Paul Glover

List of Publications by Year
in descending order

25	1,072	687363	642732
papers	citations	13	23
		h-index	g-index

26	26	26	1504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new generation of magnetoencephalography: Room temperature measurements using optically-pumped magnetometers. NeuroImage, 2017, 149, 404-414.	4.2	329
2	Limits to magnetic resonance microscopy. Reports on Progress in Physics, 2002, 65, 1489-1511.	20.1	147
3	Tailored RF pulse for magnetization inversion at ultrahigh field. Magnetic Resonance in Medicine, 2010, 63, 51-58.	3.0	120
4	Reference layer artefact subtraction (RLAS): A novel method of minimizing EEG artefacts during simultaneous fMRI. NeuroImage, 2014, 84, 307-319.	4.2	88
5	Active Acoustic Screening: Reduction of Noise in Gradient Coils by Lorentz Force Balancing. Magnetic Resonance in Medicine, 1995, 33, 276-281.	3.0	84
6	Active acoustic screening: design principles for quiet gradient coils in MRI. Measurement Science and Technology, 1994, 5, 1021-1025.	2.6	46
7	Echo-Planar Imaging of the Brain at 3.0 T. Journal of Computer Assisted Tomography, 1994, 18, 339-343.	0.9	46
8	A microscope slide probe for high resolution imaging at 11.7 tesla. Magnetic Resonance in Medicine, 1994, 31, 423-428.	3.0	41
9	Forward electric field calculation using BEM for time-varying magnetic field gradients and motion in strong static fields. Engineering Analysis With Boundary Elements, 2009, 33, 1074-1088.	3.7	26
10	Pooled analyses of effects on visual and visuomotor performance from exposure to magnetic stray fields from MRI scanners: Application of the Bayesian framework. Journal of Magnetic Resonance Imaging, 2007, 26, 1255-1260.	3.4	22
11	Calculation of the electric field resulting from human body rotation in a magnetic field. Physics in Medicine and Biology, 2012, 57, 4739-4753.	3.0	19
12	A Novel Receive-Only Liquid Nitrogen ($\hbox{LN}_{2}$)-Cooled RF Coil for High-Resolution In Vivo Imaging on a 3-Tesla Whole-Body Scanner. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 129-139.	4.7	19
13	High-resolution echo-planar imaging at 3.0 T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 241-245.	2.0	16
14	Comment on ICNIRP Guidelines for Limiting Exposure to Electric Fields Induced by Movement of the Human Body in a Static Magnetic Field and by Time-varying Magnetic Fields Below 1 Hz. Health Physics, 2014, 107, 261.	0.5	13
15	Magnetic Field-Induced Vertigo in the MRI Environment. Current Radiology Reports, 2015, 3, 1.	1.4	10
16	MRI rides the wave. Nature, 2009, 457, 971-972.	27.8	7
17	Mapping of the fluid distribution in impregnated reinforcement textiles using Magnetic Resonance Imaging: Application and discussion. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1369-1379.	7.6	7
18	Numerical solution for an inverse MRI problem using a regularised boundary element method. Engineering Analysis With Boundary Elements, 2008, 32, 658-675.	3.7	6

#	ARTICLE	IF	CITATIONS
19	Mapping of the fluid distribution in impregnated reinforcement textiles using Magnetic Resonance Imaging: Methods and issues. Composites Part A: Applied Science and Manufacturing, 2011, 42, 265-273.	7.6	6
20	Mathematical and Experimental Investigation of Water Migration in Plant Xylem. Journal of Bionic Engineering, 2017, 14, 622-630.	5.0	6
21	Functional brain imaging using EPI at 3 T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 347-349.	2.0	5
22	A robust single-shot partial sampling scheme. Magnetic Resonance in Medicine, 1995, 34, 74-79.	3.0	4
23	A GPU accelerated modeling of bio-effects associated with magnetic resonance imaging. , 2011, , .		2
24	A GPGPU accelerated compressed sensing with tight wavelet frame transform technique for MR imaging reconstruction. , 2012, , .		1
25	Simulation guided design of a cryogenic probe for micrometer-scale in vivo MR imaging. , 2011, , .		0