

# Benjamin Ades-Aron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/37043/publications.pdf>

Version: 2024-02-01

15  
papers

1,670  
citations

932766

10  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Denoising of diffusion MRI using random matrix theory. <i>NeuroImage</i> , 2016, 142, 394-406.	2.1	1,208
2	Evaluation of the accuracy and precision of the diffusion parameter Estimation with Gibbs and Noise removal pipeline. <i>NeuroImage</i> , 2018, 183, 532-543.	2.1	123
3	Diagnosis of Normal-Pressure Hydrocephalus: Use of Traditional Measures in the Era of Volumetric MR Imaging. <i>Radiology</i> , 2017, 285, 197-205.	3.6	85
4	Assessment of cognitive and neural recovery in survivors of pediatric brain tumors in a pilot clinical trial using metformin. <i>Nature Medicine</i> , 2020, 26, 1285-1294.	15.2	65
5	Diffusion MRI biomarkers of white matter microstructure vary nonmonotonically with increasing cerebral amyloid deposition. <i>Neurobiology of Aging</i> , 2020, 89, 118-128.	1.5	48
6	Training a neural network for Gibbs and noise removal in diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 413-428.	1.9	35
7	Nanostructure-specific X-ray tomography reveals myelin levels, integrity and axon orientations in mouse and human nervous tissue. <i>Nature Communications</i> , 2021, 12, 2941.	5.8	33
8	Improved Task-based Functional MRI Language Mapping in Patients with Brain Tumors through Marchenko-Pastur Principal Component Analysis Denoising. <i>Radiology</i> , 2021, 298, 365-373.	3.6	19
9	mTOR Inhibition with Sirolimus in Multiple System Atrophy: A Randomized, Double-blind, Placebo-controlled Futility Trial and 1-Year Biomarker Longitudinal Analysis. <i>Movement Disorders</i> , 2022, 37, 778-789.	2.2	16
10	Effect of intravoxel incoherent motion on diffusion parameters in normal brain. <i>NeuroImage</i> , 2020, 204, 116228.	2.1	14
11	Direct In Vivo MRI Discrimination of Brain Stem Nuclei and Pathways. <i>American Journal of Neuroradiology</i> , 2020, 41, 777-784.	1.2	10
12	Diffusional Kurtosis along the Corticospinal Tract in Adult Normal Pressure Hydrocephalus. <i>American Journal of Neuroradiology</i> , 2018, 39, 2218-2223.	1.2	4
13	Quantitative imaging features predict spinal tap response in normal pressure hydrocephalus. <i>Neuroradiology</i> , 2021, , 1.	1.1	3
14	Impact of MR-guided PET reconstruction on tau detection and quantification with [ 18 F]MK-6240. <i>Alzheimer's and Dementia</i> , 2020, 16, e037977.	0.4	1
15	P266: Early Versus Late Changes in White Matter Microstructure with Increasing Amyloid Deposition. <i>Alzheimer's and Dementia</i> , 2016, 12, P729.	0.4	0