

William K Simmons

List of Publications by Year in Descending Order

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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	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
73	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
72	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
71	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
70	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
69	Childhood Adversity and Perceived Distress from the COVID-19 Pandemic. <i>Adversity and Resilience Science</i> , 2021 , 2, 1-4	4.3	8
68	Into the Unknown: Examining Neural Representations of Parent-Adolescent Interactions. <i>Child Development</i> , 2021 , 92, e1361-e1376	4.9	1
67	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
66	TEAMwork: Testing Emotional Attunement and Mutuality During Parent-Adolescent fMRI. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 24	3.3	5
65	Learning situated emotions. <i>Neuropsychologia</i> , 2020 , 145, 106637	3.2	12
64	Appetite changes reveal depression subgroups with distinct endocrine, metabolic, and immune states. <i>Molecular Psychiatry</i> , 2020 , 25, 1457-1468	15.1	43
63	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
62	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184
61	Parental influences on neural mechanisms underlying emotion regulation. <i>Trends in Neuroscience and Education</i> , 2019 , 16, 100118	3.7	15
60	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
59	Depression and obesity: evidence of shared biological mechanisms. <i>Molecular Psychiatry</i> , 2019 , 24, 18-33	15.1	237
58	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

57	Neural correlates of taste reactivity in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2018 , 19, 38-46	5.3	11
56	Cardiorespiratory noise correction improves the ASL signal. <i>Human Brain Mapping</i> , 2018 , 39, 2353-2367	5.9	2
55	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 501-513	3.4	283
54	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
53	The Insular Cortex Dynamically Maps Changes in Cardiorespiratory Interoception. <i>Neuropsychopharmacology</i> , 2018 , 43, 426-434	8.7	50
52	Taking Aim at Interoception's Role in Mental Health. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 496-498	3.4	15
51	Examining the short-term anxiolytic and antidepressant effect of Floatation-REST. <i>PLoS ONE</i> , 2018 , 13, e0190292	3.7	23
50	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
49	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
48	Convergent gustatory and viscerosensory processing in the human dorsal mid-insula. <i>Human Brain Mapping</i> , 2017 , 38, 2150-2164	5.9	35
47	Evidence for a Large-Scale Brain System Supporting Allostasis and Interoception in Humans. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	236
46	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
45	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
44	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
43	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
42	The Clinical Significance of Posterior Insular Volume in Adolescent Anorexia Nervosa. <i>Psychosomatic Medicine</i> , 2017 , 79, 1025-1035	3.7	7
41	Interoceptive contributions to healthy eating and obesity. <i>Current Opinion in Psychology</i> , 2017 , 17, 106-162		32
40	How the Brain Wants What the Body Needs: The Neural Basis of Positive Alliesthesia. <i>Neuropsychopharmacology</i> , 2017 , 42, 822-830	8.7	16

39	Altered Insula Activity during Visceral Interoception in Weight-Restored Patients with Anorexia Nervosa. <i>Neuropsychopharmacology</i> , 2016 , 41, 521-8	8.7	73
38	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
37	Neural Processing of Emotional Musical and Nonmusical Stimuli in Depression. <i>PLoS ONE</i> , 2016 , 11, e0156859	5.6	23
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	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
34	Resting-state brain connectivity after surgical and behavioral weight loss. <i>Obesity</i> , 2015 , 23, 1422-8	8	31
33	A common gustatory and interoceptive representation in the human mid-insula. <i>Human Brain Mapping</i> , 2015 , 36, 2996-3006	5.9	63
32	Methodological recommendations for a heartbeat detection-based measure of interoceptive sensitivity. <i>Psychophysiology</i> , 2015 , 52, 1432-40	4.1	67
31	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
30	Interoceptive predictions in the brain. <i>Nature Reviews Neuroscience</i> , 2015 , 16, 419-29	13.5	761
29	Attentional bias to food cues in youth with loss of control eating. <i>Appetite</i> , 2015 , 87, 68-75	4.5	32
28	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
27	Tonic hyper-connectivity of reward neurocircuitry in obese children. <i>Obesity</i> , 2014 , 22, 1590-3	8	26
26	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
25	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
24	The ventral pallidum and orbitofrontal cortex support food pleasantness inferences. <i>Brain Structure and Function</i> , 2014 , 219, 473-83	4	41
23	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
22	Category-specific integration of homeostatic signals in caudal but not rostral human insula. <i>Nature Neuroscience</i> , 2013 , 16, 1551-2	25.5	72

21	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
20	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012 , 135, 2711-25	11.2	244
19	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
18	Spontaneous resting-state BOLD fluctuations reveal persistent domain-specific neural networks. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 467-75	4	54
17	Grounding emotion in situated conceptualization. <i>Neuropsychologia</i> , 2011 , 49, 1105-1127	3.2	280
16	Property generation reflects word association and situated simulation. <i>Language and Cognition</i> , 2011 , 3, 83-119	2.2	43
15	Self-regulation of amygdala activation using real-time fMRI neurofeedback. <i>PLoS ONE</i> , 2011 , 6, e24522	3.7	226
14	The selectivity and functional connectivity of the anterior temporal lobes. <i>Cerebral Cortex</i> , 2010 , 20, 813-25	5.1	184
13	Mapping sources of correlation in resting state fMRI, with artifact detection and removal. <i>NeuroImage</i> , 2010 , 52, 571-82	7.9	372
12	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
11	Circular analysis in systems neuroscience: the dangers of double dipping. <i>Nature Neuroscience</i> , 2009 , 12, 535-40	25.5	1908
10	fMRI evidence for word association and situated simulation in conceptual processing. <i>Journal of Physiology (Paris)</i> , 2008 , 102, 106-19		111
9	Language and simulation in conceptual processing 2008 , 245-284		223
8	Measuring selectivity in fMRI data. <i>Nature Neuroscience</i> , 2007 , 10, 4-5	25.5	36
7	A common neural substrate for perceiving and knowing about color. <i>Neuropsychologia</i> , 2007 , 45, 2802-10	19.2	330
6	Embodiment in Religious Knowledge. <i>Journal of Cognition and Culture</i> , 2005 , 5, 14-57	0.8	54
5	Pictures of appetizing foods activate gustatory cortices for taste and reward. <i>Cerebral Cortex</i> , 2005 , 15, 1602-8	5.1	389
4	The embodied bases of supernatural concepts. <i>Behavioral and Brain Sciences</i> , 2004 , 27, 735-736	0.9	2

- 3 The similarity-in-topography principle: reconciling theories of conceptual deficits. *Cognitive Neuropsychology*, **2003**, 20, 451-86 2.3 247
- 2 Grounding conceptual knowledge in modality-specific systems. *Trends in Cognitive Sciences*, **2003**, 7, 84-914 892
- 1 Evidence for a Large-Scale Brain System Supporting Allostasis and Interoception in Humans 4