

# Thomas J Oxley

## List of Publications by Year in descending order

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45  
papers

8,011  
citations

394421

19  
h-index

276875

41  
g-index

46  
all docs

46  
docs citations

46  
times ranked

12071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endovascular Therapy for Ischemic Stroke with Perfusion-Imaging Selection. <i>New England Journal of Medicine</i> , 2015, 372, 1009-1018.	27.0	4,778
2	Large-Vessel Stroke as a Presenting Feature of Covid-19 in the Young. <i>New England Journal of Medicine</i> , 2020, 382, e60.	27.0	1,761
3	An analysis of functional neuroimaging studies of dorsolateral prefrontal cortical activity in depression. <i>Psychiatry Research - Neuroimaging</i> , 2006, 148, 33-45.	1.8	214
4	Minimally invasive endovascular stent-electrode array for high-fidelity, chronic recordings of cortical neural activity. <i>Nature Biotechnology</i> , 2016, 34, 320-327.	17.5	210
5	An fMRI study of prefrontal brain activation during multiple tasks in patients with major depressive disorder. <i>Human Brain Mapping</i> , 2008, 29, 490-501.	3.6	156
6	Motor neuroprosthesis implanted with neurointerventional surgery improves capacity for activities of daily living tasks in severe paralysis: first in-human experience. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 102-108.	3.3	106
7	Acute Ischemic Stroke. <i>Stroke</i> , 2014, 45, 640-644.	2.0	101
8	Emergent Large Vessel Occlusion Stroke During New York City's COVID-19 Outbreak. <i>Stroke</i> , 2020, 51, 2656-2663.	2.0	89
9	Mobile Interventional Stroke Teams Lead to Faster Treatment Times for Thrombectomy in Large Vessel Occlusion. <i>Stroke</i> , 2017, 48, 3295-3300.	2.0	79
10	Focal stimulation of the sheep motor cortex with a chronically implanted minimally invasive electrode array mounted on an endovascular stent. <i>Nature Biomedical Engineering</i> , 2018, 2, 907-914.	22.5	77
11	A transcranial magnetic stimulation study of abnormal cortical inhibition in schizophrenia. <i>Psychiatry Research</i> , 2003, 118, 197-207.	3.3	43
12	Chronic impedance spectroscopy of an endovascular stent-electrode array. <i>Journal of Neural Engineering</i> , 2016, 13, 046020.	3.5	35
13	Antiplatelet Resistance and Thromboembolic Complications in Neurointerventional Procedures. <i>Frontiers in Neurology</i> , 2011, 2, 83.	2.4	31
14	Signal quality of simultaneously recorded endovascular, subdural and epidural signals are comparable. <i>Scientific Reports</i> , 2018, 8, 8427.	3.3	31
15	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. <i>JAMA Neurology</i> , 2021, 78, 709.	9.0	30
16	Multimodality Treatment of Posterior Inferior Cerebellar Artery Aneurysms. <i>World Neurosurgery</i> , 2017, 106, 493-503.	1.3	27
17	7T-fMRI: Faster temporal resolution yields optimal BOLD sensitivity for functional network imaging specifically at high spatial resolution. <i>NeuroImage</i> , 2018, 164, 214-229.	4.2	27
18	The ovine motor cortex: A review of functional mapping and cytoarchitecture. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 306-315.	6.1	23

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19	The evolution of endovascular electroencephalography: historical perspective and future applications. <i>Neurosurgical Focus</i> , 2016, 40, E7.	2.3	22
20	Novel and emerging technologies for endovascular thrombectomy. <i>Neurosurgical Focus</i> , 2017, 42, E12.	2.3	17
21	Advanced Imaging of Intracranial Atherosclerosis: Lessons from Interventional Cardiology. <i>Frontiers in Neurology</i> , 2017, 8, 387.	2.4	16
22	A technical comparison of thrombectomy vacuum aspiration systems. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 72-76.	3.3	16
23	Endovascular Neuromodulation: Safety Profile and Future Directions. <i>Frontiers in Neurology</i> , 2020, 11, 351.	2.4	16
24	Endovascular Treatment of Acute Ischemic Stroke With the Penumbra System in Routine Practice: COMPLETE Registry Results. <i>Stroke</i> , 2022, 53, 769-778.	2.0	13
25	<i>In Vivo</i> Impedance Characterization of Cortical Recording Electrodes Shows Dependence on Electrode Location and Size. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 675-681.	4.2	11
26	Racial and Socioeconomic Disparities in the Use and Outcomes of Endovascular Thrombectomy for Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2021, 42, 1576-1583.	2.4	11
27	Mobile Interventional Stroke Teams Improve Outcomes in the Early Time Window for Large Vessel Occlusion Stroke. <i>Stroke</i> , 2021, 52, e527-e530.	2.0	11
28	Spatially dynamic recurrent information flow across long-range dorsal motor network encodes selective motor goals. <i>Human Brain Mapping</i> , 2018, 39, 2635-2650.	3.6	9
29	Closed-Loop Neuromodulation: Listen to the Body. <i>World Neurosurgery</i> , 2019, 122, 415-416.	1.3	7
30	Aspiration thrombectomy with off-label distal access catheters in the distal intracranial vasculature. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 140-145.	1.5	5
31	Feasibility of identifying the ideal locations for motor intention decoding using unimodal and multimodal classification at 7T-fMRI. <i>Scientific Reports</i> , 2018, 8, 15556.	3.3	4
32	Optimized partial-coverage functional analysis pipeline (OPFAP): a semi-automated pipeline for skull stripping and co-registration of partial-coverage, ultra-high-field functional images. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 621-632.	2.0	4
33	Evaluation of a minimally invasive endovascular neural interface for decoding motor activity. , 2019, , .		4
34	Distinct Neural Correlates Underlie Inhibitory Mechanisms of Motor Inhibition and Motor Imagery Restraint. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 77.	2.0	4
35	Neurological implications of COVID-19: a review of the science and clinical guidance. <i>BMJ Neurology Open</i> , 2020, 2, e000101.	1.6	4
36	Republished: A technical consideration when using flow diversion for recurrent aneurysms following stent-assisted coiling. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, e24-e24.	3.3	3

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37	Removing the need for invasive brain surgery: the potential of stent electrodes. <i>Bioelectronics in Medicine</i> , 2019, 2, 9-11.	2.0	3
38	Unique Extracranial-to-Intracranial Neovascularization Found on Diagnostic Angiography Prior to Skull Base Atypical Grade 2 Meningioma Resection: A Case Report and Hypothesis. <i>World Neurosurgery</i> , 2016, 95, 617.e1-617.e6.	1.3	2
39	Variant ascending pharyngeal artery maintaining flow in a subocclusive internal carotid artery. <i>BMJ Case Reports</i> , 2019, 12, e230048.	0.5	2
40	Mechanical suitability of an endovascular braincomputer interface. , 2020, , .		2
41	Movement related directional tuning from broadband electrocorticography in humans. , 2015, , .		1
42	Republished: The bumper technique for advancing a large profile microcatheter. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, e38-e38.	3.3	1
43	The bumper technique for advancing a large profile microcatheter. <i>BMJ Case Reports</i> , 2017, 2017, bcr2016012872.	0.5	1
44	A technical consideration when using flow diversion for recurrent aneurysms following stent-assisted coiling. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016012783.	0.5	1
45	Intracarotid amobarbital disrupts synchronous and nested oscillatory activity ipsilateral to injection. <i>Epilepsy &amp; Behavior Case Reports</i> , 2018, 10, 25-28.	1.5	0