

Kim-Lien Nguyen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6632491/publications.pdf>

Version: 2024-02-01

64
papers

1,480
citations

331538

21
h-index

345118

36
g-index

64
all docs

64
docs citations

64
times ranked

2176
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving preclinical medical student teaching skills through patient education. <i>Postgraduate Medical Journal</i> , 2022, 98, e168-e169.	0.9	0
2	Highlights on Advancing Frontiers in Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 633-664.	2.5	44
3	Automatic segmentation of peripheral arteries and veins in ferumoxytol-enhanced MR angiography. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 984-998.	1.9	4
4	Free-breathing, non-ECG, simultaneous myocardial T ₁ , T ₂ , T ₂ * and fat fraction mapping with motion-resolved cardiovascular MR multitasking. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1748-1763.	1.9	8
5	Retrospective respiratory motion correction in cardiac cine MRI reconstruction using adversarial autoencoder and unsupervised learning. <i>NMR in Biomedicine</i> , 2021, 34, e4433.	1.6	17
6	Cardiac Magnetic Resonance Quantification of Structure-Function Relationships in Heart Failure. <i>Heart Failure Clinics</i> , 2021, 17, 9-24.	1.0	8
7	USPIOs as Targeted Contrast Agents in Cardiovascular Magnetic Resonance Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2021, 14, 1.	0.4	6
8	Ferumoxytol-enhanced magnetic resonance T1 reactivity for depiction of myocardial hypoperfusion. <i>NMR in Biomedicine</i> , 2021, 34, e4518.	1.6	8
9	3-Dimensional Bioprinting of Cardiovascular Tissues. <i>JACC Basic To Translational Science</i> , 2021, 6, 467-482.	1.9	11
10	Slice encoding for the reduction of outflow signal artifacts in cine balanced SSFP imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2034-2048.	1.9	1
11	Temporally aware volumetric generative adversarial network-based MR image reconstruction with simultaneous respiratory motion compensation: Initial feasibility in 3D dynamic cine cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2666-2683.	1.9	9
12	Four-dimensional Multiphase Steady-State MRI with Ferumoxytol Enhancement: Early Multicenter Feasibility in Pediatric Congenital Heart Disease. <i>Radiology</i> , 2021, 300, 162-173.	3.6	18
13	Minimizing table time in patients with claustrophobia using focused ferumoxytol-enhanced MR angiography (FEMRA): a feasibility study. <i>British Journal of Radiology</i> , 2021, 94, 20210430.	1.0	3
14	Estimation of fractional myocardial blood volume and water exchange using ferumoxytol-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1699-1709.	1.9	6
15	Cardiology electronic consultations: Efficient and safe, but consultant satisfaction is equivocal. <i>Journal of Telemedicine and Telecare</i> , 2020, 26, 341-348.	1.4	16
16	Intermodality feature fusion combining unenhanced computed tomography and ferumoxytol-enhanced magnetic resonance angiography for patient-specific vascular mapping in renal impairment. <i>Journal of Vascular Surgery</i> , 2020, 71, 1674-1684.	0.6	6
17	The Authors Reply. <i>Kidney International Reports</i> , 2020, 5, 1119-1120.	0.4	0
18	3D-Printed Coronary Implants Are Effective for Percutaneous Creation of Swine Models with Focal Coronary Stenosis. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 1033-1043.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Fast and accurate calculation of myocardial T 1 and T 2 values using deep learning Bloch equation simulations (DeepBLESS). <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2831-2845.	1.9	25
20	Novel Percutaneous Approach for Deployment of 3D Printed Coronary Stenosis Implants in Swine Models of Ischemic Heart Disease. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	4
21	A Multi-Dimensional Analysis of a Novel Approach for Wireless Stimulation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 3307-3316.	2.5	3
22	Pathophysiology, classification, and MRI parallels in microvascular disease of the heart and brain. <i>Microcirculation</i> , 2020, 27, e12648.	1.0	6
23	FIB-4 stage of liver fibrosis is associated with incident heart failure with preserved, but not reduced, ejection fraction among people with and without HIV or hepatitis C. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 184-191.	1.6	25
24	Cardiovascular 3-D Printing: Value-Added Assessment Using Time-Driven Activity-Based Costing. <i>Journal of the American College of Radiology</i> , 2020, 17, 1469-1474.	0.9	2
25	Accurate, precise, simultaneous myocardial T1 and T2 mapping using a radial sequence with inversion recovery and T2 preparation. <i>NMR in Biomedicine</i> , 2019, 32, e4165.	1.6	13
26	MR image reconstruction using deep learning: evaluation of network structure and loss functions. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1516-1527.	1.1	68
27	Multicenter Safety and Practice for Off-Label Diagnostic Use of Ferumoxytol in MRI. <i>Radiology</i> , 2019, 293, 554-564.	3.6	99
28	Elevated Fibroblast Growth Factor 23 Levels Are Associated With Greater Diastolic Dysfunction in ESRD. <i>Kidney International Reports</i> , 2019, 4, 1748-1751.	0.4	6
29	Ferumoxytol-Enhanced CMR for Vasodilator Stress Testing: A Feasibility Study. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1582-1584.	2.3	8
30	High resolution, 3-dimensional Ferumoxytol-enhanced cardiovascular magnetic resonance venography in central venous occlusion. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 17.	1.6	15
31	Natural history of myocardial deformation in children, adolescents, and young adults exposed to anthracyclines: Systematic review and meta-analysis. <i>Echocardiography</i> , 2018, 35, 922-934.	0.3	27
32	Ferumoxytol-enhanced MR Angiography for Vascular Access Mapping before Transcatheter Aortic Valve Replacement in Patients with Renal Impairment: A Step Toward Patient-specific Care. <i>Radiology</i> , 2018, 286, 326-337.	3.6	27
33	Improved 4D cardiac functional assessment for pediatric patients using motion-weighted image reconstruction. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 747-756.	1.1	3
34	Left atrial function in children and young adult cancer survivors treated with anthracyclines. <i>Echocardiography</i> , 2018, 35, 1649-1656.	0.3	12
35	Consistency of Continuous Ambulatory Interstitial Glucose Monitoring Sensors. <i>Biosensors</i> , 2018, 8, 49.	2.3	3
36	Myocardial T1 mapping for patients with implanted cardiac devices using wideband inversion recovery spoiled gradient echo readout. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1495-1504.	1.9	23

#	ARTICLE	IF	CITATIONS
37	Aerobic exercise in anthracycline-induced cardiotoxicity: a systematic review of current evidence and future directions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H213-H222.	1.5	53
38	Ferumoxytol vs. Gadolinium agents for contrast-enhanced MRI: Thoughts on evolving indications, risks, and benefits. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 919-923.	1.9	35
39	Rigor and Reproducibility in Analysis of Vascular Calcification. <i>Circulation Research</i> , 2017, 120, 1240-1242.	2.0	20
40	Anthracycline induced cardiotoxicity: biomarkers and omics technology in the era of patient specific care. <i>Clinical and Translational Medicine</i> , 2017, 6, 17.	1.7	26
41	Accuracy, precision, and reproducibility of myocardial T1 mapping: A comparison of four T1 estimation algorithms for modified look-locker inversion recovery (MOLLI). <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1746-1756.	1.9	16
42	Ferumoxytol vs. Gadolinium agents for contrast-enhanced MRI: Thoughts on evolving indications, risks, and benefits. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, spcone.	1.9	0
43	Inductively powered wireless pacing via a miniature pacemaker and remote stimulation control system. <i>Scientific Reports</i> , 2017, 7, 6180.	1.6	44
44	MRI with ferumoxytol: A single center experience of safety across the age spectrum. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 804-812.	1.9	40
45	Self-gated 4D multiphase, steady-state imaging with contrast enhancement (MUSIC) using rotating cartesian K-space (ROCK): Validation in children with congenital heart disease. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 472-483.	1.9	54
46	Accelerated ferumoxytol-enhanced 4D multiphase, steady-state imaging with contrast enhancement (MUSIC) cardiovascular MRI: validation in pediatric congenital heart disease. <i>NMR in Biomedicine</i> , 2017, 30, e3663.	1.6	30
47	Cardiac MRI: a Translational Imaging Tool for Characterizing Anthracycline-Induced Myocardial Remodeling. <i>Current Oncology Reports</i> , 2016, 18, 48.	1.8	17
48	Myocardial T1 mapping at 3.0 tesla using an inversion recovery spoiled gradient echo readout and bloch equation simulation with slice profile correction (BLESSPC) T1 estimation algorithm. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 414-425.	1.9	38
49	Segmented golden ratio radial reordering with variable temporal resolution for dynamic cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 94-103.	1.9	15
50	Safety and technique of ferumoxytol administration for MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2107-2111.	1.9	171
51	Elevated transpulmonary gradient and cardiac magnetic resonance-derived right ventricular remodeling predict poor outcomes in sickle cell disease. <i>Haematologica</i> , 2016, 101, e40-e43.	1.7	10
52	Cardiovascular MRI with ferumoxytol. <i>Clinical Radiology</i> , 2016, 71, 796-806.	0.5	73
53	Concepts in cardio-oncology: definitions, mechanisms, diagnosis and treatment strategies of cancer therapy-induced cardiotoxicity. <i>Future Oncology</i> , 2016, 12, 855-870.	1.1	27
54	4D MUSIC CMR: value-based imaging of neonates and infants with congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 40.	1.6	30

#	ARTICLE	IF	CITATIONS
55	Ferumoxytol enhanced black-blood cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 106.	1.6	13
56	Effects of Resistance Training on Skeletal Muscle Mitochondrial Oxidative Capacity in Sedentary, Obese Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 412.	0.2	0
57	Instantaneous signal loss simulation (InSiL): An improved algorithm for myocardial T ₁ mapping using the MOLLI sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 721-729.	1.9	25
58	The Crossroads of Geriatric Cardiology and Cardio-Oncology. <i>Current Geriatrics Reports</i> , 2015, 4, 327-337.	1.1	6
59	High-field MR imaging in pediatric congenital heart disease: Initial results. <i>Pediatric Radiology</i> , 2015, 45, 42-54.	1.1	13
60	Myocardial T1 mapping at 3.0T using inversion recovery FLASH readout. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, W2.	1.6	0
61	Safety and tolerability of regadenoson CMR. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 753-760.	0.5	31
62	Contrast-Enhanced MR Angiography of Cavopulmonary Connections in Adult Patients With Congenital Heart Disease. <i>American Journal of Roentgenology</i> , 2012, 199, W565-W574.	1.0	7
63	Increased Transpulmonary Gradient Predicts Functional Class, Mortality, and RV Dysfunction by MRI in Patients with Sickle Cell Associated Pulmonary Hypertension. <i>Blood</i> , 2012, 120, 89-89.	0.6	0
64	Codon optimization of the HIV-1 vpu and vif genes stabilizes their mRNA and allows for highly efficient Rev-independent expression. <i>Virology</i> , 2004, 319, 163-175.	1.1	149