

Nathaniel G Harnett

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

829
citations

471509

17
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	PTSD-related neuroimaging abnormalities in brain function, structure, and biochemistry. <i>Experimental Neurology</i> , 2020, 330, 113331.	4.1	74
2	Prefrontal Cortex Activity Is Associated with Biobehavioral Components of the Stress Response. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 583.	2.0	62
3	Amygdala and prefrontal cortex activity varies with individual differences in the emotional response to psychosocial stress.. <i>Behavioral Neuroscience</i> , 2019, 133, 203-211.	1.2	61
4	Negative life experiences contribute to racial differences in the neural response to threat. <i>NeuroImage</i> , 2019, 202, 116086.	4.2	55
5	The hippocampal response to psychosocial stress varies with salivary uric acid level. <i>Neuroscience</i> , 2016, 339, 396-401.	2.3	50
6	Association of Racial Discrimination With Neural Response to Threat in Black Women in the US Exposed to Trauma. <i>JAMA Psychiatry</i> , 2021, 78, 1005.	11.0	49
7	Brain-Based Biotypes of Psychiatric Vulnerability in the Acute Aftermath of Trauma. <i>American Journal of Psychiatry</i> , 2021, 178, 1037-1049.	7.2	36
8	Prognostic neuroimaging biomarkers of trauma-related psychopathology: resting-state fMRI shortly after trauma predicts future PTSD and depression symptoms in the AURORA study. <i>Neuropsychopharmacology</i> , 2021, 46, 1263-1271.	5.4	32
9	Anticipatory stress associated with functional magnetic resonance imaging: Implications for psychosocial stress research. <i>International Journal of Psychophysiology</i> , 2018, 125, 35-41.	1.0	31
10	Neurobiological consequences of racial disparities and environmental risks: a critical gap in understanding psychiatric disorders. <i>Neuropsychopharmacology</i> , 2020, 45, 1247-1250.	5.4	28
11	Persistent Dissociation and Its Neural Correlates in Predicting Outcomes After Trauma Exposure. <i>American Journal of Psychiatry</i> , 2022, 179, 661-672.	7.2	28
12	Pavlovian conditioned diminution of the neurobehavioral response to threat. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 218-224.	6.1	26
13	Affective state and locus of control modulate the neural response to threat. <i>NeuroImage</i> , 2015, 121, 217-226.	4.2	24
14	Racial Discrimination and White Matter Microstructure in Trauma-Exposed Black Women. <i>Biological Psychiatry</i> , 2022, 91, 254-261.	1.3	24
15	Psychosocial stress reactivity is associated with decreased whole-brain network efficiency and increased amygdala centrality.. <i>Behavioral Neuroscience</i> , 2018, 132, 561-572.	1.2	24
16	Glutamate/glutamine concentrations in the dorsal anterior cingulate vary with Post-Traumatic Stress Disorder symptoms. <i>Journal of Psychiatric Research</i> , 2017, 91, 169-176.	3.1	20
17	Anticipatory prefrontal cortex activity underlies stress-induced changes in Pavlovian fear conditioning. <i>NeuroImage</i> , 2018, 174, 237-247.	4.2	20
18	Multimodal structural neuroimaging markers of risk and recovery from posttrauma anhedonia: A prospective investigation. <i>Depression and Anxiety</i> , 2021, 38, 79-88.	4.1	19

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19	Structural Racism as a Proximal Cause for Race-Related Differences in Psychiatric Disorders. <i>American Journal of Psychiatry</i> , 2021, 178, 579-581.	7.2	19
20	Trauma exposure acutely alters neural function during Pavlovian fear conditioning. <i>Cortex</i> , 2018, 109, 1-13.	2.4	18
21	White matter microstructure varies with post-traumatic stress severity following medical trauma. <i>Brain Imaging and Behavior</i> , 2020, 14, 1012-1024.	2.1	18
22	Nervous and Endocrine System Dysfunction in Posttraumatic Stress Disorder: An Overview and Consideration of Sex as a Biological Variable. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 381-391.	1.5	16
23	White Matter Microstructure in the Young Adult Brain Varies with Neighborhood Disadvantage in Adolescence. <i>Neuroscience</i> , 2021, 466, 162-172.	2.3	15
24	Socio-demographic and trauma-related predictors of PTSD within 8 weeks of a motor vehicle collision in the AURORA study. <i>Molecular Psychiatry</i> , 2021, 26, 3108-3121.	7.9	14
25	Neural mechanisms of human temporal fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 97-104.	1.9	13
26	Thalamic volume and fear extinction interact to predict acute posttraumatic stress severity. <i>Journal of Psychiatric Research</i> , 2021, 141, 325-332.	3.1	12
27	Contributions of PTSD polygenic risk and environmental stress to suicidality in preadolescents. <i>Neurobiology of Stress</i> , 2021, 15, 100411.	4.0	11
28	Acute Posttraumatic Symptoms Are Associated With Multimodal Neuroimaging Structural Covariance Patterns: A Possible Role for the Neural Substrates of Visual Processing in Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 7, 129-129.	1.5	9
29	Stress-elicited neural activity in young adults varies with childhood sexual abuse. <i>Cortex</i> , 2021, 137, 108-123.	2.4	6
30	It's not about racism, not race: a call to purge oppressive practices from neuropsychiatry and scientific discovery. <i>Neuropsychopharmacology</i> , 2022, 47, 2179-2180.	5.4	6
31	Hippocampal volume varies with acute posttraumatic stress symptoms following medical trauma. <i>Behavioral Neuroscience</i> , 2021, 135, 71-78.	1.2	5
32	Leveraging resting-state neurophenotypes to identify susceptibility to and heterogeneity of posttraumatic stress disorder. <i>Neuropsychopharmacology</i> , 2022, 47, 403-404.	5.4	4
33	Multimodal Functional and Structural Neuroimaging Captures Variability in Posttraumatic Outcomes. <i>Biological Psychiatry</i> , 2020, 87, S76-S77.	1.3	0
34	Disparities in Adversity During Childhood Contribute to Racial Differences in Brain Structure. <i>Biological Psychiatry</i> , 2020, 87, S275.	1.3	0
35	Decreased Gray-To-White Matter Contrast Within the Ventromedial Prefrontal Cortex of Individuals With Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2021, 89, S231-S232.	1.3	0
36	P653. Understanding the Co-Emergence of PTSD and Alcohol Use: Exploring Time Since Trauma and the Role of the vmPFC. <i>Biological Psychiatry</i> , 2022, 91, S354.	1.3	0

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37	Racial Discrimination is Linked to Variation in Brain Structure and Function in Trauma-Exposed Black Women. <i>Biological Psychiatry</i> , 2022, 91, S45.	1.3	0
38	P652. Impact of Prior Sexual Trauma Exposure on Posttraumatic Dysfunction and Neural Circuitry Following a Recent Traumatic Event. <i>Biological Psychiatry</i> , 2022, 91, S353-S354.	1.3	0
39	Response Inhibition Deficit as a Transdiagnostic Risk Factor for Posttraumatic Neuropsychiatric Sequelae. <i>Biological Psychiatry</i> , 2022, 91, S48-S49.	1.3	0
40	Mental Health Science: A multidisciplinary journal. , 2023, 1, 4-5.		0