

Paul Glover

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,072
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1504
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A new generation of magnetoencephalography: Room temperature measurements using optically-pumped magnetometers. <i>NeuroImage</i> , 2017, 149, 404-414. | 4.2 | 329 |
| 2 | Mathematical and Experimental Investigation of Water Migration in Plant Xylem. <i>Journal of Bionic Engineering</i> , 2017, 14, 622-630. | 5.0 | 6 |
| 3 | Magnetic Field-Induced Vertigo in the MRI Environment. <i>Current Radiology Reports</i> , 2015, 3, 1. | 1.4 | 10 |
| 4 | 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. <i>Health Physics</i> , 2014, 107, 261. | 0.5 | 13 |
| 5 | Reference layer artefact subtraction (RLAS): A novel method of minimizing EEG artefacts during simultaneous fMRI. <i>NeuroImage</i> , 2014, 84, 307-319. | 4.2 | 88 |
| 6 | Calculation of the electric field resulting from human body rotation in a magnetic field. <i>Physics in Medicine and Biology</i> , 2012, 57, 4739-4753. | 3.0 | 19 |
| 7 | A GPGPU accelerated compressed sensing with tight wavelet frame transform technique for MR imaging reconstruction. , 2012, , . | | 1 |
| 8 | A Novel Receive-Only Liquid Nitrogen (LN_2)-Cooled RF Coil for High-Resolution In Vivo Imaging on a 3-Tesla Whole-Body Scanner. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012, 61, 129-139. | 4.7 | 19 |
| 9 | A GPU accelerated modeling of bio-effects associated with magnetic resonance imaging. , 2011, , . | | 2 |
| 10 | Simulation guided design of a cryogenic probe for micrometer-scale in vivo MR imaging. , 2011, , . | | 0 |
| 11 | Mapping of the fluid distribution in impregnated reinforcement textiles using Magnetic Resonance Imaging: Methods and issues. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 265-273. | 7.6 | 6 |
| 12 | Mapping of the fluid distribution in impregnated reinforcement textiles using Magnetic Resonance Imaging: Application and discussion. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1369-1379. | 7.6 | 7 |
| 13 | Tailored RF pulse for magnetization inversion at ultrahigh field. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 51-58. | 3.0 | 120 |
| 14 | MRI rides the wave. <i>Nature</i> , 2009, 457, 971-972. | 27.8 | 7 |
| 15 | Forward electric field calculation using BEM for time-varying magnetic field gradients and motion in strong static fields. <i>Engineering Analysis With Boundary Elements</i> , 2009, 33, 1074-1088. | 3.7 | 26 |
| 16 | Numerical solution for an inverse MRI problem using a regularised boundary element method. <i>Engineering Analysis With Boundary Elements</i> , 2008, 32, 658-675. | 3.7 | 6 |
| 17 | Pooled analyses of effects on visual and visuomotor performance from exposure to magnetic stray fields from MRI scanners: Application of the Bayesian framework. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1255-1260. | 3.4 | 22 |
| 18 | Limits to magnetic resonance microscopy. <i>Reports on Progress in Physics</i> , 2002, 65, 1489-1511. | 20.1 | 147 |

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|----|--|-----|-----------|
| 19 | Active Acoustic Screening: Reduction of Noise in Gradient Coils by Lorentz Force Balancing. Magnetic Resonance in Medicine, 1995, 33, 276-281. | 3.0 | 84 |
| 20 | A robust single-shot partial sampling scheme. Magnetic Resonance in Medicine, 1995, 34, 74-79. | 3.0 | 4 |
| 21 | Active acoustic screening: design principles for quiet gradient coils in MRI. Measurement Science and Technology, 1994, 5, 1021-1025. | 2.6 | 46 |
| 22 | A microscope slide probe for high resolution imaging at 11.7 tesla. Magnetic Resonance in Medicine, 1994, 31, 423-428. | 3.0 | 41 |
| 23 | High-resolution echo-planar imaging at 3.0 T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 241-245. | 2.0 | 16 |
| 24 | Functional brain imaging using EPI at 3 T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 347-349. | 2.0 | 5 |
| 25 | Echo-Planar Imaging of the Brain at 3.0 T. Journal of Computer Assisted Tomography, 1994, 18, 339-343. | 0.9 | 46 |