

# Owen O'Daly

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,623  
citations

394286

19  
h-index

315616

38  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased activation of lateral orbitofrontal cortex during risky choices under uncertainty is associated with disadvantageous decision-making and suicidal behavior. <i>NeuroImage</i> , 2010, 51, 1275-1281.	2.1	266
2	Distinct Roles of Prefrontal Cortical Subregions in the Iowa Gambling Task. <i>Cerebral Cortex</i> , 2009, 19, 1134-1143.	1.6	187
3	Emotion-Motion Interactions in Conversion Disorder: An fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0123273.	1.1	125
4	Circadian and Homeostatic Modulation of Functional Connectivity and Regional Cerebral Blood Flow in Humans under Normal Entrained Conditions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1493-1499.	2.4	122
5	Functional Magnetic Resonance Imaging of Inner Speech in Schizophrenia. <i>Biological Psychiatry</i> , 2010, 67, 232-237.	0.7	80
6	ExploreASL: An image processing pipeline for multi-center ASL perfusion MRI studies. <i>NeuroImage</i> , 2020, 219, 117031.	2.1	80
7	Real-time fMRI neurofeedback to down-regulate superior temporal gyrus activity in patients with schizophrenia and auditory hallucinations: a proof-of-concept study. <i>Translational Psychiatry</i> , 2018, 8, 46.	2.4	58
8	Imaging the Visual Network in the Migraine Spectrum. <i>Frontiers in Neurology</i> , 2019, 10, 1325.	1.1	46
9	Insular and occipital changes in visual snow syndrome: a BOLD fMRI and MRS study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 296-306.	1.7	46
10	Test-retest reliability and longitudinal analysis of automated hippocampal subregion volumes in healthy ageing and Alzheimer's disease populations. <i>Human Brain Mapping</i> , 2018, 39, 1743-1754.	1.9	45
11	Linking Pain Sensation to the Autonomic Nervous System: The Role of the Anterior Cingulate and Periaqueductal Gray Resting-State Networks. <i>Frontiers in Neuroscience</i> , 2020, 14, 147.	1.4	45
12	ASAP (Automatic Software for ASL Processing): A toolbox for processing Arterial Spin Labeling images. <i>Magnetic Resonance Imaging</i> , 2016, 34, 334-344.	1.0	40
13	Cerebral analgesic response to nonsteroidal anti-inflammatory drug ibuprofen. <i>Pain</i> , 2015, 156, 1301-1310.	2.0	38
14	Occipital cortex and cerebellum gray matter changes in visual snow syndrome. <i>Neurology</i> , 2020, 95, e1792-e1799.	1.5	35
15	Ketamine modulates subgenual cingulate connectivity with the memory-related neural circuit—a mechanism of relevance to resistant depression?. <i>PeerJ</i> , 2016, 4, e1710.	0.9	34
16	Stimulating thought: a functional MRI study of transcranial direct current stimulation in schizophrenia. <i>Brain</i> , 2017, 140, 2490-2497.	3.7	31
17	Disrupted connectivity within visual, attentional and salience networks in the visual snow syndrome. <i>Human Brain Mapping</i> , 2021, 42, 2032-2044.	1.9	31
18	Using the Stroop task to investigate the neural correlates of symptom change in schizophrenia. <i>British Journal of Psychiatry</i> , 2009, 194, 373-374.	1.7	22

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19	The motilin agonist erythromycin increases hunger by modulating homeostatic and hedonic brain circuits in healthy women: a randomized, placebo-controlled study. <i>Scientific Reports</i> , 2018, 8, 1819.	1.6	20
20	Alterations in Functional Connectivity During Different Phases of the Triggered Migraine Attack. <i>Headache</i> , 2020, 60, 1244-1258.	1.8	20
21	Multi-echo fMRI, resting-state connectivity, and high psychometric schizotypy. <i>NeuroImage: Clinical</i> , 2019, 21, 101603.	1.4	18
22	Impaired Awareness of Hypoglycemia Disrupts Blood Flow to Brain Regions Involved in Arousal and Decision Making in Type 1 Diabetes. <i>Diabetes Care</i> , 2019, 42, 2127-2135.	4.3	17
23	Localised increase in regional cerebral perfusion in patients with visual snow syndrome: a pseudo-continuous arterial spin labelling study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 918-926.	0.9	17
24	Hypoglycemic thalamic activation in type 1 diabetes is associated with preserved symptoms despite reduced epinephrine. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 787-798.	2.4	14
25	Intranasal insulin administration decreases cerebral blood flow in cortico-limbic regions: A neuropharmacological imaging study in normal and overweight males. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 175-185.	2.2	14
26	Modulation of anterior cingulate cortex reward and penalty signalling in medication-naïve young-adult subjects with depressive symptoms following acute dose lurasidone. <i>Psychological Medicine</i> , 2019, 49, 1365-1377.	2.7	13
27	Significant localized reduction in cerebral blood flow (CBF) in regions relevant to cognitive function with enzalutamide (ENZA) compared to darolutamide (DARO) and placebo (PBO) in healthy volunteers. <i>Journal of Clinical Oncology</i> , 2020, 38, 326-326.	0.8	12
28	The association between pain-induced autonomic reactivity and descending pain control is mediated by the periaqueductal grey. <i>Journal of Physiology</i> , 2021, 599, 5243-5260.	1.3	12
29	Neural Responsivity to Food Cues in Patients With Unmedicated First-Episode Psychosis. <i>JAMA Network Open</i> , 2019, 2, e186893.	2.8	11
30	Subacute Changes in N-Acetylaspartate (NAA) Following Ischemic Stroke: A Serial MR Spectroscopy Pilot Study. <i>Diagnostics</i> , 2020, 10, 482.	1.3	11
31	Neuronal nitric oxide synthase regulates regional brain perfusion in healthy humans. <i>Cardiovascular Research</i> , 2022, 118, 1321-1329.	1.8	11
32	The neural and molecular basis of working memory function in psychosis: a multimodal PET-fMRI study. <i>Molecular Psychiatry</i> , 2021, 26, 4464-4474.	4.1	10
33	The heterogeneous functional architecture of the posteromedial cortex is associated with selective functional connectivity differences in Alzheimer's disease. <i>Human Brain Mapping</i> , 2020, 41, 1557-1572.	1.9	10
34	Exposure to food in anorexia nervosa and brain correlates of food-related anxiety: findings from a pilot study. <i>Journal of Affective Disorders</i> , 2020, 274, 1068-1075.	2.0	10
35	Regional cerebral blood flow as predictor of response to occipital nerve block in cluster headache. <i>Journal of Headache and Pain</i> , 2021, 22, 91.	2.5	9
36	Noxious pressure stimulation demonstrates robust, reliable estimates of brain activity and self-reported pain. <i>NeuroImage</i> , 2020, 221, 117178.	2.1	8

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37	Sustained perturbation in functional connectivity induced by cold pain. <i>European Journal of Pain</i> , 2020, 24, 1850-1861.	1.4	6
38	Revealing the mechanisms behind novel auditory stimuli discrimination: An evaluation of silent functional <scp>MRI</scp> using looping star. <i>Human Brain Mapping</i> , 2021, 42, 2833-2850.	1.9	6
39	Restoration of Hypoglycemia Awareness Alters Brain Activity in Type 1 Diabetes. <i>Diabetes Care</i> , 2021, 44, 533-540.	4.3	6
40	Negative symptoms in First-Episode Schizophrenia related to morphometric alterations in orbitofrontal and superior temporal cortex: the OPTiMiSE study. <i>Psychological Medicine</i> , 2023, 53, 3471-3479.	2.7	6
41	Exploring psychotic symptoms: a comparison of motor related neuronal activation during and after acute psychosis. <i>BMC Psychiatry</i> , 2012, 12, 102.	1.1	5
42	Towards a neuroscience-based theory of personality: within-subjects dissociation of human brain activity during pursuit and goal conflict. <i>Personality Neuroscience</i> , 2019, 2, e4.	1.3	5
43	Erythritol and xylitol differentially impact brain networks involved in appetite regulation in healthy volunteers. <i>Nutritional Neuroscience</i> , 2022, 25, 2344-2358.	1.5	5
44	Rapid processing and quantitative evaluation of structural brain scans for adaptive multimodal imaging. <i>Human Brain Mapping</i> , 2022, 43, 1749-1765.	1.9	5
45	The effect of risperidone on reward-related brain activity is robust to drug-induced vascular changes. <i>Human Brain Mapping</i> , 2021, 42, 2766-2777.	1.9	4
46	Altered functional connectivity during hypoglycaemia in type 1 diabetes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1451-1462.	2.4	3
47	You read my mind: fMRI markers of threatening appraisals in people with persistent psychotic experiences. <i>NPJ Schizophrenia</i> , 2021, 7, 49.	2.0	2
48	Internal reliability of blame-related functional MRI measures in major depressive disorder. <i>NeuroImage: Clinical</i> , 2021, 32, 102901.	1.4	1
49	Areas of cerebral blood flow changes on arterial spin labelling with the use of symmetric template during nitroglycerin triggered cluster headache attacks. <i>NeuroImage: Clinical</i> , 2022, 33, 102920.	1.4	1
50	T150. REAL-TIME FMRI NEUROFEEDBACK TO DOWN-REGULATE SUPERIOR TEMPORAL GYRUS ACTIVITY IN PATIENTS WITH SCHIZOPHRENIA AND AUDITORY HALLUCINATIONS: A PROOF-OF-CONCEPT STUDY. <i>Schizophrenia Bulletin</i> , 2018, 44, S174-S174.	2.3	0