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	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
2	Imaging Characteristics of Malignant Sinonasal Tumors. Journal of Clinical Medicine, 2017, 6, 116.	2.4	73
3	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
4	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
5	CT and MR imaging findings of palatal tumors. European Journal of Radiology, 2014, 83, e137-e146.	2.6	47
6	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
7	Perfusion imaging of parotid gland tumours: usefulness of arterial spin labeling for differentiating Warthinâ€™s tumours. European Radiology, 2015, 25, 3247-3254.	4.5	41
8	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
9	Usefulness of diffusion-weighted MR imaging for differentiating between Warthinâ€™s tumor and oncocytoma of the parotid gland. Japanese Journal of Radiology, 2017, 35, 78-85.	2.4	34
10	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
11	Metastatic retropharyngeal lymph nodes: Comparison of CT and MR imaging for diagnostic accuracy. European Journal of Radiology, 2014, 83, 1157-1162.	2.6	31
12	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
13	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
14	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
15	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
16	Pleomorphic adenoma of salivary glands: common and uncommon CT and MR imaging features. Japanese Journal of Radiology, 2018, 36, 463-471.	2.4	26
17	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
18	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

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19	Carcinosarcoma of the uterus: radiologicâ€“pathologic correlations with magnetic resonance imaging including diffusion-weighted imaging. Magnetic Resonance Imaging, 2008, 26, 1446-1450.	1.8	23
20	Computed Tomographic Findings of Kawasaki Disease With Cervical Lymphadenopathy. Journal of Computer Assisted Tomography, 2012, 36, 138-142.	0.9	21
21	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
22	MR imaging findings of vertebral involvement in Gorhamâ€“Stout disease, generalized lymphatic anomaly, and kaposiform lymphangiomatosis. Japanese Journal of Radiology, 2017, 35, 606-612.	2.4	18
23	CT and MRI features of scalp lesions. Radiologia Medica, 2019, 124, 1049-1061.	7.7	18
24	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
25	Adenoid cystic carcinoma of the maxillary sinus: CT and MR imaging findings. Japanese Journal of Radiology, 2013, 31, 744-749.	2.4	16
26	Nasoalveolar cyst: imaging findings in three cases. Clinical Imaging, 2007, 31, 206-209.	1.5	14
27	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
28	MR imaging findings for differentiating cutaneous malignant melanoma from squamous cell carcinoma. European Journal of Radiology, 2020, 132, 109212.	2.6	13
29	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
30	Ovarian mucinous cystadenoma coexisting with benign Brenner tumor: MR imaging findings. Abdominal Imaging, 2013, 38, 412-416.	2.0	12
31	Uterine smooth muscle tumours with hyperintense area onT₁Âweighted images: differentiation between leiomyosarcomas and leiomyomas. British Journal of Radiology, 2018, 91, 20170767.	2.2	12
32	Nonfunctional mediastinal parathyroid cyst: imaging findings in two cases. Clinical Imaging, 2008, 32, 310-313.	1.5	11
33	Magnetic resonance imaging findings of fibroepithelial polyp of the vulva: radiological-pathological correlation. Japanese Journal of Radiology, 2010, 28, 609-612.	2.4	11
34	Clear cell carcinoma of the ovary: comparison of MR findings of histological subtypes. Abdominal Radiology, 2016, 41, 2476-2483.	2.1	11
35	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
36	Fluid-Fluid Level Formation: A Rare Finding of Extracranial Head and Neck Schwannomas. American Journal of Neuroradiology, 2009, 30, 1451-1453.	2.4	10

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37	Craniofacial CT findings of Gorhamâ€“Stout disease and generalized lymphatic anomaly. Neuroradiology, 2016, 58, 801-806.	2.2	10
38	MR imaging findings of pilomatricomas: a radiologicalâ€“pathological correlation. Acta Radiologica, 2016, 57, 726-732.	1.1	10
39	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
40	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
41	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
42	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
43	MR imaging findings of cervical lymphadenopathy in patients with Kikuchi disease. European Journal of Radiology, 2011, 80, e576-e581.	2.6	8
44	Ovarian fibromas: MR imaging findings with emphasis on intratumoral cyst formation. European Journal of Radiology, 2013, 82, e417-e421.	2.6	8
45	Chest imaging in generalized lymphatic anomaly and kaposiform lymphangiomatosis. Pediatrics International, 2018, 60, 667-668.	0.5	7
46	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
47	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
48	Imaging findings of trichilemmal cyst and proliferating trichilemmal tumour. Neuroradiology Journal, 2021, 34, 615-621.	1.2	7
49	Spontaneous infarction of Warthinâ€™s tumor: imaging findings simulating malignancy. Japanese Journal of Radiology, 2012, 30, 354-357.	2.4	6
50	Is â€œblack geodeâ€•sign a characteristic MRI finding for extracranial schwannomas?. Journal of Magnetic Resonance Imaging, 2013, 37, 830-835.	3.4	6
51	CT and MR imaging findings of infection-free and benign second branchial cleft cysts. Radiologia Medica, 2019, 124, 199-205.	7.7	6
52	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
53	Imaging findings of cutaneous angiosarcoma of the scalp: Comparison with cutaneous squamous cell carcinoma. Neuroradiology Journal, 2021, 34, 329-334.	1.2	6
54	MR imaging findings of musculoskeletal involvement in microscopic polyangiitis: a comparison with inflammatory myopathy. Radiologia Medica, 2021, 126, 1601-1608.	7.7	6

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55	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
56	Comparison between MR imaging findings of intracranial and extracranial schwannomas. Clinical Imaging, 2017, 42, 218-223.	1.5	5
57	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
58	Can MRI features differentiate ovarian mucinous carcinoma from mucinous borderline tumor?. European Journal of Radiology, 2020, 132, 109281.	2.6	5
59	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
60	MR findings for differentiating decidualized endometriomas from seromucinous borderline tumors of the ovary. Abdominal Radiology, 2020, 45, 1783-1789.	2.1	5
61	Automated analysis of whole skeletal muscle for muscular atrophy detection of ALS in whole-body CT images: preliminary study. , 2017, , .		5
62	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
63	Different CT imaging findings between histological subtypes in patients with primary thyroid lymphoma. Radiologia Medica, 2022, 127, 191-198.	7.7	5
64	Imaging findings of malignant skin tumors: radiologicalâ€“pathological correlation. Insights Into Imaging, 2022, 13, 52.	3.4	5
65	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
66	Imaging findings of primary immunoglobulin G4-related cervical lymphadenopathy. Neuroradiology, 2017, 59, 1111-1119.	2.2	4
67	Clavicle fracture following neck dissection: imaging features and natural course. British Journal of Radiology, 2019, 92, 20190054.	2.2	4
68	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
69	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
70	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
71	MRI findings of epithelialâ€“myoepithelial carcinoma of the parotid gland with radiologicâ€“pathologic correlation. Japanese Journal of Radiology, 2022, 40, 578-585.	2.4	4
72	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

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73	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
74	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
75	CT and MR imaging findings of solitary nevus lipomatosus cutaneous superficialis: radiologicalâ€“pathological correlation. Skeletal Radiology, 2020, 49, 129-135.	2.0	2
76	Magnetic Resonance Imaging Characteristics of Poroma and Porocarcinoma. Journal of Computer Assisted Tomography, 2021, 45, 447-451.	0.9	2
77	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
78	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
79	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
80	Uterine extension determined by MRI: a useful parameter for differentiating subserosal leiomyomas from ovarian tumors. Abdominal Radiology, 2022, , 1.	2.1	2
81	Prognostic value of ¹⁸F-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
82	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
83	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
84	MR findings of the orbit in patients with Vogtâ€“Koyanagiâ€“Harada disease. Neuroradiology, 2018, 60, 421-426.	2.2	1
85	Hypointense head and neck lesions on T2-weighted images: correlation with histopathologic findings. Neuroradiology, 2020, 62, 1207-1217.	2.2	1
86	Imaging findings of oral cancers. , 2022, , 55-77.		1
87	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
88	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
89	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
90	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

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91	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
92	Diagnostic imaging before treatment of cervical lymph node metastasis. Japanese Journal of Head and Neck Cancer, 2016, 42, 290-293.	0.1	0
93	Diagnostic Imaging of Salivary Gland Tumors. , 2020, , 155-173.		0
94	Ectopic gas in the fibular graft after anterior cervical corpectomy and fusion. BMC Musculoskeletal Disorders, 2021, 22, 995.	1.9	0
95	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