

# Amir Shmuel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8630865/publications.pdf>

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11  
papers

1,092  
citations

1040056

9  
h-index

1281871

11  
g-index

13  
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13  
docs citations

13  
times ranked

2132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Deep Learning Algorithms to Automatically Identify the Brain MRI Contrast: Implications for Managing Large Databases. <i>Neuroinformatics</i> , 2019, 17, 115-130.	2.8	24
2	Accurate Classification of Seizure and Seizure-Free Intervals of Intracranial EEG Signals From Epileptic Patients. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 791-796.	4.7	77
3	A rat model of somatosensory-evoked reflex seizures induced by peripheral stimulation. <i>Epilepsy Research</i> , 2019, 157, 106209.	1.6	9
4	Optimization of functional MRI for detection, decoding and high-resolution imaging of the response patterns of cortical columns. <i>NeuroImage</i> , 2018, 164, 67-99.	4.2	17
5	Spatial specificity of the functional MRI blood oxygenation response relative to neuronal activity. <i>NeuroImage</i> , 2018, 164, 32-47.	4.2	39
6	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018, 100, 61-74.e2.	8.1	190
7	1D Current Source Density (CSD) Estimation in Inverse Theory: A Unified Framework for Higher-Order Spectral Regularization of Quadrature and Expansion-Type CSD Methods. <i>Neural Computation</i> , 2016, 28, 1305-1355.	2.2	6
8	Laminar Distribution of Phase-Amplitude Coupling of Spontaneous Current Sources and Sinks. <i>Frontiers in Neuroscience</i> , 2015, 9, 454.	2.8	37
9	Variability of the coupling of blood flow and oxygen metabolism responses in the brain: a problem for interpreting BOLD studies but potentially a new window on the underlying neural activity. <i>Frontiers in Neuroscience</i> , 2014, 8, 139.	2.8	53
10	Mechanisms underlying decoding at 7Â: Ocular dominance columns, broad structures, and macroscopic blood vessels in V1 convey information on the stimulated eye. <i>NeuroImage</i> , 2010, 49, 1957-1964.	4.2	105
11	Neuronal correlates of spontaneous fluctuations in fMRI signals in monkey visual cortex: Implications for functional connectivity at rest. <i>Human Brain Mapping</i> , 2008, 29, 751-761.	3.6	529