

Jason C Crane

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,413
citations

430874

18
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperpolarized ¹³ C MRI data acquisition and analysis in prostate and brain at University of California, San Francisco. <i>NMR in Biomedicine</i> , 2021, 34, e4280.	2.8	30
2	Federated learning for predicting clinical outcomes in patients with COVID-19. <i>Nature Medicine</i> , 2021, 27, 1735-1743.	30.7	300
3	Fully automated atlas-based method for prescribing 3D PRESS MR spectroscopic imaging: Toward robust and reproducible metabolite measurements in human brain. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 636-642.	3.0	9
4	Detection of localized changes in the metabolism of hyperpolarized gluconeogenic precursors ¹³ C-lactate and ¹³ C-pyruvate in kidney and liver. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1429-1437.	3.0	35
5	Metabolic Profiling of IDH Mutation and Malignant Progression in Infiltrating Glioma. <i>Scientific Reports</i> , 2017, 7, 44792.	3.3	63
6	Reliable and Reproducible GABA Measurements Using Automated Spectral Prescription at Ultra-High Field. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 506.	2.0	5
7	Serial analysis of 3D H-1 MRSI for patients with newly diagnosed GBM treated with combination therapy that includes bevacizumab. <i>Journal of Neuro-Oncology</i> , 2016, 130, 171-179.	2.9	24
8	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , 2016, 134, 281-294.	4.2	36
9	SIVIC: Open-Source, Standards-Based Software for DICOM MR Spectroscopy Workflows. <i>International Journal of Biomedical Imaging</i> , 2013, 2013, 1-12.	3.9	74
10	Prospective image registration for automated scan prescription of follow-up knee images in quantitative studies. <i>Magnetic Resonance Imaging</i> , 2011, 29, 693-700.	1.8	8
11	Serial analysis of imaging parameters in patients with newly diagnosed glioblastoma multiforme. <i>Neuro-Oncology</i> , 2011, 13, 546-557.	1.2	40
12	3D sensitivity encoded ellipsoidal MR spectroscopic imaging of gliomas at 3T. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1249-1257.	1.8	21
13	A clinical comparison of rigid and inflatable endorectal coil probes for MRI and 3D MR spectroscopic imaging (MRSI) of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1077-1082.	3.4	30
14	Three-dimensional J-resolved H magnetic resonance spectroscopic imaging of volunteers and patients with brain tumors at 3T. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 886-892.	3.0	19
15	A feasibility study of in vivo T1 imaging of the intervertebral disc. <i>Magnetic Resonance Imaging</i> , 2006, 24, 1001-1007.	1.8	47
16	Grid enabled magnetic resonance scanners for near real-time medical image processing. <i>Journal of Parallel and Distributed Computing</i> , 2006, 66, 1524-1533.	4.1	8
17	Considerations in applying 3D PRESS H-1 brain MRSI with an eight-channel phased-array coil at 3 T. <i>Magnetic Resonance Imaging</i> , 2006, 24, 1295-1302.	1.8	33
18	Unaliasing lipid contamination for MR spectroscopic imaging of gliomas at 3T using sensitivity encoding (SENSE). <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1164-1169.	3.0	21

#	ARTICLE	IF	CITATIONS
19	Quantitative apparent diffusion coefficients and T2 relaxation times in characterizing contrast enhancing brain tumors and regions of peritumoral edema. Journal of Magnetic Resonance Imaging, 2005, 21, 701-708.	3.4	154
20	The folding mechanism of a β^2 -sheet: the WW domain. Journal of Molecular Biology, 2001, 311, 373-393.	4.2	297
21	Mapping the transition state of the WW domain β^2 -sheet. Journal of Molecular Biology, 2000, 298, 283-292.	4.2	89
22	Stimulated Emission Pumping Spectra and Intramolecular Vibrational Dynamics of DFCO(S0) from 9000 to 20000 cm ⁻¹ . Journal of Physical Chemistry A, 1998, 102, 9433-9444.	2.5	31
23	New laser system for measurements of dissociation rates of small molecules with picosecond temporal resolution. , 1998, 3271, 210.		0
24	Vibrational Assignment of the S1 Fluorescence Excitation Spectrum of Formyl Fluoride. Journal of Molecular Spectroscopy, 1997, 181, 56-66.	1.2	26
25	Vibrational Assignment and Anharmonic Resonance Analysis of the Dispersed Fluorescence and Stimulated Emission Pumping Spectra of DFCO (S0) up to 9000 cm ⁻¹ . Journal of Molecular Spectroscopy, 1997, 183, 273-284.	1.2	13