

# Matthew R Walker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9381538/publications.pdf>

Version: 2024-02-01

12  
papers

340  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Status and Future Prospects of the SNO+ Experiment. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-21.	1.1	185
2	Affective Circuitry Alterations in Patients with Trigeminal Neuralgia. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 73.	1.7	36
3	Diffusion tensor imaging assessment of microstructural brainstem integrity in Chiari malformation Type I. <i>Journal of Neurosurgery</i> , 2016, 125, 1112-1119.	1.6	33
4	Search for invisible modes of nucleon decay in water with the SNO+ detector. <i>Physical Review D</i> , 2019, 99, .	4.7	20
5	Differential expression of a brain aging biomarker across discrete chronic pain disorders. <i>Pain</i> , 2022, 163, 1468-1478.	4.2	15
6	Merged Group Tractography Evaluation with Selective Automated Group Integrated Tractography. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 96.	1.7	14
7	Acute MR-Guided High-Intensity Focused Ultrasound Lesion Assessment Using Diffusion-Weighted Imaging and Histological Analysis. <i>Frontiers in Neurology</i> , 2019, 10, 1069.	2.4	10
8	Brainstem trigeminal fiber microstructural abnormalities are associated with treatment response across subtypes of trigeminal neuralgia. <i>Pain</i> , 2021, 162, 1790-1799.	4.2	9
9	An In vivo Multi-Modal Structural Template for Neonatal Piglets Using High Angular Resolution and Population-Based Whole-Brain Tractography. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 92.	1.7	6
10	The Utility of Diffusion Tensor Imaging in Neuromodulation: Moving Beyond Conventional Magnetic Resonance Imaging. <i>Neuromodulation</i> , 2020, 23, 427-435.	0.8	5
11	Acute ex vivo changes in brain white matter diffusion tensor metrics. <i>PLoS ONE</i> , 2019, 14, e0223211.	2.5	4
12	Peripheral Nerve Focused Ultrasound Lesioningâ€™ Visualization and Assessment Using Diffusion Weighted Imaging. <i>Frontiers in Neurology</i> , 2021, 12, 673060.	2.4	3