

William K Simmons

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2586091/william-k-simmons-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

9,278
citations

36
h-index

84
g-index

84
ext. papers

11,232
ext. citations

6.4
avg, IF

6.46
L-index

#	Paper	IF	Citations
74	Circular analysis in systems neuroscience: the dangers of double dipping. <i>Nature Neuroscience</i> , 2009 , 12, 535-40	25.5	1908
73	Grounding conceptual knowledge in modality-specific systems. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 84-91	11.4	892
72	Interoceptive predictions in the brain. <i>Nature Reviews Neuroscience</i> , 2015 , 16, 419-29	13.5	761
71	Pictures of appetizing foods activate gustatory cortices for taste and reward. <i>Cerebral Cortex</i> , 2005 , 15, 1602-8	5.1	389
70	Mapping sources of correlation in resting state FMRI, with artifact detection and removal. <i>NeuroImage</i> , 2010 , 52, 571-82	7.9	372
69	A common neural substrate for perceiving and knowing about color. <i>Neuropsychologia</i> , 2007 , 45, 2802-10	10.2	330
68	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 501-513	3.4	283
67	Grounding emotion in situated conceptualization. <i>Neuropsychologia</i> , 2011 , 49, 1105-1127	3.2	280
66	Major depressive disorder is associated with abnormal interoceptive activity and functional connectivity in the insula. <i>Biological Psychiatry</i> , 2014 , 76, 258-66	7.9	257
65	The similarity-in-topography principle: reconciling theories of conceptual deficits. <i>Cognitive Neuropsychology</i> , 2003 , 20, 451-86	2.3	247
64	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012 , 135, 2711-25	11.2	244
63	Depression and obesity: evidence of shared biological mechanisms. <i>Molecular Psychiatry</i> , 2019 , 24, 18-33	15.1	237
62	Evidence for a Large-Scale Brain System Supporting Allostasis and Interoception in Humans. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	236
61	Keeping the body in mind: insula functional organization and functional connectivity integrate interoceptive, exteroceptive, and emotional awareness. <i>Human Brain Mapping</i> , 2013 , 34, 2944-58	5.9	229
60	Self-regulation of amygdala activation using real-time FMRI neurofeedback. <i>PLoS ONE</i> , 2011 , 6, e24522	3.7	226
59	Language and simulation in conceptual processing 2008 , 245-284		223
58	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184

57	The selectivity and functional connectivity of the anterior temporal lobes. <i>Cerebral Cortex</i> , 2010 , 20, 813-25	5.1	184
56	The anterior temporal lobes and the functional architecture of semantic memory. <i>Journal of the International Neuropsychological Society</i> , 2009 , 15, 645-9	3.1	138
55	fMRI evidence for word association and situated simulation in conceptual processing. <i>Journal of Physiology (Paris)</i> , 2008 , 102, 106-19		111
54	Striatal dopamine D2-like receptor correlation patterns with human obesity and opportunistic eating behavior. <i>Molecular Psychiatry</i> , 2014 , 19, 1078-84	15.1	100
53	Depression-Related Increases and Decreases in Appetite: Dissociable Patterns of Aberrant Activity in Reward and Interoceptive Neurocircuitry. <i>American Journal of Psychiatry</i> , 2016 , 173, 418-28	11.9	92
52	Contextual processing of abstract concepts reveals neural representations of nonlinguistic semantic content. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 920-35	3.1	77
51	Altered Insula Activity during Visceral Interoception in Weight-Restored Patients with Anorexia Nervosa. <i>Neuropsychopharmacology</i> , 2016 , 41, 521-8	8.7	73
50	Category-specific integration of homeostatic signals in caudal but not rostral human insula. <i>Nature Neuroscience</i> , 2013 , 16, 1551-2	25.5	72
49	Methodological recommendations for a heartbeat detection-based measure of interoceptive sensitivity. <i>Psychophysiology</i> , 2015 , 52, 1432-40	4.1	67
48	A common gustatory and interoceptive representation in the human mid-insula. <i>Human Brain Mapping</i> , 2015 , 36, 2996-3006	5.9	63
47	Spontaneous resting-state BOLD fluctuations reveal persistent domain-specific neural networks. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 467-75	4	54
46	Embodiment in Religious Knowledge. <i>Journal of Cognition and Culture</i> , 2005 , 5, 14-57	0.8	54
45	The Insular Cortex Dynamically Maps Changes in Cardiorespiratory Interoception. <i>Neuropsychopharmacology</i> , 2018 , 43, 426-434	8.7	50
44	A Preliminary Study of Self-Reported Food Selectivity in Adolescents and Young Adults with Autism Spectrum Disorder. <i>Research in Autism Spectrum Disorders</i> , 2015 , 15-16, 53-59	3	50
43	PTSD and cognitive symptoms relate to inhibition-related prefrontal activation and functional connectivity. <i>Depression and Anxiety</i> , 2017 , 34, 427-436	8.4	45
42	Property generation reflects word association and situated simulation. <i>Language and Cognition</i> , 2011 , 3, 83-119	2.2	43
41	Appetite changes reveal depression subgroups with distinct endocrine, metabolic, and immune states. <i>Molecular Psychiatry</i> , 2020 , 25, 1457-1468	15.1	43
40	Tulsa 1000: a naturalistic study protocol for multilevel assessment and outcome prediction in a large psychiatric sample. <i>BMJ Open</i> , 2018 , 8, e016620	3	42

39	The ventral pallidum and orbitofrontal cortex support food pleasantness inferences. <i>Brain Structure and Function</i> , 2014 , 219, 473-83	4	41
38	Measuring selectivity in fMRI data. <i>Nature Neuroscience</i> , 2007 , 10, 4-5	25.5	36
37	Convergent gustatory and viscerosensory processing in the human dorsal mid-insula. <i>Human Brain Mapping</i> , 2017 , 38, 2150-2164	5.9	35
36	How the heart speaks to the brain: neural activity during cardiorespiratory interoceptive stimulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	35
35	Interoceptive contributions to healthy eating and obesity. <i>Current Opinion in Psychology</i> , 2017 , 17, 106-162		32
34	Attentional bias to food cues in youth with loss of control eating. <i>Appetite</i> , 2015 , 87, 68-75	4.5	32
33	Resting-state brain connectivity after surgical and behavioral weight loss. <i>Obesity</i> , 2015 , 23, 1422-8	8	31
32	Trait impulsivity is related to ventral ACC and amygdala activity during primary reward anticipation. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 36-42	4	28
31	Tonic hyper-connectivity of reward neurocircuitry in obese children. <i>Obesity</i> , 2014 , 22, 1590-3	8	26
30	Obesity is associated with altered mid-insula functional connectivity to limbic regions underlying appetitive responses to foods. <i>Journal of Psychopharmacology</i> , 2017 , 31, 1475-1484	4.6	24
29	Examining the short-term anxiolytic and antidepressant effect of Floatation-REST. <i>PLoS ONE</i> , 2018 , 13, e0190292	3.7	23
28	Neural Processing of Emotional Musical and Nonmusical Stimuli in Depression. <i>PLoS ONE</i> , 2016 , 11, e0156859	3.7	23
27	Is a single "hub" with lots of spokes, an accurate description of the neural architecture of action semantics?: Comment on "Action semantics: A unifying conceptual framework for the selective use of multimodal and modality-specific object knowledge" by van Elk, van Schie and Bekkering. <i>Physics of Life Reviews</i> , 2014 , 11, 261-2	2.1	19
26	The effects of inhibition of fatty acid amide hydrolase (FAAH) by JNJ-42165279 in social anxiety disorder: a double-blind, randomized, placebo-controlled proof-of-concept study. <i>Neuropsychopharmacology</i> , 2021 , 46, 1004-1010	8.7	18
25	Differential privacy-based evaporative cooling feature selection and classification with relief-F and random forests. <i>Bioinformatics</i> , 2017 , 33, 2906-2913	7.2	16
24	The Elicitation of Relaxation and Interoceptive Awareness Using Floatation Therapy in Individuals With High Anxiety Sensitivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 555-562	3.4	16
23	The Neural Bases of Interoceptive Encoding and Recall in Healthy Adults and Adults With Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 546-554	3.4	16
22	How the Brain Wants What the Body Needs: The Neural Basis of Positive Alliesthesia. <i>Neuropsychopharmacology</i> , 2017 , 42, 822-830	8.7	16

21	Beyond synchrony: the capacity of fMRI hyperscanning for the study of human social interaction. <i>Social Cognitive and Affective Neuroscience</i> , 2021 , 16, 84-92	4	16
20	Taking Aim at Interoception's Role in Mental Health. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 496-498	3.4	15
19	Parental influences on neural mechanisms underlying emotion regulation. <i>Trends in Neuroscience and Education</i> , 2019 , 16, 100118	3.7	15
18	Effect of Ibuprofen on BrainAGE: A Randomized, Placebo-Controlled, Dose-Response Exploratory Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 836-843	3.4	15
17	Influence of Visceral Interoceptive Experience on the Brain's Response to Food Images in Anorexia Nervosa. <i>Psychosomatic Medicine</i> , 2017 , 79, 777-784	3.7	14
16	Learning situated emotions. <i>Neuropsychologia</i> , 2020 , 145, 106637	3.2	12
15	Neural correlates of taste reactivity in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2018 , 19, 38-46	5.3	11
14	A "taste" of what is to come: reward sensitivity as a potential endophenotype for major depressive disorder. <i>Biological Psychiatry</i> , 2012 , 72, 526-7	7.9	8
13	Appetite change profiles in depression exhibit differential relationships between systemic inflammation and activity in reward and interoceptive neurocircuitry. <i>Brain, Behavior, and Immunity</i> , 2020 , 83, 163-171	16.6	8
12	Childhood Adversity and Perceived Distress from the COVID-19 Pandemic. <i>Adversity and Resilience Science</i> , 2021 , 2, 1-4	4.3	8
11	The Clinical Significance of Posterior Insular Volume in Adolescent Anorexia Nervosa. <i>Psychosomatic Medicine</i> , 2017 , 79, 1025-1035	3.7	7
10	TEAMwork: Testing Emotional Attunement and Mutuality During Parent-Adolescent fMRI. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 24	3.3	5
9	Evidence for a Large-Scale Brain System Supporting Allostasis and Interoception in Humans		4
8	Effects of Parent Emotion Socialization on the Neurobiology Underlying Adolescent Emotion Processing: A Multimethod fMRI Study.. <i>Research on Child and Adolescent Psychopathology</i> , 2022 , 50, 149-161	4	3
7	Cardiorespiratory noise correction improves the ASL signal. <i>Human Brain Mapping</i> , 2018 , 39, 2353-2367	5.9	2
6	The embodied bases of supernatural concepts. <i>Behavioral and Brain Sciences</i> , 2004 , 27, 735-736	0.9	2
5	Always on my mind: Cross-brain associations of mental health symptoms during simultaneous parent-child scanning. <i>Developmental Cognitive Neuroscience</i> , 2019 , 40, 100729	5.5	2
4	Impact of ibuprofen and peroxisome proliferator-activated receptor gamma on emotion-related neural activation: A randomized, placebo-controlled trial. <i>Brain, Behavior, and Immunity</i> , 2021 , 96, 135-142	16.6	2

3	Associated Changes in E-cigarette Puff Duration and Cigarettes Smoked per Day. <i>Nicotine and Tobacco Research</i> , 2021 , 23, 760-764	4.9	1
2	Into the Unknown: Examining Neural Representations of Parent-Adolescent Interactions. <i>Child Development</i> , 2021 , 92, e1361-e1376	4.9	1
1	The Role of Neurobiological Bases of Dyadic Emotion Regulation in the Development of Psychopathology: Cross-Brain Associations Between Parents and Children.. <i>Clinical Child and Family Psychology Review</i> , 2022 , 25, 5	6.9	0