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List of Publications by Year in descending order

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49
papers

5,767
citations

172457

29
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197818

49
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49
docs citations

49
times ranked

4155
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and evaluation of quantitative MRI phantoms to mimic the simultaneous presence of fat, iron, and fibrosis in the liver. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 734-747.	3.0	10
2	Temperature-corrected proton density fat fraction estimation using chemical shift-encoded MRI in phantoms. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 69-81.	3.0	11
3	Linearity and Bias of Proton Density Fat Fraction as a Quantitative Imaging Biomarker: A Multicenter, Multiplatform, Multivendor Phantom Study. <i>Radiology</i> , 2021, 298, 640-651.	7.3	39
4	Non-contrast-enhanced peripheral angiography using a sliding interleaved cylinder acquisition. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 727-738.	3.0	3
5	Design of k-space channel combination kernels and integration with parallel imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 2139-2154.	3.0	12
6	Spectrally resolved fully phase-encoded three-dimensional fast spin-echo imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 681-690.	3.0	13
7	Application of direct virtual coil to dynamic contrast-enhanced MRI and MR angiography with data-driven parallel imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 783-789.	3.0	2
8	Pulmonary perfusion MRI using interleaved variable density sampling and Highly constrained cartesian reconstruction (HYCR). <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 751-756.	3.4	11
9	Water-silicone separated volumetric MR acquisition for rapid assessment of breast implants. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1216-1221.	3.4	11
10	Validation of MRI biomarkers of hepatic steatosis in the presence of iron overload in the ob/ob mouse. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 844-851.	3.4	41
11	High resolution navigated three-dimensional T ₁ -weighted hepatobiliary MRI using gadoteric acid optimized for 1.5 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 890-899.	3.4	51
12	Robust multipoint water-fat separation using fat likelihood analysis. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1065-1076.	3.0	23
13	Estimation of liver T ₂ in transfusion-related iron overload in patients with weighted least squares T ₂ IDEAL. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 183-190.	3.0	30
14	Quantification of Hepatic Steatosis with T1-independent, T2*-corrected MR Imaging with Spectral Modeling of Fat: Blinded Comparison with MR Spectroscopy. <i>Radiology</i> , 2011, 258, 767-775.	7.3	345
15	Three-dimensional fluid-suppressed T2-prep flow-independent peripheral angiography using balanced SSFP. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1119-1124.	1.8	19
16	Magnetization-prepared IDEAL bSSFP: A flow-independent technique for noncontrast-enhanced peripheral angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 931-939.	3.4	24
17	T ₁ independent, T ₂ [*] corrected chemical shift based fat-water separation with multi-peak fat spectral modeling is an accurate and precise measure of hepatic steatosis. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 873-881.	3.4	183
18	Interleaved variable density sampling with a constrained parallel imaging reconstruction for dynamic contrast-enhanced MR angiography. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 428-436.	3.0	19

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19	Combination of complex-based and magnitude-based multiecho water-fat separation for accurate quantification of fat fraction. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 199-206.	3.0	166
20	Fat and water magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 4-18.	3.4	291
21	Flow-independent T_2^* -prepared inversion recovery black-blood MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 248-254.	3.4	20
22	Phase and amplitude correction for multi-echo water-fat separation with bipolar acquisitions. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1264-1271.	3.4	63
23	k -space water-fat decomposition with T_2^* estimation and multifrequency fat spectrum modeling for ultrashort echo time imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1027-1034.	3.4	24
24	Noise analysis for 3-point chemical shift-based water-fat separation with spectral modeling of fat. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 493-500.	3.4	16
25	T_2 -weighted 3D fast spin echo imaging with water-fat separation in a single acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 745-751.	3.4	28
26	Quantification of Hepatic Steatosis with 3-T MR Imaging: Validation in <i>ob/ob</i> Mice. <i>Radiology</i> , 2010, 254, 119-128.	7.3	71
27	Improved fat suppression using multiplex reconstruction for IDEAL chemical shift fat-water separation: Application with fast spin echo imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 436-442.	3.4	28
28	Quantification of hepatic steatosis with MRI: The effects of accurate fat spectral modeling. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1332-1339.	3.4	221
29	T_1 independent, T_2^* corrected MRI with accurate spectral modeling for quantification of fat: Validation in a fat-water SPIO phantom. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1215-1222.	3.4	191
30	Increased volume of coverage for abdominal contrast-enhanced MR angiography with two-dimensional autocalibrating parallel imaging: Initial experience at 3.0 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1093-1100.	3.4	30
31	Improved delayed enhanced myocardial imaging with T_2 -Prep inversion recovery magnetization preparation. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1280-1286.	3.4	38
32	Multiecho water-fat separation and simultaneous R_2 estimation with multifrequency fat spectrum modeling. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1122-1134.	3.0	590
33	High-Resolution 3D Cartilage Imaging with IDEAL-SPGR at 3 T. <i>American Journal of Roentgenology</i> , 2007, 189, 1510-1515.	2.2	41
34	Fat quantification with IDEAL gradient echo imaging: Correction of bias from T_1 and noise. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 354-364.	3.0	418
35	Water-fat separation with IDEAL gradient-echo imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 644-652.	3.4	300
36	Least-squares chemical shift separation for ^{13}C metabolic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1145-1152.	3.4	91

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37	Multiecho reconstruction for simultaneous water-fat decomposition and T2* estimation. Journal of Magnetic Resonance Imaging, 2007, 26, 1153-1161.	3.4	366
38	Dual-acquisition phase-sensitive fat-water separation using balanced steady-state free precession. Magnetic Resonance Imaging, 2006, 24, 113-122.	1.8	20
39	Fast spin echo sequences with very long echo trains: Design of variable refocusing flip angle schedules and generation of clinical T2 contrast. Magnetic Resonance in Medicine, 2006, 55, 1030-1037.	3.0	302
40	T1- and T2-weighted fast spin-echo imaging of the brachial plexus and cervical spine with IDEAL water-fat separation. Journal of Magnetic Resonance Imaging, 2006, 24, 825-832.	3.4	50
41	Articular Cartilage of the Knee: Evaluation with Fluctuating Equilibrium MR Imaging-Initial Experience in Healthy Volunteers. Radiology, 2006, 238, 712-718.	7.3	48
42	Articular Cartilage of the Knee: Rapid Three-dimensional MR Imaging at 3.0 T with IDEAL Balanced Steady-State Free Precession-Initial Experience. Radiology, 2006, 240, 546-551.	7.3	70
43	Oxygen-sensitive contrast in blood for steady-state free precession imaging. Magnetic Resonance in Medicine, 2005, 53, 574-583.	3.0	57
44	Homodyne reconstruction and IDEAL water-fat decomposition. Magnetic Resonance in Medicine, 2005, 54, 586-593.	3.0	71
45	Iterative decomposition of water and fat with echo asymmetry and least-squares estimation (IDEAL): Application with fast spin-echo imaging. Magnetic Resonance in Medicine, 2005, 54, 636-644.	3.0	615
46	Field map estimation with a region growing scheme for iterative 3-point water-fat decomposition. Magnetic Resonance in Medicine, 2005, 54, 1032-1039.	3.0	195
47	Prospective MR signal-based cardiac triggering. Magnetic Resonance in Medicine, 1999, 42, 82-86.	3.0	7
48	Three-dimensional flow-independent peripheral angiography. Magnetic Resonance in Medicine, 1997, 38, 343-354.	3.0	77
49	Coronary Angiography with Magnetization-Prepared T2 Contrast. Magnetic Resonance in Medicine, 1995, 33, 689-696.	3.0	415