

# Aaron S Heller

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,540  
citations

218677

26  
h-index

214800

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

5337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 501-513.	1.5	524
2	Reduced capacity to sustain positive emotion in major depression reflects diminished maintenance of fronto-striatal brain activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22445-22450.	7.1	383
3	Development of the emotional brain. <i>Neuroscience Letters</i> , 2019, 693, 29-34.	2.1	239
4	When Is an Adolescent an Adult? Assessing Cognitive Control in Emotional and Nonemotional Contexts. <i>Psychological Science</i> , 2016, 27, 549-562.	3.3	202
5	Functional connectivity with the hippocampus during successful memory formation. <i>Hippocampus</i> , 2005, 15, 997-1005.	1.9	193
6	Amygdala-prefrontal coupling underlies individual differences in emotion regulation. <i>NeuroImage</i> , 2012, 62, 1575-1581.	4.2	178
7	Functional connectivity with anterior cingulate and orbitofrontal cortices during decision-making. <i>Cognitive Brain Research</i> , 2005, 23, 61-70.	3.0	165
8	Relationships Between Changes in Sustained Fronto-Striatal Connectivity and Positive Affect in Major Depression Resulting From Antidepressant Treatment. <i>American Journal of Psychiatry</i> , 2013, 170, 197-206.	7.2	140
9	Sustained Striatal Activity Predicts Eudaimonic Well-Being and Cortisol Output. <i>Psychological Science</i> , 2013, 24, 2191-2200.	3.3	128
10	Moment-to-Moment BOLD Signal Variability Reflects Regional Changes in Neural Flexibility across the Lifespan. <i>Journal of Neuroscience</i> , 2017, 37, 5539-5548.	3.6	125
11	Post-traumatic growth as positive personality change: Challenges, opportunities, and recommendations. <i>Journal of Personality</i> , 2021, 89, 145-165.	3.2	115
12	Cerebral Responses to Change in Spatial Location of Unattended Sounds. <i>Neuron</i> , 2007, 55, 985-996.	8.1	110
13	Reduced Right Ventrolateral Prefrontal Cortex Activity While Inhibiting Positive Affect Is Associated with Improvement in Hedonic Capacity After 8 Weeks of Antidepressant Treatment in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2011, 70, 962-968.	1.3	82
14	Increased Prefrontal Cortex Activity During Negative Emotion Regulation as a Predictor of Depression Symptom Severity Trajectory Over 6 Months. <i>JAMA Psychiatry</i> , 2013, 70, 1181.	11.0	74
15	Purposeful Engagement, Healthy Aging, and the Brain. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 318-327.	1.3	71
16	Neural Mechanisms of Emotion Regulation in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3409-3423.	2.7	69
17	Association between real-world experiential diversity and positive affect relates to hippocampal-striatal functional connectivity. <i>Nature Neuroscience</i> , 2020, 23, 800-804.	14.8	69
18	The Face of Negative Affect: Trial-by-Trial Corrugator Responses to Negative Pictures Are Positively Associated with Amygdala and Negatively Associated with Ventromedial Prefrontal Cortex Activity. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2102-2110.	2.3	65

#	ARTICLE	IF	CITATIONS
19	The Neurodynamics of Affect in the Laboratory Predicts Persistence of Real-World Emotional Responses. <i>Journal of Neuroscience</i> , 2015, 35, 10503-10509.	3.6	63
20	The neurodynamics of emotion: delineating typical and atypical emotional processes during adolescence. <i>Developmental Science</i> , 2016, 19, 3-18.	2.4	61
21	Cortical-Subcortical Interactions in Depression: From Animal Models to Human Psychopathology. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 20.	2.5	59
22	Simultaneous acquisition of corrugator electromyography and functional magnetic resonance imaging: A new method for objectively measuring affect and neural activity concurrently. <i>NeuroImage</i> , 2011, 58, 930-934.	4.2	46
23	Changes in cortico-subcortical and subcortico-subcortical connectivity impact cognitive control to emotional cues across development. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, nsw097.	3.0	40
24	Dissociable correlates of two classes of retrieval processing in prefrontal cortex. <i>NeuroImage</i> , 2007, 35, 1663-1673.	4.2	38
25	Resting-State Brain Signal Variability in Prefrontal Cortex Is Associated With ADHD Symptom Severity in Children. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 90.	2.0	38
26	Temporal dynamics of real-world emotion are more strongly linked to prediction error than outcome. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 1755-1766.	2.1	37
27	The Impact of Emotional States on Cognitive Control Circuitry and Function. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 446-459.	2.3	28
28	Context matters for affective chronometry. <i>Nature Human Behaviour</i> , 2020, 4, 688-689.	12.0	25
29	Social well-being is associated with less pro-inflammatory and pro-metastatic leukocyte gene expression in women after surgery for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 169-180.	2.5	23
30	Linking Amygdala Persistence to Real-World Emotional Experience and Psychological Well-Being. <i>Journal of Neuroscience</i> , 2021, 41, 3721-3730.	3.6	21
31	Parsing affective dynamics to identify risk for mood and anxiety disorders. <i>Emotion</i> , 2019, 19, 283-291.	1.8	21
32	Model-based learning and individual differences in depression: The moderating role of stress. <i>Behaviour Research and Therapy</i> , 2018, 111, 19-26.	3.1	19
33	Is Hippocampal Replay a Mechanism for Anxiety and Depression?. <i>JAMA Psychiatry</i> , 2020, 77, 431.	11.0	18
34	Identification of careless responding in ecological momentary assessment research: From posthoc analyses to real-time data monitoring. <i>Psychological Methods</i> , 2021, , .	3.5	11
35	The distribution of daily affect distinguishes internalizing and externalizing spectra and subfactors. <i>Journal of Abnormal Psychology</i> , 2021, 130, 319-332.	1.9	9
36	The Relationship Between Affect Intolerance, Maladaptive Emotion Regulation, and Psychological Symptoms. <i>International Journal of Cognitive Therapy</i> , 2020, 13, 67-82.	2.2	8

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37	Impact of age at onset on the phenomenology of depression in treatment-seeking adults in the STAR*D trial. <i>Journal of Affective Disorders</i> , 2020, 262, 381-388.	4.1	7
38	From Conditioning to Emotion: Translating Animal Models of Learning to Human Psychopathology. <i>Neuroscientist</i> , 2020, 26, 43-56.	3.5	5
39	Negative affect and stress-related brain metabolism in patients with metastatic breast cancer. <i>Cancer</i> , 2020, 126, 3122-3131.	4.1	5
40	Repetitive negative thinking following exposure to a natural stressor prospectively predicts altered stress responding and decision-making in the laboratory. <i>Behaviour Research and Therapy</i> , 2020, 129, 103609.	3.1	5
41	Brain Imaging Alterations in Posttraumatic Stress Disorder. <i>Psychiatric Annals</i> , 2016, 46, 519-526.	0.1	4
42	The Neuroscience of Affective Dynamics. , 2021, , 33-60.		3
43	Temporal dynamics of affect in the brain: Evidence from human imaging and animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104491.	6.1	3
44	Neural predictors of depression symptom course. <i>Current Opinion in Psychology</i> , 2015, 4, 104-109.	4.9	2
45	Editorial: Positive Neuroscience: the Neuroscience of Human Flourishing. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 47.	2.0	2
46	The severity and role of somatic depressive symptoms in psychological networks in a longitudinal sample of peripartum women. <i>Journal of Psychiatric Research</i> , 2021, 142, 283-289.	3.1	2
47	Rethinking strategies for when to acquire neural markers associated with treatment response. <i>Molecular Psychiatry</i> , 2016, 21, 1655-1656.	7.9	1
48	Identifying real-world affective correlates of cognitive risk factors for internalizing disorders.. <i>Emotion</i> , 2023, 23, 678-687.	1.8	1