Ryan Smith

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4525213/publications.pdf

Version: 2024-02-01

97 papers	3,160 citations	172443 29 h-index	206102 48 g-index
124 all docs	124 docs citations	124 times ranked	2726 citing authors

#	Article	IF	Citations
1	Lower emotional awareness is associated with greater early adversity and faster life history strategy.. Evolutionary Behavioral Sciences, 2023, 17, 1-15.	0.8	4
2	A step-by-step tutorial on active inference and its application to empirical data. Journal of Mathematical Psychology, 2022, 107, 102632.	1.8	69
3	Higher emotional awareness is associated with greater domain-general reflective tendencies. Scientific Reports, 2022, 12, 3123.	3.3	1
4	From Generative Models to Generative Passages: A Computational Approach to (Neuro) Phenomenology. Review of Philosophy and Psychology, 2022, 13, 829-857.	1.8	17
5	Active inference models do not contradict folk psychology. SynthÃˆse, 2022, 200, 1.	1.1	10
6	An active inference model of conscious access: How cognitive action selection reconciles the results of report and no-report paradigms. Current Research in Neurobiology, 2022, 3, 100036.	2.3	6
7	Slower Learning Rates from Negative Outcomes in Substance Use Disorder over a 1-Year Period and Their Potential Predictive Utility. Computational Psychiatry, 2022, 6, 117.	2.0	10
8	An Active Inference Approach to Dissecting Reasons for Nonadherence to Antidepressants. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 919-934.	1.5	10
9	The predictive global neuronal workspace: A formal active inference model of visual consciousness. Progress in Neurobiology, 2021, 199, 101918.	5.7	44
10	Deeply Felt Affect: The Emergence of Valence in Deep Active Inference. Neural Computation, 2021, 33, 398-446.	2.2	94
11	Neural and phenotypic representation under the free-energy principle. Neuroscience and Biobehavioral Reviews, 2021, 120, 109-122.	6.1	13
12	Recent advances in the application of predictive coding and active inference models within clinical neuroscience. Psychiatry and Clinical Neurosciences, 2021, 75, 3-13.	1.8	76
13	Perceptual insensitivity to the modulation of interoceptive signals in depression, anxiety, and substance use disorders. Scientific Reports, 2021, 11, 2108.	3.3	26
14	Greater decision uncertainty characterizes a transdiagnostic patient sample during approach-avoidance conflict: a computational modelling approach. Journal of Psychiatry and Neuroscience, 2021, 46, E74-E87.	2.4	37
15	Sex differences in circulating inflammatory mediators as a function of substance use disorder. Drug and Alcohol Dependence, 2021, 221, 108610.	3.2	0
16	Simulating the computational mechanisms of cognitive and behavioral psychotherapeutic interventions: insights from active inference. Scientific Reports, 2021, 11, 10128.	3.3	9
17	Long-term stability of computational parameters during approach-avoidance conflict in a transdiagnostic psychiatric patient sample. Scientific Reports, 2021, 11, 11783.	3.3	26
18	Emotional intelligence training as a protective factor for mental health during the COVIDâ€19 pandemic. Depression and Anxiety, 2021, 38, 1018-1025.	4.1	23

#	Article	IF	Citations
19	Is the concept of affective agnosia a useful addition to the alexithymia literature?. Neuroscience and Biobehavioral Reviews, 2021, 127, 747-748.	6.1	0
20	Levels of Emotional Awareness: Theory and Measurement of a Socio-Emotional Skill. Journal of Intelligence, 2021, 9, 42.	2.5	30
21	Gut inference: A computational modelling approach. Biological Psychology, 2021, 164, 108152.	2.2	24
22	Computational Mechanisms of Addiction: Recent Evidence and Its Relevance to Addiction Medicine. Current Addiction Reports, 2021, 8, 509-519.	3.4	19
23	Subjective Experience and Its Neural Basis. , 2021, , 253-284.		0
24	Lower Levels of Directed Exploration and Reflective Thinking Are Associated With Greater Anxiety and Depression. Frontiers in Psychiatry, 2021, 12, 782136.	2.6	14
25	Higher Emotional Awareness Is Associated With Reduced Pain in Irritable Bowel Syndrome Patients: Preliminary Results. Psychological Reports, 2020, 123, 2227-2247.	1.7	9
26	Harnessing unconscious emotional learning in specific phobia. Lancet Psychiatry,the, 2020, 7, 922-923.	7.4	2
27	Imprecise action selection in substance use disorder: Evidence for active learning impairments when solving the explore-exploit dilemma. Drug and Alcohol Dependence, 2020, 215, 108208.	3.2	42
28	Affective agnosia: a core affective processing deficit in the alexithymia spectrum. BioPsychoSocial Medicine, 2020, 14, .	2.1	9
29	An Active Inference Approach to Modeling Structure Learning: Concept Learning as an Example Case. Frontiers in Computational Neuroscience, 2020, 14, 41.	2.1	46
30	The evolution and development of the uniquely human capacity for emotional awareness: A synthesis of comparative anatomical, cognitive, neurocomputational, and evolutionary psychological perspectives. Biological Psychology, 2020, 154, 107925.	2.2	15
31	Decision-making deficits in substance use disorders. , 2020, , 25-61.		5
32	Sophisticated Affective Inference: Simulating Anticipatory Affective Dynamics of Imagining Future Events. Communications in Computer and Information Science, 2020, , 179-186.	0.5	11
33	A Bayesian computational model reveals a failure to adapt interoceptive precision estimates across depression, anxiety, eating, and substance use disorders. PLoS Computational Biology, 2020, 16, e1008484.	3.2	81
34	Thinking through othersâ€™ emotions: Incorporating the role of emotional state inference in thinking through other minds. Behavioral and Brain Sciences, 2020, 43, e114.	0.7	1
35	Confirmatory Evidence that Healthy Individuals Can Adaptively Adjust Prior Expectations and Interoceptive Precision Estimates. Communications in Computer and Information Science, 2020, , 156-164.	0.5	5
36	Implicit self-esteem is associated with higher levels of trait gratitude in women but not men. Journal of Positive Psychology, 2019, 14, 587-592.	4.0	3

#	Article	IF	Citations
37	The Role of Prefrontal Cortical Surface Area and Volume in Preclinical Suicidal Ideation in a Non-Clinical Sample. Frontiers in Psychiatry, 2019, 10, 445.	2.6	5
38	The role of anterior and midcingulate cortex in emotional awareness: A domain-general processing perspective. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 166, 89-101.	1.8	12
39	Neurocomputational mechanisms underlying emotional awareness: Insights afforded by deep active inference and their potential clinical relevance. Neuroscience and Biobehavioral Reviews, 2019, 107, 473-491.	6.1	60
40	Parameters as Trait Indicators: Exploring a Complementary Neurocomputational Approach to Conceptualizing and Measuring Trait Differences in Emotional Intelligence. Frontiers in Psychology, 2019, 10, 848.	2.1	3
41	Simulating Emotions: An Active Inference Model of Emotional State Inference and Emotion Concept Learning. Frontiers in Psychology, 2019, 10, 2844.	2.1	73
42	The Mediating Role of Interpretation Bias on the Relationship Between Trait Gratitude and Depressive Symptoms. International Journal of Applied Positive Psychology, 2019, 4, 135-147.	2.3	1
43	An Embodied Neurocomputational Framework for Organically Integrating Biopsychosocial Processes: An Application to the Role of Social Support in Health and Disease. Psychosomatic Medicine, 2019, 81, 125-145.	2.0	24
44	The importance of identifying underlying process abnormalities in alexithymia: Implications of the three-process model and a single case study illustration. Consciousness and Cognition, 2019, 68, 33-46.	1.5	19
45	Developmental Contributions to Emotional Awareness. Journal of Personality Assessment, 2019, 101, 150-158.	2.1	24
46	Increases in Emotional Intelligence After an Online Training Program Are Associated With Better Decision-Making on the Iowa Gambling Task. Psychological Reports, 2019, 122, 853-879.	1.7	28
47	The Association Between Trait Gratitude and Self-Reported Sleep Quality Is Mediated by Depressive Mood State. Behavioral Sleep Medicine, 2019, 17, 41-48.	2.1	10
48	The role of medial prefrontal cortex in the working memory maintenance of oneâ€™s own emotional responses. Scientific Reports, 2018, 8, 3460.	3.3	45
49	Gratitude and Subjective Wellbeing: A Proposal of Two Causal Frameworks. Journal of Happiness Studies, 2018, 19, 1519-1542.	3.2	64
50	Conflict-related dorsomedial frontal cortex activation during healthy food decisions is associated with increased cravings for high-fat foods. Brain Imaging and Behavior, 2018, 12, 685-696.	2.1	5
51	Chronic sleep restriction differentially affects implicit biases toward food among men and women: preliminary evidence. Journal of Sleep Research, 2018, 27, e12629.	3.2	9
52	Sex differences in emotion recognition ability: The mediating role of trait emotional awareness. Motivation and Emotion, 2018, 42, 149-160.	1.3	38
53	Nested positive feedback loops in the maintenance of major depression: An integration and extension of previous models. Brain, Behavior, and Immunity, 2018, 67, 374-397.	4.1	34
54	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. Consciousness and Cognition, 2018, 57, 54-61.	1.5	22

#	Article	IF	Citations
55	Successful Goal-Directed Memory Suppression is Associated With Increased Inter-Hemispheric Coordination Between Right and Left Frontoparietal Control Networks. Psychological Reports, 2018, 121, 93-111.	1.7	2
56	Resting-state functional connectivity as a biomarker of aggression in mild traumatic brain injury. NeuroReport, 2018, 29, 1413-1417.	1.2	18
57	Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link Between Early Adversity and Chronic Pain. Psychosomatic Medicine, 2018, 80, 880-890.	2.0	41
58	Common and Unique Neural Systems Underlying the Working Memory Maintenance of Emotional vs. Bodily Reactions to Affective Stimuli: The Moderating Role of Trait Emotional Awareness. Frontiers in Human Neuroscience, 2018, 12, 370.	2.0	20
59	A neuro-cognitive process model of emotional intelligence. Biological Psychology, 2018, 139, 131-151.	2.2	45
60	Higher levels of trait emotional awareness are associated with more efficient global information integration throughout the brain: a graph-theoretic analysis of resting state functional connectivity. Social Cognitive and Affective Neuroscience, 2018, 13, 665-675.	3.0	23
61	Elevated Aggression and Reduced White Matter Integrity in Mild Traumatic Brain Injury: A DTI Study. Frontiers in Behavioral Neuroscience, 2018, 12, 118.	2.0	24
62	The Relationship Between General Intelligence and Cortical Structure in Healthy Individuals. Neuroscience, 2018, 388, 36-44.	2.3	26
63	Chronic sleep restriction affects the association between implicit bias and explicit social decision making. Sleep Health, 2018, 4, 456-462.	2.5	13
64	The structure of emotional experience and its relation to trait emotional awareness: A theoretical review.. Emotion, 2018, 18, 670-692.	1.8	65
65	Highways of the emotional intellect: white matter microstructural correlates of an ability-based measure of emotional intelligence. Social Neuroscience, 2017, 12, 253-267.	1.3	18
66	Contributions of self-report and performance-based individual differences measures of social cognitive ability to large-scale neural network functioning. Brain Imaging and Behavior, 2017, 11, 685-697.	2.1	12
67	The hierarchical basis of neurovisceral integration. Neuroscience and Biobehavioral Reviews, 2017, 75, 274-296.	6.1	353
68	Emotional intelligence is associated with connectivity within and between resting state networks. Social Cognitive and Affective Neuroscience, 2017, 12, 1624-1636.	3.0	28
69	Resting state functional connectivity correlates of emotional awareness. NeuroImage, 2017, 159, 99-106.	4.2	39
70	Chronic Sleep Restriction Increases Negative Implicit Attitudes Toward Arab Muslims. Scientific Reports, 2017, 7, 4285.	3.3	17
71	A neuro-cognitive defense of the unified self. Consciousness and Cognition, 2017, 48, 21-39.	1.5	12
72	Reconciling cognitive and affective neuroscience perspectives on the brain basis of emotional experience. Neuroscience and Biobehavioral Reviews, 2017, 76, 187-215.	6.1	98

#	Article	IF	Citations
73	Maintaining the feelings of others in working memory is associated with activation of the left anterior insula and left frontal-parietal control network. Social Cognitive and Affective Neuroscience, 2017, 12, 848-860.	3.0	48
74	Grateful People Are Happy and Healthyâ€"But Why?. Frontiers for Young Minds, 2017, 5, .	0.8	2
75	How Do Emotions Work?. Frontiers for Young Minds, 2017, 5, .	0.8	1
76	Blue-Light Therapy following Mild Traumatic Brain Injury: Effects on White Matter Water Diffusion in the Brain. Frontiers in Neurology, 2017, 8, 616.	2.4	25
77	Acute exposure to blue wavelength light during memory consolidation improves verbal memory performance. PLoS ONE, 2017, 12, e0184884.	2.5	33
78	The relationship between consciousness, understanding, and rationality. Philosophical Psychology, 2016, 29, 943-957.	0.9	6
79	Unwanted reminders: The effects of emotional memory suppression on subsequent neuro-cognitive processing. Consciousness and Cognition, 2016, 44, 103-113.	1.5	8
80	Brain and behavior changes associated with an abbreviated 4â€week mindfulnessâ€based stress reduction course in back pain patients. Brain and Behavior, 2016, 6, e00443.	2.2	45
81	Unconscious emotion: A cognitive neuroscientific perspective. Neuroscience and Biobehavioral Reviews, 2016, 69, 216-238.	6.1	68
82	Exposure to Blue Light Increases Subsequent Functional Activation of the Prefrontal Cortex During Performance of a Working Memory Task. Sleep, 2016, 39, 1671-1680.	1.1	61
83	Disentangling introspective and exteroceptive attentional control from emotional appraisal in depression using fMRI: A preliminary study. Psychiatry Research - Neuroimaging, 2016, 248, 39-47.	1.8	12
84	Exposure to blue wavelength light modulates anterior cingulate cortex activation in response to â€˜uncertainâ€™ versus â€˜certainâ€™ anticipation of positive stimuli. Neuroscience Letters, 2016, 616, 5-10.	2.1	18
85	Regional Frontal Lobe Response Magnitudes During Affective Shifting Covary With Resting Heart Rate Variability in Healthy Volunteers. Journal of Psychophysiology, 2016, 30, 165-174.	0.7	6
86	The neural basis of attaining conscious awareness of sad mood. Brain Imaging and Behavior, 2015, 9, 574-587.	2.1	18
87	Affective agnosia: Expansion of the alexithymia construct and a new opportunity to integrate and extend Freud's legacy. Neuroscience and Biobehavioral Reviews, 2015, 55, 594-611.	6.1	152
88	Altered functional connectivity between medial prefrontal cortex and the inferior brainstem in major depression during appraisal of subjective emotional responses: A preliminary study. Biological Psychology, 2015, 108, 13-24.	2.2	40
89	The neural basis of one's own conscious and unconscious emotional states. Neuroscience and Biobehavioral Reviews, 2015, 57, 1-29.	6.1	137
90	Role of medial prefrontal cortex in representing oneâ€™s own subjective emotional responses: A preliminary study. Consciousness and Cognition, 2014, 29, 117-130.	1.5	32

#	Article	IF	Citations
91	Increased association over time between regional frontal lobe BOLD change magnitude and cardiac vagal control with sertraline treatment for major depression. Psychiatry Research - Neuroimaging, 2014, 224, 225-233.	1.8	24
92	Explanation, understanding, and control. SynthÃˆse, 2014, 191, 4169-4200.	1.1	12
93	Do Brains Have an Arrow of Time?. Philosophy of Science, 2014, 81, 265-275.	1.0	6
94	Antidepressant effects of sertraline associated with volume increases in dorsolateral prefrontal cortex. Journal of Affective Disorders, 2013, 146, 414-419.	4.1	80
95	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. Journal of Affective Disorders, 2013, 150, 565-570.	4.1	64
96	Localizing sadness activation within the subgenual cingulate in individuals: a novel functional MRI paradigm for detecting individual differences in the neural circuitry underlying depression. Brain Imaging and Behavior, 2011, 5, 229-239.	2.1	30
97	In vitro biological dosimeter modeling of the glioblastoma response to radiation delivered by the Gamma Knife. Journal of Neurosurgery, 2010, 113, 222-227.	1.6	1