

Samuel A Hurley

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,071
citations

516681

16
h-index

501174

28
g-index

32
all docs

32
docs citations

32
times ranked

4808
citing authors

#	ARTICLE	IF	CITATIONS
1	cRGD-functionalized, DOX-conjugated, and ⁶⁴ Cu-labeled superparamagnetic iron oxide nanoparticles for targeted anticancer drug delivery and PET/MR imaging. <i>Biomaterials</i> , 2011, 32, 4151-4160.	11.4	410
2	Characterization of Cerebral White Matter Properties Using Quantitative Magnetic Resonance Imaging Stains. <i>Brain Connectivity</i> , 2011, 1, 423-446.	1.7	387
3	Multifunctional Stable and pH-Responsive Polymer Vesicles Formed by Heterofunctional Triblock Copolymer for Targeted Anticancer Drug Delivery and Ultrasensitive MR Imaging. <i>ACS Nano</i> , 2010, 4, 6805-6817.	14.6	304
4	Multifunctional SPIO/DOX-loaded wormlike polymer vesicles for cancer therapy and MR imaging. <i>Biomaterials</i> , 2010, 31, 9065-9073.	11.4	200
5	Association of Amyloid Pathology With Myelin Alteration in Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2017, 74, 41.	9.0	147
6	Advances in noninvasive myelin imaging. <i>Developmental Neurobiology</i> , 2018, 78, 136-151.	3.0	107
7	Detecting Microglial Density With Quantitative Multi-Compartment Diffusion MRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 81.	2.8	66
8	Alterations of Myelin Content in Parkinson's Disease: A Cross-Sectional Neuroimaging Study. <i>PLoS ONE</i> , 2016, 11, e0163774.	2.5	63
9	Whole-brain ex-vivo quantitative MRI of the cuprizone mouse model. <i>PeerJ</i> , 2016, 4, e2632.	2.0	53
10	MPnRAGE: A technique to simultaneously acquire hundreds of differently contrasted MPRAGE images with applications to quantitative T ₁ mapping. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1040-1053.	3.0	48
11	Simultaneous variable flip angle "actual flip angle imaging method for improved accuracy and precision of three-dimensional T ₁ and B ₁ measurements. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 54-64.	3.0	44
12	Rapid multicomponent T2 analysis of the articular cartilage of the human knee joint at 3.0T. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1191-1197.	3.4	36
13	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. <i>Molecular Psychiatry</i> , 2021, 26, 7346-7354.	7.9	32
14	Changes in Endogenous Dopamine Induced by Methylphenidate Predict Functional Connectivity in Nonhuman Primates. <i>Journal of Neuroscience</i> , 2019, 39, 1436-1444.	3.6	24
15	Advancing RF pulse design using an open-competition format: Report from the 2015 ISMRM challenge. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1352-1361.	3.0	21
16	Titer and Product Affect the Distribution of Gene Expression after Intraputaminial Convection-Enhanced Delivery. <i>Stereotactic and Functional Neurosurgery</i> , 2014, 92, 182-194.	1.5	20
17	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 625-631.	3.0	19
18	Rapid development of application-specific flexible MRI receive coils. <i>Physics in Medicine and Biology</i> , 2020, 65, 19NT01.	3.0	14

#	ARTICLE	IF	CITATIONS
19	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. <i>Investigative Radiology</i> , 2018, 53, 705-713.	6.2	11
20	Measuring Glucose Uptake in Primary Invasive Breast Cancer Using Simultaneous Time-of-Flight Breast PET/MRI: A Method Comparison Study with Prone PET/CT. <i>Radiology Imaging Cancer</i> , 2021, 3, e200091.	1.6	9
21	Optimizing the frame duration for data-driven rigid motion estimation in brain PET imaging. <i>Medical Physics</i> , 2021, 48, 3031-3041.	3.0	9
22	Diffusion Tensor Imaging of Visual Pathway Abnormalities in Five Glaucoma Animal Models. , 2021, 62, 21.		9
23	Extremely efficient and deterministic approach to generating optimal ordering of diffusion MRI measurements. <i>Medical Physics</i> , 2011, 38, 4795-4801.	3.0	8
24	Data-driven optimized flip angle selection for T_1 estimation from spoiled gradient echo acquisitions. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 792-802.	3.0	6
25	PET Image Quality Improvement for Simultaneous PET/MRI with a Lightweight MRI Surface Coil. <i>Radiology</i> , 2021, 298, 166-172.	7.3	6
26	Subject-Specific, Non-Invasive Helmet-Restraint RF Coil for Awake, Non-Human Primate MR Imaging. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2019, 3, 177-183.	3.4	5
27	Differential effects of two MRI contrast agents on the integrity and distribution of rAAV2 and rAAV5 in the rat striatum. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 4.	4.1	4
28	Human primary visual cortex shows larger population receptive fields for binocular disparity-defined stimuli. <i>Brain Structure and Function</i> , 2021, 226, 2819-2838.	2.3	4
29	A method to remove the influence of fixative concentration on postmortem T_2 maps using a kinetic tensor model. <i>Human Brain Mapping</i> , 2021, 42, 5956-5972.	3.6	4