

The origin of extracellular fields and currents â€” EEG, MEG, and the flow of information in biological systems

Nature Reviews Neuroscience

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Laminar Cortex Model: A New Continuum Cortex Model Incorporating Laminar Architecture. PLoS Computational Biology, 2012, 8, e1002733.	1.5	13
2	Functional maps within a single neuron. Journal of Neurophysiology, 2012, 108, 2343-2351.	0.9	65
3	Human seizures self-terminate across spatial scales via a critical transition. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21116-21121.	3.3	182
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5	Chronobioengineering: Introduction to Biological Rhythms with Applications, Volume 1. Synthesis Lectures on Biomedical Engineering, 2012, 7, 1-286.	0.1	2
6	Effects of dopamine depletion on LFP oscillations in striatum are task- and learning-dependent and selectively reversed by $\alpha$ -DOPA. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18126-18131.	3.3	78
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10	Accelerated aging of the GABAergic septohippocampal pathway and decreased hippocampal rhythms in a mouse model of Alzheimer's disease. FASEB Journal, 2012, 26, 4458-4467.	0.2	77
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16	Imaging neural circuit dynamics with a voltage-sensitive fluorescent protein. Journal of Neurophysiology, 2012, 108, 2323-2337.	0.9	225
17	Sensors and Decoding for Intracortical Brain Computer Interfaces. Annual Review of Biomedical Engineering, 2013, 15, 383-405.	5.7	110
18	Feature extraction using first and second derivative extrema (FSDE) for real-time and hardware-efficient spike sorting. Journal of Neuroscience Methods, 2013, 215, 29-37.	1.3	77

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19	Closed-loop optogenetic intervention in mice. Nature Protocols, 2013, 8, 1475-1493.	5.5	122
20	Non-linear dependency between spiking response and gamma-band power of local field potentials in the human auditory cortex. BMC Neuroscience, 2013, 14, .	0.8	0
21	Extracellular field signatures of CA1 spiking cell assemblies during sharp wave-ripple complexes. BMC Neuroscience, 2013, 14, .	0.8	0
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24	The Virtual Brain Integrates Computational Modeling and Multimodal Neuroimaging. Brain Connectivity, 2013, 3, 121-145.	0.8	218
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