

# Samuel A Hurley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9079794/publications.pdf>

Version: 2024-02-01

29  
papers

2,071  
citations

586496

16  
h-index

563245

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5428  
citing authors

#	ARTICLE	IF	CITATIONS
1	PET Image Quality Improvement for Simultaneous PET/MRI with a Lightweight MRI Surface Coil. Radiology, 2021, 298, 166-172.	3.6	6
2	Measuring Glucose Uptake in Primary Invasive Breast Cancer Using Simultaneous Time-of-Flight Breast PET/MRI: A Method Comparison Study with Prone PET/CT. Radiology Imaging Cancer, 2021, 3, e200091.	0.7	9
3	Optimizing the frame duration for data-driven rigid motion estimation in brain PET imaging. Medical Physics, 2021, 48, 3031-3041.	1.6	9
4	Human primary visual cortex shows larger population receptive fields for binocular disparity-defined stimuli. Brain Structure and Function, 2021, 226, 2819-2838.	1.2	4
5	Diffusion Tensor Imaging of Visual Pathway Abnormalities in Five Glaucoma Animal Models. , 2021, 62, 21.		9
6	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. Molecular Psychiatry, 2021, 26, 7346-7354.	4.1	32
7	A method to remove the influence of fixative concentration on postmortem $T_2$ maps using a kinetic tensor model. Human Brain Mapping, 2021, 42, 5956-5972.	1.9	4
8	Rapid development of application-specific flexible MRI receive coils. Physics in Medicine and Biology, 2020, 65, 19NT01.	1.6	14
9	Detecting Microglial Density With Quantitative Multi-Compartment Diffusion MRI. Frontiers in Neuroscience, 2019, 13, 81.	1.4	66
10	Subject-Specific, Non-Invasive Helmet-Restraint RF Coil for Awake, Non-Human Primate MR Imaging. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2019, 3, 177-183.	2.3	5
11	Changes in Endogenous Dopamine Induced by Methylphenidate Predict Functional Connectivity in Nonhuman Primates. Journal of Neuroscience, 2019, 39, 1436-1444.	1.7	24
12	Advances in noninvasive myelin imaging. Developmental Neurobiology, 2018, 78, 136-151.	1.5	107
13	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. Investigative Radiology, 2018, 53, 705-713.	3.5	11
14	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. Magnetic Resonance in Medicine, 2017, 78, 625-631.	1.9	19
15	Advancing RF pulse design using an open-competition format: Report from the 2015 ISMRM challenge. Magnetic Resonance in Medicine, 2017, 78, 1352-1361.	1.9	21
16	Association of Amyloid Pathology With Myelin Alteration in Preclinical Alzheimer Disease. JAMA Neurology, 2017, 74, 41.	4.5	147
17	Data-driven optimized flip angle selection for $T_1$ estimation from spoiled gradient echo acquisitions. Magnetic Resonance in Medicine, 2016, 76, 792-802.	1.9	6
18	MPnRAGE: A technique to simultaneously acquire hundreds of differently contrasted MPRAGE images with applications to quantitative $T_1$ mapping. Magnetic Resonance in Medicine, 2016, 75, 1040-1053.	1.9	48

#	ARTICLE	IF	CITATIONS
19	Alterations of Myelin Content in Parkinson's Disease: A Cross-Sectional Neuroimaging Study. PLoS ONE, 2016, 11, e0163774.	1.1	63
20	Whole-brain ex-vivo quantitative MRI of the cuprizone mouse model. PeerJ, 2016, 4, e2632.	0.9	53
21	Rapid multicomponent T2 analysis of the articular cartilage of the human knee joint at 3.0T. Journal of Magnetic Resonance Imaging, 2014, 39, 1191-1197.	1.9	36
22	Titer and Product Affect the Distribution of Gene Expression after Intraputaminial Convection-Enhanced Delivery. Stereotactic and Functional Neurosurgery, 2014, 92, 182-194.	0.8	20
23	Differential effects of two MRI contrast agents on the integrity and distribution of rAAV2 and rAAV5 in the rat striatum. Molecular Therapy - Methods and Clinical Development, 2014, 1, 4.	1.8	4
24	Simultaneous variable flip angle "actual flip angle" imaging method for improved accuracy and precision of three-dimensional $T_1$ and $B_1$ measurements. Magnetic Resonance in Medicine, 2012, 68, 54-64.	1.9	44
25	cRGD-functionalized, DOX-conjugated, and $^{64}\text{Cu}$ -labeled superparamagnetic iron oxide nanoparticles for targeted anticancer drug delivery and PET/MR imaging. Biomaterials, 2011, 32, 4151-4160.	5.7	410
26	Extremely efficient and deterministic approach to generating optimal ordering of diffusion MRI measurements. Medical Physics, 2011, 38, 4795-4801.	1.6	8
27	Characterization of Cerebral White Matter Properties Using Quantitative Magnetic Resonance Imaging Stains. Brain Connectivity, 2011, 1, 423-446.	0.8	387
28	Multifunctional SPIO/DOX-loaded wormlike polymer vesicles for cancer therapy and MR imaging. Biomaterials, 2010, 31, 9065-9073.	5.7	200
29	Multifunctional Stable and pH-Responsive Polymer Vesicles Formed by Heterofunctional Triblock Copolymer for Targeted Anticancer Drug Delivery and Ultrasensitive MR Imaging. ACS Nano, 2010, 4, 6805-6817.	7.3	304