

Nicholas L Balderston

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,523
citations

304743

22
h-index

361022

35
g-index

58
all docs

58
docs citations

58
times ranked

2586
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Continuous Theta-Burst Stimulation to the Right Dorsolateral Prefrontal Cortex May Increase Potentiated Startle in Healthy Individuals. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 470-479. | 2.2 | 5 |
| 2 | <scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277. | 3.6 | 51 |
| 3 | Proof of concept study to develop a novel connectivity-based electric-field modelling approach for individualized targeting of transcranial magnetic stimulation treatment. <i>Neuropsychopharmacology</i> , 2022, 47, 588-598. | 5.4 | 13 |
| 4 | Cortical-subcortical structural connections support transcranial magnetic stimulation engagement of the amygdala. <i>Science Advances</i> , 2022, 8, . | 10.3 | 31 |
| 5 | Responding to uncertain threat: A potential mediator for the effect of mindfulness on anxiety. <i>Journal of Anxiety Disorders</i> , 2021, 77, 102332. | 3.2 | 20 |
| 6 | Fear conditioning and extinction in alcohol dependence: Evidence for abnormal amygdala reactivity. <i>Addiction Biology</i> , 2021, 26, e12835. | 2.6 | 10 |
| 7 | Combining transcranial magnetic stimulation with functional magnetic resonance imaging for probing and modulating neural circuits relevant to affective disorders. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2021, 12, e1553. | 2.8 | 22 |
| 8 | Effects of Methylphenidate on the Neural Interplay Between Induced Anxiety and Working Memory. <i>Biological Psychiatry</i> , 2021, 89, S88-S89. | 1.3 | 0 |
| 9 | Effect of Repetitive Transcranial Magnetic Stimulation on Anxiety. <i>Biological Psychiatry</i> , 2021, 89, S289. | 1.3 | 0 |
| 10 | The novel vasopressin receptor (V1aR) antagonist SRX246 reduces anxiety in an experimental model in humans: a randomized proof-of-concept study. <i>Psychopharmacology</i> , 2021, 238, 2393-2403. | 3.1 | 18 |
| 11 | Neurophysiological and clinical effects of the NMDA receptor antagonist lanicemine (BHV500) in PTSD: A randomized, double-blind, placebo-controlled trial. <i>Depression and Anxiety</i> , 2021, 38, 1108-1119. | 4.1 | 6 |
| 12 | Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021, 11, 502. | 4.8 | 24 |
| 13 | Methylphenidate modulates interactions of anxiety with cognition. <i>Translational Psychiatry</i> , 2021, 11, 544. | 4.8 | 4 |
| 14 | Location-dependent threat and associated neural abnormalities in clinical anxiety. <i>Communications Biology</i> , 2021, 4, 1263. | 4.4 | 1 |
| 15 | Device-Based Modulation of Neurocircuits as a Therapeutic for Psychiatric Disorders. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 591-614. | 9.4 | 29 |
| 16 | Mechanistic link between right prefrontal cortical activity and anxious arousal revealed using transcranial magnetic stimulation in healthy subjects. <i>Neuropsychopharmacology</i> , 2020, 45, 694-702. | 5.4 | 28 |
| 17 | A generalized workflow for conducting electric field-optimized, fMRI-guided, transcranial magnetic stimulation. <i>Nature Protocols</i> , 2020, 15, 3595-3614. | 12.0 | 36 |
| 18 | Dimensional connectomics of anxious misery, a human connectome study related to human disease: Overview of protocol and data quality. <i>NeuroImage: Clinical</i> , 2020, 28, 102489. | 2.7 | 8 |

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|----|--|-----|-----------|
| 19 | Patients with anxiety disorders rely on bilateral dlPFC activation during verbal working memory. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 1288-1298. | 3.0 | 20 |
| 20 | Better cognitive efficiency is associated with increased experimental anxiety. <i>Psychophysiology</i> , 2020, 57, e13559. | 2.4 | 9 |
| 21 | Low-frequency parietal repetitive transcranial magnetic stimulation reduces fear and anxiety. <i>Translational Psychiatry</i> , 2020, 10, 68. | 4.8 | 26 |
| 22 | Intrinsic connections between thalamic sub-regions and the lateral prefrontal cortex are differentially impacted by acute methylphenidate. <i>Psychopharmacology</i> , 2020, 237, 1873-1883. | 3.1 | 4 |
| 23 | Exercise modulates the interaction between cognition and anxiety in humans. <i>Cognition and Emotion</i> , 2019, 33, 863-870. | 2.0 | 11 |
| 24 | F211. Functional Neuronal Alterations During Fear Conditioning and Extinction Recall in Alcohol-Dependent and Healthy Individuals With and Without Early Life Stress. <i>Biological Psychiatry</i> , 2019, 85, S295. | 1.3 | 1 |
| 25 | A Proof-of-Mechanism Study to Test Effects of the NMDA Receptor Antagonist Lanicemine on Behavioral Sensitization in Individuals With Symptoms of PTSD. <i>Frontiers in Psychiatry</i> , 2019, 10, 846. | 2.6 | 13 |
| 26 | T15. Repetitive Transcranial Magnetic Stimulation Reveals a Causal Link Between Right dlPFC Activity and Anxiety Expression. <i>Biological Psychiatry</i> , 2019, 85, S135. | 1.3 | 0 |
| 27 | Statistical power comparisons at 3T and 7T with a GO / NOGO task. <i>NeuroImage</i> , 2018, 175, 100-110. | 4.2 | 24 |
| 28 | Extended amygdala connectivity changes during sustained shock anticipation. <i>Translational Psychiatry</i> , 2018, 8, 33. | 4.8 | 39 |
| 29 | S11. Neural Mechanisms of Contextual Threat Learning in Clinical Anxiety: Discrimination and Regulation. <i>Biological Psychiatry</i> , 2018, 83, S350-S351. | 1.3 | 0 |
| 30 | Effect of anxiety on behavioural pattern separation in humans. <i>Cognition and Emotion</i> , 2017, 31, 238-248. | 2.0 | 35 |
| 31 | Anxiety Patients Show Reduced Working Memory Related dlPFC Activation During Safety and Threat. <i>Depression and Anxiety</i> , 2017, 34, 25-36. | 4.1 | 71 |
| 32 | The effects of stimulus novelty and negativity on BOLD activity in the amygdala, hippocampus, and bed nucleus of the stria terminalis. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 748-757. | 3.0 | 23 |
| 33 | Effect of Threat on Right dlPFC Activity during Behavioral Pattern Separation. <i>Journal of Neuroscience</i> , 2017, 37, 9160-9171. | 3.6 | 27 |
| 34 | Reducing State Anxiety Using Working Memory Maintenance. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 4 |
| 35 | Resting state connectivity of the human habenula at ultra-high field. <i>NeuroImage</i> , 2017, 147, 872-879. | 4.2 | 58 |
| 36 | The relationship between dlPFC activity during unpredictable threat and CO2-induced panic symptoms. <i>Translational Psychiatry</i> , 2017, 7, 1266. | 4.8 | 25 |

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|----|---|------|-----------|
| 37 | Threat of shock increases excitability and connectivity of the intraparietal sulcus. <i>ELife</i> , 2017, 6, . | 6.0 | 32 |
| 38 | Psychopaths Show Enhanced Amygdala Activation during Fear Conditioning. <i>Frontiers in Psychology</i> , 2016, 7, 348. | 2.1 | 24 |
| 39 | The neural basis of improved cognitive performance by threat of shock. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1677-1686. | 3.0 | 29 |
| 40 | Working memory maintenance is sufficient to reduce state anxiety. <i>Psychophysiology</i> , 2016, 53, 1660-1668. | 2.4 | 27 |
| 41 | Resting state connectivity of the bed nucleus of the stria terminalis at ultra-high field. <i>Human Brain Mapping</i> , 2015, 36, 4076-4088. | 3.6 | 84 |
| 42 | Functionally distinct amygdala subregions identified using DTI and high-resolution fMRI. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1615-1622. | 3.0 | 30 |
| 43 | fMRI Functional Connectivity Applied to Adolescent Neurodevelopment. <i>Annual Review of Clinical Psychology</i> , 2015, 11, 361-377. | 12.3 | 91 |
| 44 | Introduction to Functional Brain Connectivity: Potential Contributions to Understanding Adolescent Vulnerability to Substance Abuse. , 2015, , 181-199. | | 0 |
| 45 | Rapid Amygdala Responses during Trace Fear Conditioning without Awareness. <i>PLoS ONE</i> , 2014, 9, e96803. | 2.5 | 26 |
| 46 | Prefrontal cortical regulation of fear learning. <i>Trends in Neurosciences</i> , 2014, 37, 455-464. | 8.6 | 145 |
| 47 | The interplay of attention and emotion: top-down attention modulates amygdala activation in psychopathy. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 757-770. | 2.0 | 100 |
| 48 | Dissociation between implicit and explicit responses in postconditioning UCS revaluation after fear conditioning in humans.. <i>Behavioral Neuroscience</i> , 2013, 127, 357-368. | 1.2 | 24 |
| 49 | How to Detect Amygdala Activity with Magnetoencephalography using Source Imaging. <i>Journal of Visualized Experiments</i> , 2013, , . | 0.3 | 19 |
| 50 | The Effect of Threat on Novelty Evoked Amygdala Responses. <i>PLoS ONE</i> , 2013, 8, e63220. | 2.5 | 23 |
| 51 | Resting-state connectivity of the amygdala is altered following Pavlovian fear conditioning. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 242. | 2.0 | 52 |
| 52 | The human amygdala plays a stimulus specific role in the detection of novelty. <i>NeuroImage</i> , 2011, 55, 1889-1898. | 4.2 | 91 |
| 53 | Conditioning with masked stimuli affects the timecourse of skin conductance responses.. <i>Behavioral Neuroscience</i> , 2010, 124, 478-489. | 1.2 | 28 |
| 54 | Introduction to Functional Brain Connectivity. , 0, , . | | 0 |