Hiroki Kato

List of Publications by Year
in descending order

95 papers	1,257 citations	361413 20 h-index	454955 30 g-index
99 all docs	99 docs citations	99 times ranked	1343 citing authors

#	Article	IF	Citations
1	Deep learning image reconstruction algorithm for pancreatic protocol dual-energy computed tomography: image quality and quantification of iodine concentration. European Radiology, 2022, 32, 384-394.	4.5	27
2	Imaging findings of oral cancers. , 2022, , 55-77.		1
3	Uterine extension determined by MRI: a useful parameter for differentiating subserosal leiomyomas from ovarian tumors. Abdominal Radiology, 2022, , 1.	2.1	2
4	Prognostic value of ^{18}F-FDG PET/CT and MRI features in patients with high-risk and very-high-risk cutaneous squamous cell carcinoma. British Journal of Radiology, 2022, 95, 20211003.	2.2	2
5	MRI findings of epithelial–myoepithelial carcinoma of the parotid gland with radiologic–pathologic correlation. Japanese Journal of Radiology, 2022, 40, 578-585.	2.4	4
6	Spatiotemporal imaging of redox status using in vivo dynamic nuclear polarization magnetic resonance imaging system for early monitoring of response to radiation treatment of tumor. Free Radical Biology and Medicine, 2022, 179, 170-180.	2.9	2
7	A comparative analysis of MRI findings in endometrial cancer: differentiation between endometrioid adenocarcinoma, serous carcinoma, and clear cell carcinoma. European Radiology, 2022, 32, 4128-4136.	4.5	6
8	Different CT imaging findings between histological subtypes in patients with primary thyroid lymphoma. Radiologia Medica, 2022, 127, 191-198.	7.7	5
9	Imaging findings of malignant skin tumors: radiological–pathological correlation. Insights Into Imaging, 2022, 13, 52.	3.4	5
10	Unenhanced abdominal low-dose CT reconstructed with deep learning-based image reconstruction: image quality and anatomical structure depiction. Japanese Journal of Radiology, 2022, 40, 703-711.	2.4	10
11	Radiation and iodine dose reduced thoraco-abdomino-pelvic dual-energy CT at 40 keV reconstructed with deep learning image reconstruction. British Journal of Radiology, 2022, 95, 20211163.	2.2	10
12	Genetic Panel Test of Double Cancer of Signet-Ring Cell/Histiocytoid Carcinoma of the Eyelid and Papillary Thyroid Carcinoma: Case Report and Literature Review. Cureus, 2022, , .	0.5	0
13	Magnetic resonance imaging findings of extrauterine high-grade serous carcinoma based on new pathologic criteria for primary site assignment. Acta Radiologica, 2021, 62, 687-694.	1.1	0
14	MR imaging findings for differentiating nonhemophilic hemosiderotic synovitis from diffuse-type tenosynovial giant cell tumor of the knee. Japanese Journal of Radiology, 2021, 39, 76-83.	2.4	4
15	Imaging findings of cutaneous angiosarcoma of the scalp: Comparison with cutaneous squamous cell carcinoma. Neuroradiology Journal, 2021, 34, 329-334.	1.2	6
16	The Utility of Combined Target and Systematic Prostate Biopsies in the Diagnosis of Clinically Significant Prostate Cancer Using Prostate Imaging Reporting and Data System Version 2 Based on Biparametric Magnetic Resonance Imaging. Current Oncology, 2021, 28, 1294-1301.	2.2	7
17	Computed Tomography Imaging Findings for Predicting Histological Subtypes and Clinical Outcomes in Patients With Head and Neck Nodal Involvement of Diffuse Large B-Cell Lymphoma and Follicular Lymphoma. Journal of Computer Assisted Tomography, 2021, 45, 472-476.	0.9	0
18	Magnetic Resonance Imaging Characteristics of Poroma and Porocarcinoma. Journal of Computer Assisted Tomography, 2021, 45, 447-451.	0.9	2

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19	Development of 20Âcm sample bore size dynamic nuclear polarization (DNP)-MRI at 16ÂmT and redox metabolic imaging of acute hepatitis rat model. Free Radical Biology and Medicine, 2021, 169, 149-157.	2.9	0
20	Imaging findings of trichilemmal cyst and proliferating trichilemmal tumour. Neuroradiology Journal, 2021, 34, 615-621.	1.2	7
21	In Vivo Dynamic Nuclear Polarization Magnetic Resonance Imaging for the Evaluation of Redox-Related Diseases and Theranostics. Antioxidants and Redox Signaling, 2021, , .	5.4	3
22	Reticular enhancement of the submandibular gland on contrast-enhanced magnetic resonance imaging in three cases with IgG4-related chronic sclerosing sialadenitis. Neuroradiology Journal, 2021, , 197140092110344.	1.2	0
23	CT and MRI characteristics of ovarian mature teratoma in patients with anti-N-methyl-D-aspartate receptor encephalitis. Diagnostic and Interventional Imaging, 2021, 102, 447-453.	3.2	4
24	Effect of computed tomography value error on dose calculation in adaptive radiotherapy with Elekta Xâ€ray volume imaging cone beam computed tomography. Journal of Applied Clinical Medical Physics, 2021, 22, 271-279.	1.9	2
25	MR imaging findings of musculoskeletal involvement in microscopic polyangiitis: a comparison with inflammatory myopathy. Radiologia Medica, 2021, 126, 1601-1608.	7.7	6
26	CT and MRI Findings of Focal Splenic Lesions and Ascites in Generalized Lymphatic Anomaly, Kaposiform Lymphangiomatosis, and Gorham-Stout Disease. Journal of Clinical Imaging Science, 2021, 11, 44.	1.1	4
27	Diffusion-weighted imaging of the abdomen using echo planar imaging with compressed SENSE: Feasibility, image quality, and ADC value evaluation. European Journal of Radiology, 2021, 142, 109889.	2.6	13
28	Ectopic gas in the fibular graft after anterior cervical corpectomy and fusion. BMC Musculoskeletal Disorders, 2021, 22, 995.	1.9	0
29	Automatic Segmentation of Supraspinatus Muscle via Bone-Based Localization in Torso Computed Tomography Images Using U-Net. IEEE Access, 2021, 9, 155555-155563.	4.2	2
30	CT and MR imaging findings of solitary nevus lipomatosus cutaneous superficialis: radiologicalâ€"pathological correlation. Skeletal Radiology, 2020, 49, 129-135.	2.0	2
31	MR imaging findings for differentiating cutaneous malignant melanoma from squamous cell carcinoma. European Journal of Radiology, 2020, 132, 109212.	2.6	13
32	Can MRI features differentiate ovarian mucinous carcinoma from mucinous borderline tumor?. European Journal of Radiology, 2020, 132, 109281.	2.6	5
33	Surface Muscle Segmentation Using 3D U-Net Based on Selective Voxel Patch Generation in Whole-Body CT Images. Applied Sciences (Switzerland), 2020, 10, 4477.	2.5	5
34	Hypointense head and neck lesions on T2-weighted images: correlation with histopathologic findings. Neuroradiology, 2020, 62, 1207-1217.	2.2	1
35	MR findings for differentiating decidualized endometriomas from seromucinous borderline tumors of the ovary. Abdominal Radiology, 2020, 45, 1783-1789.	2.1	5
36	MR imaging findings of low-grade serous carcinoma of the ovary: comparison with serous borderline tumor. Japanese Journal of Radiology, 2020, 38, 782-789.	2.4	6

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37	Comparison of Imaging Findings between Human Papillomavirus-positive and -Negative Squamous Cell Carcinomas of the Maxillary Sinus. Journal of Clinical Imaging Science, 2020, 10, 59.	1.1	5
38	Magnetic Resonance Imaging Findings Differentiating Cutaneous Basal Cell Carcinoma from Squamous Cell Carcinoma in the Head and Neck Region. Korean Journal of Radiology, 2020, 21, 325.	3.4	20
39	Diagnostic ability of contrast-enhanced computed tomography for metastatic cervical nodes in head and neck squamous cell carcinomas: significance of additional coronal reconstruction images. Polish Journal of Radiology, 2020, 85, 1-7.	0.9	2
40	Diagnostic Imaging of Salivary Gland Tumors. , 2020, , 155-173.		0
41	Response to Pilomatricoma (calcifying epithelioma): MDCT and MR imaging findings in 31 patients with radiological-pathological correlation. European Journal of Radiology, 2019, 118, 293.	2.6	0
42	CT and MR imaging findings of non-neoplastic cystic lesions of the parotid gland. Japanese Journal of Radiology, 2019, 37, 627-635.	2.4	11
43	CT and MRI features of scalp lesions. Radiologia Medica, 2019, 124, 1049-1061.	7.7	18
44	Automated Recognition of Erector Spinae Muscles and Their Skeletal Attachment Region via Deep Learning in Torso CT Images. Lecture Notes in Computer Science, 2019, , 1-10.	1.3	7
45	Clavicle fracture following neck dissection: imaging features and natural course. British Journal of Radiology, 2019, 92, 20190054.	2.2	4
46	T2*-weighted MR imaging findings of giant cell tumors of bone: radiologicalâ€"pathological correlation. Japanese Journal of Radiology, 2019, 37, 473-480.	2.4	5
47	CT and MR imaging findings of infection-free and benign second branchial cleft cysts. Radiologia Medica, 2019, 124, 199-205.	7.7	6
48	Hilar and mediastinal sarcoid-like reaction after the treatment of malignant tumors: imaging features and natural course on 18F-FDG-PET/CT. Japanese Journal of Radiology, 2019, 37, 88-94.	2.4	10
49	MR findings of the orbit in patients with Vogtâ€"Koyanagiâ€"Harada disease. Neuroradiology, 2018, 60, 421-426.	2.2	1
50	Uterine smooth muscle tumours with hyperintense area on T_1Âweighted images: differentiation between leiomyosarcomas and leiomyomas. British Journal of Radiology, 2018, 91, 20170767.	2.2	12
51	Pleomorphic adenoma of salivary glands: common and uncommon CT and MR imaging features. Japanese Journal of Radiology, 2018, 36, 463-471.	2.4	26
52	Chest imaging in generalized lymphatic anomaly and kaposiform lymphangiomatosis. Pediatrics International, 2018, 60, 667-668.	0.5	7
53	Radical resection of a giant retroperitoneal calcifying fibrous tumor combined with right hepatectomy and reconstruction of the inferior vena cava and bilateral renal veins. Surgical Case Reports, 2018, 4, 7.	0.6	3
54	Comparison between MR imaging findings of intracranial and extracranial schwannomas. Clinical Imaging, 2017, 42, 218-223.	1.5	5

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55	Usefulness of diffusion-weighted MR imaging for differentiating between Warthin's tumor and oncocytoma of the parotid gland. Japanese Journal of Radiology, 2017, 35, 78-85.	2.4	34
56	Evaluation of pre-surgical models for uterine surgery by use of three-dimensional printing and mold casting. Radiological Physics and Technology, 2017, 10, 279-285.	1.9	25
57	Imaging findings of primary immunoglobulin G4-related cervical lymphadenopathy. Neuroradiology, 2017, 59, 1111-1119.	2.2	4
58	MR imaging findings of vertebral involvement in Gorham–Stout disease, generalized lymphatic anomaly, and kaposiform lymphangiomatosis. Japanese Journal of Radiology, 2017, 35, 606-612.	2.4	18
59	Imaging Characteristics of Malignant Sinonasal Tumors. Journal of Clinical Medicine, 2017, 6, 116.	2.4	73
60	Automated analysis of whole skeletal muscle for muscular atrophy detection of ALS in whole-body CT images: preliminary study. , 2017, , .		5
61	Clear cell carcinoma of the ovary: comparison of MR findings of histological subtypes. Abdominal Radiology, 2016, 41, 2476-2483.	2.1	11
62	Red degeneration of a uterine fibroid following the administration of gonadotropin releasing hormone agonists. Journal of Obstetrics and Gynaecology, 2016, 36, 1018-1019.	0.9	4
63	Rebound adenoid hyperplasia after chemotherapy in pediatric patients with head and neck lymphoma: MR imaging findings. Japanese Journal of Radiology, 2016, 34, 633-639.	2.4	3
64	Craniofacial CT findings of Gorham–Stout disease and generalized lymphatic anomaly. Neuroradiology, 2016, 58, 801-806.	2.2	10
65	Assessment of uterine enhancement rate after abdominal radical trachelectomy using dynamic contrast-enhanced magnetic resonance imaging. Archives of Gynecology and Obstetrics, 2016, 293, 625-632.	1.7	9
66	MR imaging findings of pilomatricomas: a radiological–pathological correlation. Acta Radiologica, 2016, 57, 726-732.	1.1	10
67	Diagnostic imaging before treatment of cervical lymph node metastasis. Japanese Journal of Head and Neck Cancer, 2016, 42, 290-293.	0.1	0
68	Differentiation of extranodal non-Hodgkins lymphoma from squamous cell carcinoma of the maxillary sinus: a multimodality imaging approach. SpringerPlus, 2015, 4, 228.	1.2	32
69	Perfusion imaging of parotid gland tumours: usefulness of arterial spin labeling for differentiating Warthin's tumours. European Radiology, 2015, 25, 3247-3254.	4.5	41
70	Metastatic retropharyngeal lymph nodes: Comparison of CT and MR imaging for diagnostic accuracy. European Journal of Radiology, 2014, 83, 1157-1162.	2.6	31
71	Salivary gland tumors of the parotid gland: CT and MR imaging findings with emphasis on intratumoral cystic components. Neuroradiology, 2014, 56, 789-795.	2.2	46
72	CT and MR imaging findings of palatal tumors. European Journal of Radiology, 2014, 83, e137-e146.	2.6	47

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73	Ovarian mucinous cystadenoma coexisting with benign Brenner tumor: MR imaging findings. Abdominal Imaging, 2013, 38, 412-416.	2.0	12
74	Ovarian fibromas: MR imaging findings with emphasis on intratumoral cyst formation. European Journal of Radiology, 2013, 82, e417-e421.	2.6	8
75	Adenoid cystic carcinoma of the maxillary sinus: CT and MR imaging findings. Japanese Journal of Radiology, 2013, 31, 744-749.	2.4	16
76	Evaluation of imaging findings differentiating extranodal non-Hodgkin's lymphoma from squamous cell carcinoma in naso- and oropharynx. Clinical Imaging, 2013, 37, 657-663.	1.5	27
77	Imaging findings of parapharyngeal space pleomorphic adenoma in comparison with parotid gland pleomorphic adenoma. Japanese Journal of Radiology, 2013, 31, 724-730.	2.4	14
78	Necrotic cervical nodes: Usefulness of diffusion-weighted MR imaging in the differentiation of suppurative lymphadenitis from malignancy. European Journal of Radiology, 2013, 82, e28-e35.	2.6	26
79	Is â€œblack geodeâ€•sign a characteristic MRI finding for extracranial schwannomas?. Journal of Magnetic Resonance Imaging, 2013, 37, 830-835.	3.4	6
80	Computed Tomographic Findings of Kawasaki Disease With Cervical Lymphadenopathy. Journal of Computer Assisted Tomography, 2012, 36, 138-142.	0.9	21
81	Mucosa-associated lymphoid tissue lymphoma of the salivary glands: MR imaging findings including diffusion-weighted imaging. European Journal of Radiology, 2012, 81, e612-e617.	2.6	30
82	Spontaneous infarction of Warthinâ€™s tumor: imaging findings simulating malignancy. Japanese Journal of Radiology, 2012, 30, 354-357.	2.4	6
83	MR imaging findings of cervical lymphadenopathy in patients with Kikuchi disease. European Journal of Radiology, 2011, 80, e576-e581.	2.6	8
84	Apparition of iodinated contrast agents in twin neonatal gastrointestinal tracts after maternal contrast-enhanced computed tomography. Japanese Journal of Radiology, 2011, 29, 521-523.	2.4	1
85	Renal cell carcinoma associated with Xp11.2 translocation/*TFE3* gene fusion: Radiological findings mimicking papillary subtype. Journal of Magnetic Resonance Imaging, 2011, 33, 217-220.	3.4	38
86	Salivary gland function evaluated by diffusionâ€weighted MR imaging with gustatory stimulation: Preliminary results. Journal of Magnetic Resonance Imaging, 2011, 34, 904-909.	3.4	24
87	Magnetic resonance imaging findings of fibroepithelial polyp of the vulva: radiological-pathological correlation. Japanese Journal of Radiology, 2010, 28, 609-612.	2.4	11
88	â€œFlowâ€voidâ€•sign at MR imaging: A rare finding of extracranial head and neck schwannomas. Journal of Magnetic Resonance Imaging, 2010, 31, 703-705.	3.4	17
89	Fluid-Fluid Level Formation: A Rare Finding of Extracranial Head and Neck Schwannomas. American Journal of Neuroradiology, 2009, 30, 1451-1453.	2.4	10
90	Head and neck squamous cell carcinoma: usefulness of diffusion-weighted MR imaging in the prediction of a neoadjuvant therapeutic effect. European Radiology, 2009, 19, 103-109.	4.5	72

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91	Carcinosarcoma of the uterus: radiologic–pathologic correlations with magnetic resonance imaging including diffusion-weighted imaging. Magnetic Resonance Imaging, 2008, 26, 1446-1450.	1.8	23
92	Nonfunctional mediastinal parathyroid cyst: imaging findings in two cases. Clinical Imaging, 2008, 32, 310-313.	1.5	11
93	Carcinoma Ex Pleomorphic Adenoma of the Parotid Gland: Radiologic-Pathologic Correlation with MR Imaging Including Diffusion-Weighted Imaging. American Journal of Neuroradiology, 2008, 29, 865-867.	2.4	76
94	Computer-Aided Diagnosis of Hepatic Fibrosis: Preliminary Evaluation of MRI Texture Analysis Using the Finite Difference Method and an Artificial Neural Network. American Journal of Roentgenology, 2007, 189, 117-122.	2.2	69
95	Nasoalveolar cyst: imaging findings in three cases. Clinical Imaging, 2007, 31, 206-209.	1.5	14