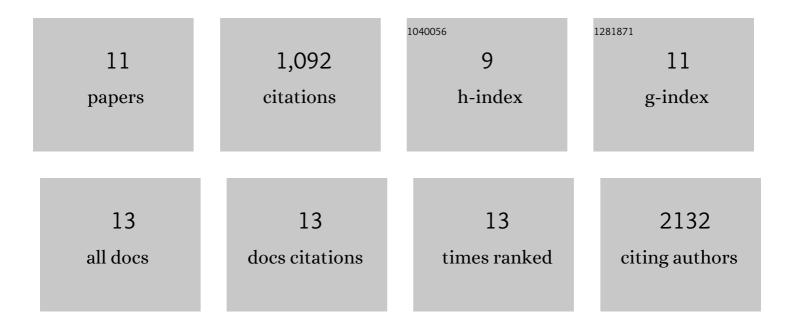
Amir Shmuel

List of Publications by Year in descending order

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AMID SHMILEL

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