

# Marcus T Wilson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/581347/publications.pdf>

Version: 2024-02-01

11  
papers

175  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical modeling of neural plasticity induced by transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2018, 129, 1230-1241.	1.5	42
2	Noise-Induced Precursors of State Transitions in the Stochastic Wilson–Cowan Model. <i>Journal of Mathematical Neuroscience</i> , 2015, 5, 9.	2.4	31
3	EEG slow-wave coherence changes in propofol-induced general anesthesia: experiment and theory. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 215.	2.5	24
4	The challenges of producing effective small coils for transcranial magnetic stimulation of mice. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 037002.	1.2	19
5	Repetitive Transcranial Magnetic Stimulation: A Call for Better Data. <i>Frontiers in Neural Circuits</i> , 2016, 10, 57.	2.8	17
6	Electrical impedance of mouse brain cortex <i>in vitro</i> from 4.7 kHz to 2.0 MHz. <i>Physiological Measurement</i> , 2014, 35, 267-281.	2.1	11
7	Modeling motor-evoked potentials from neural field simulations of transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2021, 132, 412-428.	1.5	10
8	Design and Demonstration <i>In Vitro</i> of a Mouse-Specific Transcranial Magnetic Stimulation Coil. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-11.	2.1	10
9	Numerical Modeling of Plasticity Induced by Quadri-Pulse Stimulation. <i>IEEE Access</i> , 2021, 9, 26484-26490.	4.2	6
10	MICROSTRUCTURE AND MAGNETIC PROPERTIES OF NANOSTRUCTURED $\text{Al}_2\text{O}_3$ -20% $\text{Fe}_{70}\text{Co}_2$ COMPOSITE PREPARED BY HIGH ENERGY MECHANICAL MILLING. <i>International Journal of Modern Physics B</i> , 2009, 23, 1383-1388.	2.0	2
11	Derivation of the Amplitude Equation for Reaction–Diffusion Systems via Computer-Aided Multiple-Scale Expansion. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450101.	1.7	2