Ioannis Koktzoglou

List of Publications by Year in descending order

54 papers	1,049 citations	471509 17 h-index	434195 31 g-index
54 all docs	54 docs citations	54 times ranked	854 citing authors

#	Article	IF	Citations
1	<scp>Quiescentâ€interval Sliceâ€Selective MRA</scp> Accurately Estimates Intravascular Stent Dimensions Prior to Intervention in Patients With Peripheral Artery Disease. Journal of Magnetic Resonance Imaging, 2022, 55, 246-254.	3.4	3
2	Quantitative timeâ€ofâ€flight MR angiography for simultaneous luminal and hemodynamic evaluation of the intracranial arteries. Magnetic Resonance in Medicine, 2022, 87, 150-162.	3.0	2
3	Editorial for â€œAccelerated <scp>Twoâ€Point</scp> Dixon <scp>MR</scp> Angiography Improves Diagnostic Performance for Cervical Artery Diseasesâ€. Journal of Magnetic Resonance Imaging, 2022, 56, 942-943.	3.4	0
4	â€œPushâ€buttonâ€noncontrast MR angiography using balanced T₁ relaxationâ€enhanced steadyâ€state (bT1RESS). Magnetic Resonance in Medicine, 2021, 85, 1248-1257.	3.0	3
5	Superâ€resolution head and neck MRA using deep machine learning. Magnetic Resonance in Medicine, 2021, 86, 335-345.	3.0	17
6	High-resolution, non-contrast-enhanced magnetic resonance angiography of the wrist, hand and digital arteries using optimized implementation of Cartesian quiescent interval slice selective (QISS) at 1.5ÂT. Magnetic Resonance Imaging, 2021, 78, 58-68.	1.8	5
7	Comparison of 2D and 3D quiescent-interval slice-selective non-contrast MR angiography in patients with peripheral artery disease. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 649-658.	2.0	5
8	MR Angiography Series: Fundamentals of Nonâ€“Contrast-enhanced MR Angiography. Radiographics, 2021, 41, E157-E158.	3.3	6
9	Dark blood cardiovascular magnetic resonance of the heart, great vessels, and lungs using electrocardiographic-gated three-dimensional unbalanced steady-state free precession. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 127.	3.3	1
10	Nearâ€isotropic noncontrast MRA of the renal and peripheral arteries using a thinâ€slab stackâ€ofâ€stars quiescent interval sliceâ€selective acquisition. Magnetic Resonance in Medicine, 2020, 83, 1711-1720.	3.0	8
11	Natively fatâ€suppressed 5D wholeâ€heart MRI with a radial freeâ€running fastâ€interrupted steadyâ€state (FISS) sequence at 1.5T and 3T. Magnetic Resonance in Medicine, 2020, 83, 45-55.	3.0	18
12	Twofold improved tumor-to-brain contrast using a novel T1 relaxation-enhanced steady-state (T) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	10.3	6
13	Radial-based acquisition strategies for pre-procedural non-contrast cardiovascular magnetic resonance angiography of the pulmonary veins. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 78.	3.3	3
14	High spatial resolution wholeâ€neck MR angiography using thinâ€slab stackâ€ofâ€stars quiescent interval sliceâ€selective acquisition. Magnetic Resonance in Medicine, 2020, 84, 3316-3324.	3.0	6
15	Clinical Value of Noncontrastâ€Enhanced Radial Quiescentâ€Interval Sliceâ€Selective (QISS) Magnetic Resonance Angiography for the Diagnosis of Acute Pulmonary Embolism Compared to Contrastâ€Enhanced Computed Tomography and Cartesian Balanced Steadyâ€State Free Precession. Journal of Magnetic Resonance Imaging, 2020, 52, 1510-1524.	3.4	6
16	Feasibility of a subâ€3â€minute imaging strategy for ungated quiescent interval sliceâ€selective MRA of the extracranial carotid arteries using radial kâ€space sampling and deep learningâ€“based image processing. Magnetic Resonance in Medicine, 2020, 84, 825-837.	3.0	13
17	Dynamic quantitative nonenhanced magnetic resonance angiography of the abdominal aorta and lower extremities using cine fast interrupted steady-state in combination with arterial spin labeling: a feasibility study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 55.	3.3	2
18	Noncontrast Magnetic Resonance Angiography for the Diagnosis of Peripheral Vascular Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008844.	2.6	35

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19	Non-contrast-enhanced magnetic resonance imaging for visualization and quantification of endovascular aortic prosthesis, their endoleaks and aneurysm sacs at 1.5â€T. Magnetic Resonance Imaging, 2019, 60, 164-172.	1.8	16
20	Ungated nonenhanced radial quiescent interval sliceâ€selective (QISS) magnetic resonance angiography of the neck: Evaluation of image quality. Journal of Magnetic Resonance Imaging, 2019, 50, 1798-1807.	3.4	10
21	Feasibility of Image Fusion for Concurrent MRI Evaluation of Vessel Lumen and Vascular Calcifications in Peripheral Arterial Disease. American Journal of Roentgenology, 2019, 212, 914-918.	2.2	5
22	Non-Contrast-Enhanced Carotid MRA: Clinical Evaluation of a Novel Ungated Radial Quiescent-Interval Slice-Selective MRA at 1.5T. American Journal of Neuroradiology, 2019, 40, 1529-1537.	2.4	4
23	Free-Breathing Fast Low-Angle Shot Quiescent-Interval Slice-Selective Magnetic Resonance Angiography for Improved Detection of Vascular Stenoses in the Pelvis and Abdomen. Investigative Radiology, 2019, 54, 752-756.	6.2	6
24	Noncontrast MR angiography: An update. Journal of Magnetic Resonance Imaging, 2019, 49, 355-373.	3.4	81
25	Advances in non-contrast quiescent-interval slice-selective (QISS) magnetic resonance angiography. Clinical Radiology, 2019, 74, 29-36.	1.1	27
26	Cardiovascular cine imaging and flow evaluation using Fast Interrupted Steady-State (FISS) magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 12.	3.3	11
27	Superâ€resolution intracranial quiescent interval sliceâ€selective magnetic resonance angiography. Magnetic Resonance in Medicine, 2018, 79, 683-691.	3.0	12
28	Radial fast interrupted steadyâ€state (FISS) magnetic resonance imaging. Magnetic Resonance in Medicine, 2018, 79, 2077-2086.	3.0	20
29	Cardiovascular magnetic resonance imaging of aorto-iliac and ilio-femoral vascular calcifications using proton density-weighted in-phase stack of stars. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 51.	3.3	13
30	MR imaging of iliofemoral peripheral vascular calcifications using proton density-weighted, in-phase three-dimensional stack-of-stars gradient echo. Magnetic Resonance in Medicine, 2017, 77, 2146-2152.	3.0	18
31	Improved dark blood imaging of the heart using radial balanced steady-state free precession. Journal of Cardiovascular Magnetic Resonance, 2017, 18, 69.	3.3	7
32	Nonenhanced MR angiography of the pulmonary arteries using single-shot radial quiescent-interval slice-selective (QISS): a technical feasibility study. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 48.	3.3	38
33	Quiescent interval low angle shot magnetic resonance angiography of the extracranial carotid arteries. Magnetic Resonance in Medicine, 2016, 75, 2072-2077.	3.0	21
34	Breath-hold imaging of the coronary arteries using quiescent-interval slice-selective (qiss) magnetic resonance angiography - pilot study at 1.5 tesla and 3 tesla. Journal of Cardiovascular Magnetic Resonance, 2016, 18, P69.	3.3	6
35	Nonenhanced hybridized arterial spin labeled magnetic resonance angiography of the extracranial carotid arteries using a fast low angle shot readout at 3 Tesla. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 18.	3.3	14
36	Arterial spin labeled carotid MR angiography: A phantom study examining the impact of technical and hemodynamic factors. Magnetic Resonance in Medicine, 2016, 75, 295-301.	3.0	19

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37	Breath-hold imaging of the coronary arteries using Quiescent-Interval Slice-Selective (QISS) magnetic resonance angiography: pilot study at 1.5 Tesla and 3 Tesla. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 101.	3.3	33
38	Nonenhanced arterial spin labeled carotid MR angiography using threeâ€dimensional radial balanced steadyâ€state free precession imaging. Journal of Magnetic Resonance Imaging, 2015, 41, 1150-1156.	3.4	21
39	Noncontrast Magnetic Resonance Angiography. Radiologic Clinics of North America, 2015, 53, 457-476.	1.8	20
40	Simultaneous static and cine nonenhanced MR angiography using radial sampling and highly constrained back projection reconstruction. Magnetic Resonance in Medicine, 2014, 72, 1079-1086.	3.0	1
41	Evaluating Peripheral Arterial Disease With Unenhanced Quiescent-Interval Single-Shot MR Angiography at 3 T. American Journal of Roentgenology, 2014, 202, 886-893.	2.2	38
42	Ungated radial quiescentâ€inflow singleâ€shot (UnQISS) magnetic resonance angiography using optimized azimuthal equidistant projections. Magnetic Resonance in Medicine, 2014, 72, 1522-1529.	3.0	17
43	Gray blood magnetic resonance for carotid wall imaging and visualization of deepâ€seated and superficial vascular calcifications. Magnetic Resonance in Medicine, 2013, 70, 75-85.	3.0	14
44	Quiescentâ€inflow singleâ€shot magnetic resonance angiography using a highly undersampled radial kâ€space trajectory. Magnetic Resonance in Medicine, 2013, 70, 1662-1668.	3.0	21
45	4D Dark Blood Arterial Wall Magnetic Resonance Imaging: Methodology and Demonstration in the Carotid Arteries. Magnetic Resonance in Medicine, 2013, 69, 956-965.	3.0	10
46	Nonenhanced extracranial carotid MR angiography using arterial spin labeling: Improved performance with pseudocontinuous tagging. Journal of Magnetic Resonance Imaging, 2011, 34, 384-394.	3.4	25
47	Peripheral Arterial Disease in a Symptomatic Diabetic Population: Prospective Comparison of Rapid Unenhanced MR Angiography (MRA) With Contrast-Enhanced MRA. American Journal of Roentgenology, 2011, 197, 1466-1473.	2.2	56
48	Evaluation of Peripheral Arterial Disease with Nonenhanced Quiescent-Interval Single-Shot MR Angiography. Radiology, 2011, 260, 282-293.	7.3	107
49	Quiescent-interval single-shot unenhanced magnetic resonance angiography of peripheral vascular disease: Technical considerations and clinical feasibility. Magnetic Resonance in Medicine, 2010, 63, 951-958.	3.0	157
50	Highly accelerated contrastâ€enhanced MR angiography: Improved reconstruction accuracy and reduced noise amplification with complex subtraction. Magnetic Resonance in Medicine, 2010, 64, 1843-1848.	3.0	14
51	Dual-Contrast Cellular Magnetic Resonance Imaging. Molecular Imaging, 2009, 8, 7290.2009.00024.	1.4	2
52	STAR and STARFIRE for flowâ€dependent and flowâ€independent noncontrast carotid angiography. Magnetic Resonance in Medicine, 2009, 61, 117-124.	3.0	21
53	Ghost magnetic resonance angiography. Magnetic Resonance in Medicine, 2009, 61, 1515-1519.	3.0	17
54	Fast projective carotid MR angiography using arterial spinâ€labeled balanced SSFP. Journal of Magnetic Resonance Imaging, 2008, 28, 778-782.	3.4	8