S Johanna Vannesjo

List of Publications by Year
in descending order

24	913	471477	610883
papers	citations	17	24
		h-index	g-index

26	26	26	1006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shim optimization with region of interest–specific Tikhonov regularization: Application to second–order slice–wise shimming of the brain. Magnetic Resonance in Medicine, 2022, 87, 1218-1230.	3.0	1
2	Comparison of multicenter <scp>MRI</scp> protocols for visualizing the spinal cord gray matter. Magnetic Resonance in Medicine, 2022, 88, 849-859.	3.0	4
3	Feasibility of spiral fMRI based on an LTI gradient model. NeuroImage, 2021, 245, 118674.	4.2	5
4	Gradient Response Harvesting for Continuous System Characterization During MR Sequences. IEEE Transactions on Medical Imaging, 2020, 39, 806-815.	8.9	6
5	A method for correcting breathing–induced field fluctuations in T2*–weighted spinal cord imaging using a respiratory trace. Magnetic Resonance in Medicine, 2019, 81, 3745-3753.	3.0	18
6	Template–based field map prediction for rapid whole brain B_0 shimming. Magnetic Resonance in Medicine, 2018, 80, 171-180.	3.0	5
7	Spinal cord MRI at 7T. NeuroImage, 2018, 168, 437-451.	4.2	66
8	Spatiotemporal characterization of breathing-induced B0 field fluctuations in the cervical spinal cord at 7T. NeuroImage, 2018, 167, 191-202.	4.2	31
9	Gradient and shim pre–emphasis by inversion of a linear time–invariant system model. Magnetic Resonance in Medicine, 2017, 78, 1607-1622.	3.0	26
10	Analysis and correction of field fluctuations in fMRI data using field monitoring. NeuroImage, 2017, 154, 92-105.	4.2	38
11	Single–shot spiral imaging enabled by an expanded encoding model: <scp>D</scp>emonstration in diffusion <scp>MRI</scp>. Magnetic Resonance in Medicine, 2017, 77, 83-91.	3.0	48
12	A field camera for MR sequence monitoring and system analysis. Magnetic Resonance in Medicine, 2016, 75, 1831-1840.	3.0	91
13	Fast iterative pre–emphasis calibration method enabling third–order dynamic shim updated fMRI. Magnetic Resonance in Medicine, 2016, 75, 1119-1131.	3.0	20
14	Image reconstruction using a gradient impulse response model for trajectory prediction. Magnetic Resonance in Medicine, 2016, 76, 45-58.	3.0	57
15	Monitoring, analysis, and correction of magnetic field fluctuations in echo planar imaging time series. Magnetic Resonance in Medicine, 2015, 74, 396-409.	3.0	35
16	Diffusion MRI with concurrent magnetic field monitoring. Magnetic Resonance in Medicine, 2015, 74, 925-933.	3.0	39
17	Retrospective correction of physiological field fluctuations in high-field brain MRI using concurrent field monitoring. Magnetic Resonance in Medicine, 2015, 73, 1833-1843.	3.0	70
18	Real–time feedback for spatiotemporal field stabilization in MR systems. Magnetic Resonance in Medicine, 2015, 73, 884-893.	3.0	57

#	Article	IF	Citations
19	Analysis of temperature dependence of background phase errors in phase-contrast cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 97.	3.3	46
20	Field camera measurements of gradient and shim impulse responses using frequency sweeps. Magnetic Resonance in Medicine, 2014, 72, 570-583.	3.0	40
21	Feedback field control improves linewidths in in vivo magnetic resonance spectroscopy. Magnetic Resonance in Medicine, 2014, 71, 1657-1662.	3.0	22
22	Matched-filter acquisition for BOLD fMRI. NeuroImage, 2014, 100, 145-160.	4.2	31
23	Gradient system characterization by impulse response measurements with a dynamic field camera. Magnetic Resonance in Medicine, 2013, 69, 583-593.	3.0	148
24	Androgen Receptor Modulation Does Not Affect Longitudinal Growth of Cultured Fetal Rat Metatarsal Bones. Hormone Research in Paediatrics, 2009, 71, 219-227.	1.8	8