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List of Publications by Year
in descending order

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48 papers	1,596 citations	430874 18 h-index	315739 38 g-index
51 all docs	51 docs citations	51 times ranked	2898 citing authors

#	Article	IF	Citations
1	Consensusâ€Based Technical Recommendations for Clinical Translation of Renal Phase Contrast <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2022, 55, 323-335.	3.4	22
2	Estimated pulse wave velocity (ePWV) as a potential gatekeeper for MRI-assessed PWV: a linear and deep neural network based approach in 2254 participants of the Netherlands Epidemiology of Obesity study. International Journal of Cardiovascular Imaging, 2022, 38, 183-193.	1.5	8
3	Ascending aorta curvature and flow displacement are associated with accelerated aortic growth at long-term follow-up: A MRI study in Marfan and thoracic aortic aneurysm patients. IJC Heart and Vasculature, 2022, 38, 100926.	1.1	4
4	<scp>Magnetic Resonance</scp> Imaging During a Pandemic: Recommendations by the <scp>ISMRM</scp> Safety Committee. Journal of Magnetic Resonance Imaging, 2022, 55, 1322-1339.	3.4	3
5	Intravenous contrast medium extravasation: systematic review and updated ESUR Contrast Media Safety Committee Guidelines. European Radiology, 2022, 32, 3056-3066.	4.5	14
6	A systematic review of the incidence of hypersensitivity reactions and post-contrast acute kidney injury after ioversol: part 2â€"intra-arterial administration. European Radiology, 2022, 32, 5546-5558.	4.5	3
7	A systematic review of the incidence of hypersensitivity reactions and post-contrast acute kidney injury after ioversol in more than 57,000 patients: part 1â€"intravenous administration. European Radiology, 2022, 32, 5532-5545.	4.5	2
8	4D Flow MRI in Ascending Aortic Aneurysms: Reproducibility of Hemodynamic Parameters. Applied Sciences (Switzerland), 2022, 12, 3912.	2.5	1
9	Confirmatory factor analysis including MRI-derived adipose tissues quantification improves associations of metabolic dysregulation to diastolic dysfunction. Journal of Diabetes and Its Complications, 2022, 36, 108202.	2.3	1
10	Report on the ISMRM-ESMRMB 2022 hot topic debate on the future of gadolinium as a contrast agent. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 707-710.	2.0	2
11	Associations between left ventricular function, vascular function and measures of cerebral small vessel disease: a cross-sectional magnetic resonance imaging study of the UK Biobank. European Radiology, 2021, 31, 5068-5076.	4.5	4
12	Identification of cardiovascular abnormalities by multiparametric magnetic resonance imaging in end-stage renal disease patients with preserved left ventricular ejection fraction. European Radiology, 2021, 31, 7098-7109.	4.5	5
13	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 4804.	4.1	10
14	Normal and reference values for cardiovascular magnetic resonance-based pulse wave velocity in the middle-aged general population. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 46.	3.3	15
15	Cardiorenal Syndrome: Emerging Role of Medical Imaging for Clinical Diagnosis and Management. Journal of Personalized Medicine, 2021, 11, 734.	2.5	8
16	Renal sinus fat volume in type 2 diabetes mellitus is associated with glycated hemoglobin and metabolic risk factors. Journal of Diabetes and Its Complications, 2021, 35, 107973.	2.3	16
17	The Effect of Glycemic Control on Renal Triglyceride Content Assessed by Proton Spectroscopy in Patients With Type 2 Diabetes Mellitus: A Single-Center Parallel-Group Trial. , 2021, 31, 611-619.		8
18	Placebo-controlled randomised trial with liraglutide on magnetic resonance endpoints in individuals with type 2 diabetes: a pre-specified secondary study on ectopic fat accumulation. Diabetologia, 2020, 63, 65-74.	6.3	64

#	Article	IF	Citations
19	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 131-140.	2.0	44
20	Consensus-based technical recommendations for clinical translation of renal diffusion-weighted MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 177-195.	2.0	61
21	The impact of visceral and general obesity on vascular and left ventricular function and geometry: a cross-sectional magnetic resonance imaging study of the UK Biobank. European Heart Journal Cardiovascular Imaging, 2020, 21, 273-281.	1.2	22
22	Consensus-based technical recommendations for clinical translation of renal BOLD MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 199-215.	2.0	68
23	Consensus-based technical recommendations for clinical translation of renal T1 and T2 mapping MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 163-176.	2.0	52
24	ASSOCIATIONS OF VASCULAR AND LEFT VENTRICULAR FUNCTION WITH BRAIN VOLUMES AND WHITE MATTER HYPERINTENSITIES: A CROSS-SECTIONAL MAGNETIC RESONANCE IMAGING STUDY OF THE UK BIOBANK. Journal of the American College of Cardiology, 2020, 75, 1549.	2.8	0
25	Adherence to guidelines aimed at preventing post-contrast acute kidney injury (PC-AKI) in radiology practices: a survey study. Acta Radiologica, 2020, 62, 028418512094671.	1.1	2
26	Great potential of ultrasound elastography for the assessment of the masseter muscle in patients with temporomandibular disorders. A systematic review. Dentomaxillofacial Radiology, 2020, 49, 20200024.	2.7	16
27	Novel artificial neural network and linear regression based equation for estimating visceral adipose tissue volume. Clinical Nutrition, 2020, 39, 3182-3188.	5.0	9
28	The Separate Contributions of Visceral Fat and Liver Fat to Chronic Kidney Disease-Related Renal Outcomes. , 2020, 30, 286-295.		6
29	Normal and reference values for MRI-based pulse wave velocity in the middle-aged general population. European Heart Journal, 2020, 41, .	2.2	0
30	Phenotyping diabetic cardiomyopathy in Europeans and South Asians. Cardiovascular Diabetology, 2019, 18, 133.	6.8	22
31	Abdominal visceral adipose tissue is associated with unsuspected pulmonary embolism on routine CT scans in patients with gastrointestinal cancer. British Journal of Radiology, 2019, 92, 20190526.	2.2	2
32	Primary Osteosarcoma of the Breast. Radiographics, 2019, 39, 626-629.	3.3	14
33	Obesity, Brain Volume, and White Matter Microstructure at MRI: A Cross-sectional UK Biobank Study. Radiology, 2019, 291, 763-771.	7.3	129
34	Reproducibility of native T₁ mapping for renal tissue characterization at 3T. Journal of Magnetic Resonance Imaging, 2019, 49, 588-596.	3.4	15
35	¹Hâ€MRS for the assessment of renal triglyceride content in humans at 3T: A primer and reproducibility study. Journal of Magnetic Resonance Imaging, 2018, 48, 507-513.	3.4	15
36	Metabolic imaging of fatty kidney in diabesity: validation and dietary intervention. Nephrology Dialysis Transplantation, 2018, 33, 224-230.	0.7	21

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37	Post-contrast acute kidney injury. Part 2: risk stratification, role of hydration and other prophylactic measures, patients taking metformin and chronic dialysis patients. European Radiology, 2018, 28, 2856-2869.	4.5	192
38	Post-contrast acute kidney injury â€“ Part 1: Definition, clinical features, incidence, role of contrast medium and risk factors. European Radiology, 2018, 28, 2845-2855.	4.5	306
39	Letter on â€˜European dermatology forum S1â€guideline on the diagnosis and treatment of sclerosing diseases of the skin, Part 2: Scleromyxedema, scleredema and nephrogenic systemic fibrosisâ€™. Journal of the European Academy of Dermatology and Venereology, 2018, 32, e84-e85.	2.4	1
40	Determinants of impaired renal and vascular function are associated with elevated levels of procoagulant factors in the general population. Journal of Thrombosis and Haemostasis, 2018, 16, 519-528.	3.8	19
41	Associations between normal range albuminuria, renal function and cardiovascular function in a population-based imaging study. Atherosclerosis, 2018, 272, 94-100.	0.8	4
42	Gadolinium retention after administration of contrast agents based on linear chelators and the recommendations of the European Medicines Agency. European Radiology, 2018, 28, 1579-1584.	4.5	81
43	Determinants of impaired renal and vascular function are associated with elevated levels of procoagulant factors in the general population: reply. Journal of Thrombosis and Haemostasis, 2018, 16, 2535-2536.	3.8	0
44	Conditional and interaction gene-set analysis reveals novel functional pathways for blood pressure. Nature Communications, 2018, 9, 3768.	12.8	50
45	Clinical application and technicalÂconsiderations of T₁ & T₂(*) mapping in cardiac, liver, and renal imaging. British Journal of Radiology, 2018, 91, 20170825.	2.2	25
46	Propensity Score Matching as a Substitute for Randomized Controlled Trials on Acute Kidney Injury After Contrast Media Administration: A Systematic Review. American Journal of Roentgenology, 2018, 211, 822-826.	2.2	31
47	Incidental Findings on Brain Imaging in the General Pediatric Population. New England Journal of Medicine, 2017, 377, 1593-1595.	27.0	83
48	Long-Term Nephrotoxicity in Adult Survivors of Childhood Cancer. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 922-929.	4.5	86