.0	32
77	Prediction of clinical outcome after stereotactic body radiotherapy for non-small cell lung cancer using diffusion-weighted MRI and ¹⁸ F-FDG PET. <i>European Journal of Radiology</i> , 2014, 83, 2087-2092.	2.6	25
78	Structure-Activity Relationships and in Vivo Evaluation of Quinoxaline Derivatives for PET Imaging of β -Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 596-600.	2.8	25
79	MR Imaging in Corpus Neoplasia: Spectrum of MR Findings. <i>Current Obstetrics and Gynecology Reports</i> , 2013, 2, 32-42.	0.8	1
80	¹⁸ F-Labeled Phenyl diazenyl Benzothiazole for in Vivo Imaging of Neurofibrillary Tangles in Alzheimer's Disease Brains. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 58-62.	2.8	33
81	Environmental Risk Factors for Pulmonary <i>Mycobacterium avium</i> -intracellulare Complex Disease. <i>Chest</i> , 2011, 140, 723-729.	0.8	54
82	Imaging study of a phantom and small animal with a two-head electron-tracking Compton gamma-ray camera. , 2010, , .		0
83	Whole-heart magnetic resonance coronary angiography with multiple breath-holds and automatic breathing-level tracking. <i>Journal of Applied Physics</i> , 2010, 107, 09B308.	2.5	1
84	Imaging reagents study for nuclear medicine using an electron-tracking Compton gamma-ray camera. , 2009, , .		0
85	Uterine Peristalsis in Women With Repeated IVF Failures: Possible Therapeutic Effect of Hyoscine Bromide. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2009, 31, 732-735.	0.7	19
86	Uterine Contractility Evaluated on Cine Magnetic Resonance Imaging. <i>Annals of the New York Academy of Sciences</i> , 2007, 1101, 62-71.	3.8	33
87	Imaging Ovarian Tumor. <i>Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons)</i> , 2004, 29, 670-678.	0.0	0
88	Ovarian cancer: the clinical role of US, CT, and MRI. <i>European Radiology</i> , 2003, 13, L87-L104.	4.5	111
89	MR imaging of the ovaries: normal appearance and benign disease. <i>Radiologic Clinics of North America</i> , 2003, 41, 799-811.	1.8	33
90	Magnetic Resonance Imaging of Sclerosing Lipogranuloma of Male Genitalia. <i>Journal of Urology</i> , 2002, 168, 1500-1501.	0.4	7

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91	Micro-MR angiography of normal and intratumoral vessels in mice using dedicated intravascular MR contrast agents with high generation of polyamidoamine dendrimer core: Reference to pharmacokinetic properties of dendrimer-based MR contrast agents. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 705-713.	3.4	86
92	Anatomy and physiology of the female pelvis: MR imaging revisited. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 842-849.	3.4	55
93	Novel intravascular macromolecular MRI contrast agent with generation-4 polyamidoamine dendrimer core: Accelerated renal excretion with coinjection of lysine. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 457-464.	3.0	41
94	3D MR angiography of intratumoral vasculature using a novel macromolecular MR contrast agent. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 579-585.	3.0	45
95	Pharmacokinetics and enhancement patterns of macromolecular MR contrast agents with various sizes of polyamidoamine dendrimer cores. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 1169-1173.	3.0	127
96	3D-micro-MR angiography of mice using macromolecular MR contrast agents with polyamidoamine dendrimer core with reference to their pharmacokinetic properties. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 454-460.	3.0	143
97	Polysplenia associated with semiannular pancreas. <i>European Radiology</i> , 2001, 11, 1639-1641.	4.5	15
98	Invited. Cervical cancer. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 391-397.	3.4	52
99	Uterine contractions: Possible diagnostic pitfall at MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 889-893.	3.4	62