

Ilona A Dekkers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3989645/publications.pdf>

Version: 2024-02-01

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	Post-contrast acute kidney injury – Part 1: Definition, clinical features, incidence, role of contrast medium and risk factors. <i>European Radiology</i> , 2018, 28, 2845-2855.	4.5	306
2	Post-contrast acute kidney injury. Part 2: risk stratification, role of hydration and other prophylactic measures, patients taking metformin and chronic dialysis patients. <i>European Radiology</i> , 2018, 28, 2856-2869.	4.5	192
3	Obesity, Brain Volume, and White Matter Microstructure at MRI: A Cross-sectional UK Biobank Study. <i>Radiology</i> , 2019, 291, 763-771.	7.3	129
4	Long-Term Nephrotoxicity in Adult Survivors of Childhood Cancer. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 922-929.	4.5	86
5	Incidental Findings on Brain Imaging in the General Pediatric Population. <i>New England Journal of Medicine</i> , 2017, 377, 1593-1595.	27.0	83
6	Gadolinium retention after administration of contrast agents based on linear chelators and the recommendations of the European Medicines Agency. <i>European Radiology</i> , 2018, 28, 1579-1584.	4.5	81
7	Consensus-based technical recommendations for clinical translation of renal BOLD MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 199-215.	2.0	68
8	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. <i>Diabetologia</i> , 2020, 63, 65-74.	6.3	64
9	Consensus-based technical recommendations for clinical translation of renal diffusion-weighted MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 177-195.	2.0	61
10	Consensus-based technical recommendations for clinical translation of renal T1 and T2 mapping MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 163-176.	2.0	52
11	Conditional and interaction gene-set analysis reveals novel functional pathways for blood pressure. <i>Nature Communications</i> , 2018, 9, 3768.	12.8	50
12	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 131-140.	2.0	44
13	Propensity Score Matching as a Substitute for Randomized Controlled Trials on Acute Kidney Injury After Contrast Media Administration: A Systematic Review. <i>American Journal of Roentgenology</i> , 2018, 211, 822-826.	2.2	31
14	Clinical application and technical considerations of T_1 & T_2 (*) mapping in cardiac, liver, and renal imaging. <i>British Journal of Radiology</i> , 2018, 91, 20170825.	2.2	25
15	Phenotyping diabetic cardiomyopathy in Europeans and South Asians. <i>Cardiovascular Diabetology</i> , 2019, 18, 133.	6.8	22
16	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 273-281.	1.2	22
17	Consensus-Based Technical Recommendations for Clinical Translation of Renal Phase Contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 323-335.	3.4	22
18	Metabolic imaging of fatty kidney in diabetes: validation and dietary intervention. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 224-230.	0.7	21

#	ARTICLE	IF	CITATIONS
19	Determinants of impaired renal and vascular function are associated with elevated levels of procoagulant factors in the general population. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 519-528.	3.8	19
20	Great potential of ultrasound elastography for the assessment of the masseter muscle in patients with temporomandibular disorders. A systematic review. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20200024.	2.7	16
21	Renal sinus fat volume in type 2 diabetes mellitus is associated with glycated hemoglobin and metabolic risk factors. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107973.	2.3	16
22	¹ H-MRS for the assessment of renal triglyceride content in humans at 3T: A primer and reproducibility study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 507-513.	3.4	15
23	Reproducibility of native T ₁ mapping for renal tissue characterization at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 588-596.	3.4	15
24	Normal and reference values for cardiovascular magnetic resonance-based pulse wave velocity in the middle-aged general population. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 46.	3.3	15
25	Primary Osteosarcoma of the Breast. <i>Radiographics</i> , 2019, 39, 626-629.	3.3	14
26	Intravenous contrast medium extravasation: systematic review and updated ESUR Contrast Media Safety Committee Guidelines. <i>European Radiology</i> , 2022, 32, 3056-3066.	4.5	14
27	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4804.	4.1	10
28	Novel artificial neural network and linear regression based equation for estimating visceral adipose tissue volume. <i>Clinical Nutrition</i> , 2020, 39, 3182-3188.	5.0	9
29	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. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 183-193.	1.5	8
30	Cardiorenal Syndrome: Emerging Role of Medical Imaging for Clinical Diagnosis and Management. <i>Journal of Personalized Medicine</i> , 2021, 11, 734.	2.5	8
31	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
32	The Separate Contributions of Visceral Fat and Liver Fat to Chronic Kidney Disease-Related Renal Outcomes. , 2020, 30, 286-295.		6
33	Identification of cardiovascular abnormalities by multiparametric magnetic resonance imaging in end-stage renal disease patients with preserved left ventricular ejection fraction. <i>European Radiology</i> , 2021, 31, 7098-7109.	4.5	5
34	Associations between normal range albuminuria, renal function and cardiovascular function in a population-based imaging study. <i>Atherosclerosis</i> , 2018, 272, 94-100.	0.8	4
35	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. <i>European Radiology</i> , 2021, 31, 5068-5076.	4.5	4
36	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. <i>IJC Heart and Vasculature</i> , 2022, 38, 100926.	1.1	4

#	ARTICLE	IF	CITATIONS
37	<sc>Magnetic Resonance</sc> Imaging During a Pandemic: Recommendations by the <sc>ISMRM</sc> Safety Committee. Journal of Magnetic Resonance Imaging, 2022, 55, 1322-1339.	3.4	3
38	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
39	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
40	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
41	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
42	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
43	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
44	4D Flow MRI in Ascending Aortic Aneurysms: Reproducibility of Hemodynamic Parameters. Applied Sciences (Switzerland), 2022, 12, 3912.	2.5	1
45	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
46	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
47	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
48	Normal and reference values for MRI-based pulse wave velocity in the middle-aged general population. European Heart Journal, 2020, 41, .	2.2	0