

Michael T Treadway

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

9,069
citations

117625

34
h-index

118850

62
g-index

66
all docs

66
docs citations

66
times ranked

9131
citing authors

#	ARTICLE	IF	CITATIONS
1	Meditation experience is associated with increased cortical thickness. <i>NeuroReport</i> , 2005, 16, 1893-1897.	1.2	1,258
2	Reconsidering anhedonia in depression: Lessons from translational neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 537-555.	6.1	1,139
3	Reward processing dysfunction in major depression, bipolar disorder and schizophrenia. <i>Current Opinion in Psychiatry</i> , 2015, 28, 7-12.	6.3	567
4	Worth the "EEfRT"? The Effort Expenditure for Rewards Task as an Objective Measure of Motivation and Anhedonia. <i>PLoS ONE</i> , 2009, 4, e6598.	2.5	523
5	Effort-based decision-making in major depressive disorder: A translational model of motivational anhedonia.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 553-558.	1.9	517
6	Dopaminergic Network Differences in Human Impulsivity. <i>Science</i> , 2010, 329, 532-532.	12.6	506
7	Mesolimbic dopamine reward system hypersensitivity in individuals with psychopathic traits. <i>Nature Neuroscience</i> , 2010, 13, 419-421.	14.8	401
8	Dopaminergic Mechanisms of Individual Differences in Human Effort-Based Decision-Making. <i>Journal of Neuroscience</i> , 2012, 32, 6170-6176.	3.6	319
9	The Impact of Stress and Major Depressive Disorder on Hippocampal and Medial Prefrontal Cortex Morphology. <i>Biological Psychiatry</i> , 2019, 85, 443-453.	1.3	298
10	Inflammation Effects on Motivation and Motor Activity: Role of Dopamine. <i>Neuropsychopharmacology</i> , 2017, 42, 216-241.	5.4	272
11	Illness Progression, Recent Stress, and Morphometry of Hippocampal Subfields and Medial Prefrontal Cortex in Major Depression. <i>Biological Psychiatry</i> , 2015, 77, 285-294.	1.3	267
12	Effort, anhedonia, and function in schizophrenia: Reduced effort allocation predicts amotivation and functional impairment.. <i>Journal of Abnormal Psychology</i> , 2014, 123, 387-397.	1.9	251
13	Amping Up Effort: Effects of <i>d</i> -Amphetamine on Human Effort-Based Decision-Making. <i>Journal of Neuroscience</i> , 2011, 31, 16597-16602.	3.6	219
14	Clashing Diagnostic Approaches: DSM-ICD Versus RDoC. <i>Annual Review of Clinical Psychology</i> , 2016, 12, 435-463.	12.3	189
15	Parsing Anhedonia. <i>Current Directions in Psychological Science</i> , 2013, 22, 244-249.	5.3	163
16	Impaired effort allocation in patients with schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 382-385.	2.0	141
17	Effort-Based Decision-Making Paradigms for Clinical Trials in Schizophrenia: Part 1 "Psychometric Characteristics of 5 Paradigms. <i>Schizophrenia Bulletin</i> , 2015, 41, 1045-1054.	4.3	137
18	Reward Processing, Neuroeconomics, and Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2017, 13, 471-495.	12.3	109

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19	Early Adverse Events, HPA Activity and Rostral Anterior Cingulate Volume in MDD. <i>PLoS ONE</i> , 2009, 4, e4887.	2.5	108
20	Anhedonia in depression: biological mechanisms and computational models. <i>Current Opinion in Behavioral Sciences</i> , 2018, 22, 128-135.	3.9	107
21	Inflammatory markers are associated with decreased psychomotor speed in patients with major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 281-288.	4.1	102
22	Inefficient effort allocation and negative symptoms in individuals with schizophrenia. <i>Schizophrenia Research</i> , 2016, 170, 278-284.	2.0	99
23	Lipopolysaccharide Alters Motivated Behavior in a Monetary Reward Task: a Randomized Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 801-810.	5.4	96
24	Canâ€™t or Wonâ€™t? Immunometabolic Constraints on Dopaminergic Drive. <i>Trends in Cognitive Sciences</i> , 2019, 23, 435-448.	7.8	88
25	From Blame to Punishment: Disrupting Prefrontal Cortex Activity Reveals Norm Enforcement Mechanisms. <i>Neuron</i> , 2015, 87, 1369-1380.	8.1	82
26	Corticolimbic gating of emotion-driven punishment. <i>Nature Neuroscience</i> , 2014, 17, 1270-1275.	14.8	80
27	Adults with autism spectrum disorders exhibit decreased sensitivity to reward parameters when making effort-based decisions. <i>Journal of Neurodevelopmental Disorders</i> , 2012, 4, 13.	3.1	73
28	Corticoinsular circuits encode subjective value expectation and violation for effortful goal-directed behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5233-E5242.	7.1	64
29	Imaging the pathophysiology of major depressive disorder - from localist models to circuit-based analysis. <i>Biology of Mood & Anxiety Disorders</i> , 2014, 4, 5.	4.7	59
30	Association Between Interleukin-6 and Striatal Prediction-Error Signals Following Acute Stress in Healthy Female Participants. <i>Biological Psychiatry</i> , 2017, 82, 570-577.	1.3	58
31	Perceived stress predicts altered reward and loss feedback processing in medial prefrontal cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 180.	2.0	54
32	Common and Dissociable Neural Activity After Mindfulness-Based Stress Reduction and Relaxation Response Programs. <i>Psychosomatic Medicine</i> , 2018, 80, 439-451.	2.0	50
33	Trait Anticipatory Pleasure Predicts Effort Expenditure for Reward. <i>PLoS ONE</i> , 2015, 10, e0131357.	2.5	43
34	Gene signatures in peripheral blood immune cells related to insulin resistance and low tyrosine metabolism define a sub-type of depression with high CRP and anhedonia. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 161-165.	4.1	42
35	Effortful goal-directed behavior in schizophrenia: Computational subtypes and associations with cognition.. <i>Journal of Abnormal Psychology</i> , 2019, 128, 710-722.	1.9	39
36	Perceived life stress exposure modulates reward-related medial prefrontal cortex responses to acute stress in depression. <i>Journal of Affective Disorders</i> , 2015, 180, 104-111.	4.1	38

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37	Frontostriatal and Dopamine Markers of Individual Differences in Reinforcement Learning: A Multi-modal Investigation. <i>Cerebral Cortex</i> , 2018, 28, 4281-4290.	2.9	38
38	Dose-response effects of d-amphetamine on effort-based decision-making and reinforcement learning. <i>Neuropsychopharmacology</i> , 2021, 46, 1078-1085.	5.4	36
39	Aiding and Abetting Anhedonia: Impact of Inflammation on the Brain and Pharmacological Implications. <i>Pharmacological Reviews</i> , 2021, 73, 1084-1117.	16.0	36
40	Caffeine increases psychomotor performance on the effort expenditure for rewards task. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 526-531.	2.9	32
41	Effort-based decision-making impairment in patients with clinically-stabilized first-episode psychosis and its relationship with amotivation and psychosocial functioning. <i>European Neuropsychopharmacology</i> , 2019, 29, 629-642.	0.7	31
42	Vicarious Effort-Based Decision-Making in Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 2992-3006.	2.7	26
43	Examining the Role of Repetitive Negative Thinking in Relations Between Positive and Negative Aspects of Self-compassion and Symptom Improvement During Intensive Treatment. <i>Cognitive Therapy and Research</i> , 2018, 42, 236-249.	1.9	26
44	Working hard for oneself or others: Effects of oxytocin on reward motivation in social anxiety disorder. <i>Biological Psychology</i> , 2017, 127, 157-162.	2.2	23
45	Distinct Trajectories of Cortisol Response to Prolonged Acute Stress Are Linked to Affective Responses and Hippocampal Gray Matter Volume in Healthy Females. <i>Journal of Neuroscience</i> , 2017, 37, 7994-8002.	3.6	23
46	Distinct regions of the striatum underlying effort, movement initiation and effort discounting. <i>Nature Human Behaviour</i> , 2021, 5, 378-388.	12.0	23
47	Motivation and effort in individuals with social anhedonia. <i>Schizophrenia Research</i> , 2015, 165, 70-75.	2.0	22
48	Social motivation in schizophrenia: The impact of oxytocin on vigor in the context of social and nonsocial reinforcement.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 116-128.	1.9	20
49	Inflammation as a Pathophysiologic Pathway to Anhedonia: Mechanisms and Therapeutic Implications. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 397-419.	1.7	20
50	The effort-doors task: Examining the temporal dynamics of effort-based reward processing using ERPs. <i>NeuroImage</i> , 2021, 228, 117656.	4.2	19
51	On the Use and Misuse of Genomic and Neuroimaging Science in Forensic Psychiatry: Current Roles and Future Directions. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2011, 20, 533-546.	1.9	18
52	Reduced Willingness to Expend Effort for Reward in Obesity: Link to Adherence to a 3â€ Month Weight Loss Intervention. <i>Obesity</i> , 2017, 25, 1676-1681.	3.0	17
53	Reduced adaptation of glutamatergic stress response is associated with pessimistic expectations in depression. <i>Nature Communications</i> , 2021, 12, 3166.	12.8	16
54	Vigor, Effort-Related Aspects of Motivation and Anhedonia. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 325-353.	1.7	16

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55	Depression genetic risk score is associated with anhedonia-related markers across units of analysis. <i>Translational Psychiatry</i> , 2019, 9, 236.	4.8	14
56	Inflammation is associated with future depressive symptoms among older adults. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 13, 100226.	2.5	13
57	Mapping Disease Course Across the Mood Disorder Spectrum Through a Research Domain Criteria Framework. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 706-715.	1.5	10
58	Effect of Social Influence on Effort-Allocation for Monetary Rewards. <i>PLoS ONE</i> , 2015, 10, e0126656.	2.5	9
59	Willingness to Expend Effort Toward Reward and Extreme Ambitions in Bipolar I Disorder. <i>Clinical Psychological Science</i> , 2017, 5, 943-951.	4.0	9
60	Effect of failure/success feedback and the moderating influence of personality on reward motivation. <i>Cognition and Emotion</i> , 2016, 30, 458-471.	2.0	7
61	Two scene navigation systems dissociated by deliberate versus automatic processing. <i>Cortex</i> , 2021, 140, 199-209.	2.4	5
62	Acute drug effects differentially predict desire to take dextroamphetamine again for work and recreation. <i>Psychopharmacology</i> , 2021, 238, 2815-2826.	3.1	1
63	2329 Associations between inflammatory markers and negative symptoms in individuals with schizophrenia: Converging evidence. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 4-4.	0.6	0