

# Olivia K Faull

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7611159/publications.pdf>

Version: 2024-02-01

32  
papers

1,474  
citations

471509

17  
h-index

434195

31  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1666  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Metabolism of Exogenous Ketones in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 848.	2.8	251
2	Physiological Noise in Brainstem fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 623.	2.0	181
3	Treating breathlessness via the brain: changes in brain activity over a course of pulmonary rehabilitation. <i>European Respiratory Journal</i> , 2017, 50, 1701029.	6.7	82
4	The midbrain periaqueductal gray as an integrative and interoceptive neural structure for breathing. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 135-144.	6.1	78
5	Connectivity-based segmentation of the periaqueductal gray matter in human with brainstem optimized diffusion MRI. <i>Human Brain Mapping</i> , 2015, 36, 3459-3471.	3.6	71
6	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 680811.	2.6	69
7	Conditioned respiratory threat in the subdivisions of the human periaqueductal gray. <i>ELife</i> , 2016, 5, .	6.0	66
8	Functional subdivision of the human periaqueductal grey in respiratory control using 7tesla fMRI. <i>NeuroImage</i> , 2015, 113, 356-364.	4.2	64
9	The cortical connectivity of the periaqueductal gray and the conditioned response to the threat of breathlessness. <i>ELife</i> , 2017, 6, .	6.0	62
10	Breathlessness and the brain: the role of expectation. <i>Current Opinion in Supportive and Palliative Care</i> , 2019, 13, 200-210.	1.3	56
11	Opioid suppression of conditioned anticipatory brain responses to breathlessness. <i>NeuroImage</i> , 2017, 150, 383-394.	4.2	52
12	Interoception of breathing and its relationship with anxiety. <i>Neuron</i> , 2021, 109, 4080-4093.e8.	8.1	48
13	Nutritional Ketoacidosis During Incremental Exercise in Healthy Athletes. <i>Frontiers in Physiology</i> , 2019, 10, 290.	2.8	45
14	Breathlessness and the body: Neuroimaging clues for the inferential leap. <i>Cortex</i> , 2017, 95, 211-221.	2.4	44
15	The Effect of Blood Ketone Concentration and Exercise Intensity on Exogenous Ketone Oxidation Rates in Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 505-516.	0.4	38
16	Structural and resting state functional connectivity beyond the cortex. <i>NeuroImage</i> , 2021, 240, 118379.	4.2	25
17	The Filter Detection Task for measurement of breathing-related interoception and metacognition. <i>Biological Psychology</i> , 2021, 165, 108185.	2.2	23
18	Opioids for breathlessness: psychological and neural factors influencing response variability. <i>European Respiratory Journal</i> , 2019, 54, 1900275.	6.7	20

#	ARTICLE	IF	CITATIONS
19	Beyond RPE: The Perception of Exercise Under Normal and Ketotic Conditions. <i>Frontiers in Physiology</i> , 2019, 10, 229.	2.8	20
20	Breathlessness in COPD: linking symptom clusters with brain activity. <i>European Respiratory Journal</i> , 2021, 58, 2004099.	6.7	19
21	The respiratory resistance sensitivity task: An automated method for quantifying respiratory interoception and metacognition. <i>Biological Psychology</i> , 2022, 170, 108325.	2.2	18
22	Psychophysical Differences in Ventilatory Awareness and Breathlessness between Athletes and Sedentary Individuals. <i>Frontiers in Physiology</i> , 2016, 7, 231.	2.8	17
23	Chronic breathlessness: re-thinking the symptom. <i>European Respiratory Journal</i> , 2018, 51, 1702238.	6.7	17
24	Cortical processing of breathing perceptions in the athletic brain. <i>NeuroImage</i> , 2018, 179, 92-101.	4.2	17
25	Cerebrovascular responses during rowing: Do circadian rhythms explain morning and afternoon performance differences?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 467-475.	2.9	14
26	Context is key: exogenous ketosis and athletic performance. <i>Current Opinion in Physiology</i> , 2019, 10, 81-89.	1.8	14
27	Dissociating breathlessness symptoms from mood in asthma. <i>Biological Psychology</i> , 2021, 165, 108193.	2.2	8
28	Remote, Automated, and MRI-Compatible Administration of Interoceptive Inspiratory Resistive Loading. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 161.	2.0	7
29	The Effect of Acetazolamide on Saccadic Latency at 3459 Meters. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 72-77.	0.9	5
30	Investigating the specificity of the neurologic pain signature against breathlessness and finger opposition. <i>Pain</i> , 2021, 162, 2933-2944.	4.2	4
31	Baseline Psychological Traits Contribute to Lake Louise Acute Mountain Sickness Score at High Altitude. <i>High Altitude Medicine and Biology</i> , 2022, 23, 69-77.	0.9	4
32	Perceptual and Ventilatory Responses to Hypercapnia in Athletes and Sedentary Individuals. <i>Frontiers in Physiology</i> , 2022, 13, 820307.	2.8	0