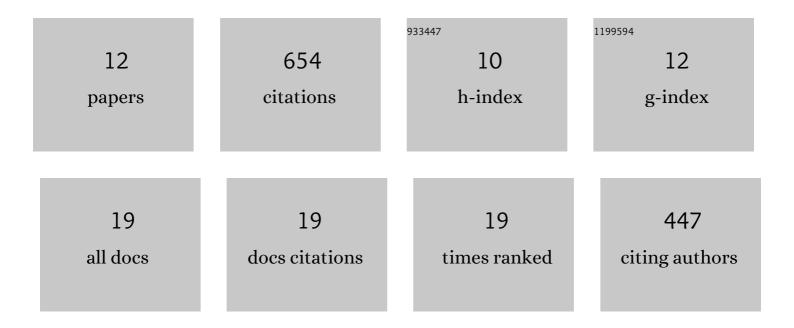
Alan Urban

List of Publications by Year in descending order

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Διαν Πρβαν

#	Article	IF	CITATIONS
1	Neural correlates of blood flow measured by ultrasound. Neuron, 2022, 110, 1631-1640.e4.	8.1	40
2	Quantitative Hemodynamic Measurements in Cortical Vessels Using Functional Ultrasound Imaging. Frontiers in Neuroscience, 2022, 16, 831650.	2.8	11
3	Functional Ultrasound Neuroimaging. Annual Review of Neuroscience, 2022, 45, 491-513.	10.7	12
4	Whole-brain functional ultrasound imaging in awake head-fixed mice. Nature Protocols, 2021, 16, 3547-3571.	12.0	52
5	Optogenetic fUSI for brain-wide mapping of neural activity mediating collicular-dependent behaviors. Neuron, 2021, 109, 1888-1905.e10.	8.1	39
6	A Platform for Brain-wide Volumetric Functional Ultrasound Imaging and Analysis of Circuit Dynamics in Awake Mice. Neuron, 2020, 108, 861-875.e7.	8.1	65
7	Whole-Brain Functional Ultrasound Imaging Reveals Brain Modules for Visuomotor Integration. Neuron, 2018, 100, 1241-1251.e7.	8.1	112
8	Evidence from functional ultrasound imaging of enhanced contralesional microvascular response to somatosensory stimulation in acute middle cerebral artery occlusion/reperfusion in rats: A marker of ultra-early network reorganization?. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1690-1700.	4.3	18
9	Mapping the dynamics of brain perfusion using functional ultrasound in a rat model of transient middle cerebral artery occlusion. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 263-276.	4.3	27
10	Understanding the neurovascular unit at multiple scales: Advantages and limitations of multi-photon and functional ultrasound imaging. Advanced Drug Delivery Reviews, 2017, 119, 73-100.	13.7	42
11	Real-time imaging of brain activity in freely moving rats using functional ultrasound. Nature Methods, 2015, 12, 873-878.	19.0	128
12	Chronic assessment of cerebral hemodynamics during rat forepaw electrical stimulation using functional ultrasound imaging. NeuroImage, 2014, 101, 138-149.	4.2	71