Jason Shumake

List of Publications by Year
in descending order

61 papers	2,780 citations	218677 26 h-index	189892 50 g-index
61 all docs	61 docs citations	61 times ranked	3294 citing authors

#	Article	IF	Citations
1	Internet-Based Cognitive Behavioral Therapy for Depression. JAMA Psychiatry, 2021, 78, 361.	11.0	398
2	Antidepressant-Like Effects of Medial Prefrontal Cortex Deep Brain Stimulation in Rats. Biological Psychiatry, 2010, 67, 117-124.	1.3	284
3	Opposite metabolic changes in the habenula and ventral tegmental area of a genetic model of helpless behavior. Brain Research, 2003, 963, 274-281.	2.2	197
4	Metabolic Mapping of Mouse Brain Activity after Extinction of a Conditioned Emotional Response. Journal of Neuroscience, 2003, 23, 5740-5749.	3.6	127
5	Brain Systems Underlying Susceptibility to Helplessness and Depression. Behavioral and Cognitive Neuroscience Reviews, 2003, 2, 198-221.	3.9	119
6	Dismantling, optimising, and personalising internet cognitive behavioural therapy for depression: a systematic review and component network meta-analysis using individual participant data. Lancet Psychiatry,the, 2021, 8, 500-511.	7.4	105
7	Effects of maternal separation, early handling, and standard facility rearing on orienting and impulsive behavior of adolescent rats. Behavioural Processes, 2006, 71, 51-58.	1.1	99
8	Behavioral characteristics of rats predisposed to learned helplessness: Reduced reward sensitivity, increased novelty seeking, and persistent fear memories. Behavioural Brain Research, 2005, 164, 222-230.	2.2	98
9	Chronic Administration of 13-Cis-Retinoic Acid Increases Depression-Related Behavior in Mice. Neuropsychopharmacology, 2006, 31, 1919-1927.	5.4	96
10	Differential Neuromodulation of Acquisition and Retrieval of Avoidance Learning by the Lateral Habenula and Ventral Tegmental Area. Journal of Neuroscience, 2010, 30, 5876-5883.	3.6	74
11	Association between negative cognitive bias and depression: A symptom-level approach.. Journal of Abnormal Psychology, 2019, 128, 212-227.	1.9	66
12	Self-referential schemas and attentional bias predict severity and naturalistic course of depression symptoms. Cognition and Emotion, 2017, 31, 632-644.	2.0	62
13	Congenital helpless rats as a genetic model for cortex metabolism in depression. NeuroReport, 2000, 11, 3793-3798.	1.2	57
14	Brain differences in newborn rats predisposed to helpless and depressive behavior. Brain Research, 2004, 1030, 267-276.	2.2	48
15	Effectiveness of an internet intervention (Deprexis) for depression in a United States adult sample: A parallel-group pragmatic randomized controlled trial.. Journal of Consulting and Clinical Psychology, 2017, 85, 367-380.	2.0	47
16	Ensemble machine learning prediction of posttraumatic stress disorder screening status after emergency room hospitalization. Journal of Anxiety Disorders, 2018, 60, 35-42.	3.2	47
17	Predictability and heritability of individual differences in fear learning. Animal Cognition, 2014, 17, 1207-1221.	1.8	44
18	Strain, sex, and open-field behavior: Factors underlying the genetic susceptibility to helplessness. Behavioural Brain Research, 2009, 201, 257-264.	2.2	42

#	Article	IF	Citations
19	A machine learning ensemble to predict treatment outcomes following an Internet intervention for depression. Psychological Medicine, 2019, 49, 2330-2341.	4.5	41
20	The Role of Dopamine in the Context of Aversive Stimuli with Particular Reference to Acoustically Signaled Avoidance Learning. Frontiers in Neuroscience, 2012, 6, 132.	2.8	40
21	Hypermetabolism of paraventricular hypothalamus in the congenitally helpless rat. Neuroscience Letters, 2001, 311, 45-48.	2.1	39
22	Adolescent female rats are more resistant than males to the effects of early stress on prefrontal cortex and impulsive behavior. Developmental Psychobiology, 2009, 51, 277-288.	1.6	39
23	Dissociation of septo-hippocampal metabolism in the congenitally helpless rat. Neuroscience, 2002, 114, 373-377.	2.3	38
24	Methylene blue facilitates the extinction of fear in an animal model of susceptibility to learned helplessness. Neurobiology of Learning and Memory, 2007, 87, 209-217.	1.9	33
25	Network model of fear extinction and renewal functional pathways. Neuroscience, 2007, 145, 423-437.	2.3	30
26	Novelty-evoked activity in open field predicts susceptibility to helpless behavior. Physiology and Behavior, 2010, 101, 746-754.	2.1	30
27	Determining optimal parameters of the self-referent encoding task: A large-scale examination of self-referent cognition and depression.. Psychological Assessment, 2018, 30, 1527-1540.	1.5	28
28	Data-driven criteria to assess fear remission and phenotypic variability of extinction in rats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170035.	4.0	25
29	Improving prediction of real-time loneliness and companionship type using geosocial features of personal smartphone data. Smart Health, 2021, 20, 100180.	3.2	24
30	Metabolic mapping of the effects of the antidepressant fluoxetine on the brains of congenitally helpless rats. Brain Research, 2010, 1343, 218-225.	2.2	22
31	Effects of maternal separation, early handling, and gonadal sex on regional metabolic capacity of the preweanling rat brain. Brain Research, 2011, 1367, 198-206.	2.2	22
32	Positive imagery training increases positive self-referent cognition in depression. Behaviour Research and Therapy, 2018, 111, 72-83.	3.1	22
33	The superior longitudinal fasciculus and its functional triple-network mechanisms in brooding. NeuroImage: Clinical, 2019, 24, 101935.	2.7	22
34	Predicting extinction phenotype to optimize fear reduction. Psychopharmacology, 2019, 236, 99-110.	3.1	22
35	Chronic 13-cis-retinoic acid administration disrupts network interactions between the raphe nuclei and the hippocampal system in young adult mice. European Journal of Pharmacology, 2009, 605, 68-77.	3.5	21
36	Impulsivity, riskâ€taking, and distractibility in rats exhibiting robust conditioned orienting behaviors. Journal of the Experimental Analysis of Behavior, 2014, 102, 162-178.	1.1	21

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37	Mesolimbic effects of the antidepressant fluoxetine in Holtzman rats, a genetic strain with increased vulnerability to stress. Brain Research, 2011, 1387, 71-84.	2.2	20
38	Preventing the return of fear using reconsolidation updating and methylene blue is differentially dependent on extinction learning. Scientific Reports, 2017, 7, 46071.	3.3	19
39	Electrical Stimulation of Lateral Habenula during Learning: Frequency-Dependent Effects on Acquisition but Not Retrieval of a Two-Way Active Avoidance Response. PLoS ONE, 2013, 8, e65684.	2.5	18
40	Not just â€œbigâ€•data: Importance of sample size, measurement error, and uninformative predictors for developing prognostic models for digital interventions. Behaviour Research and Therapy, 2022, 153, 104086.	3.1	18
41	Contribution of Emotional and Motivational Neurocircuitry to Cue-Signaled Active Avoidance Learning. Frontiers in Behavioral Neuroscience, 2014, 8, 372.	2.0	16
42	Temperamental factors in remitted depression: The role of effortful control and attentional mechanisms. Journal of Affective Disorders, 2018, 235, 499-505.	4.1	16
43	Effects of ventral tegmental area stimulation on the acquisition and long-term retention of active avoidance learning. Behavioural Brain Research, 2011, 225, 515-521.	2.2	15
44	Behavioral effects of bovine lactoferrin administration during postnatal development of rats. BioMetals, 2014, 27, 1039-1055.	4.1	14
45	Assessing Fear Following Retrieval + Extinction Through Suppression of Baseline Reward Seeking vs. Freezing. Frontiers in Behavioral Neuroscience, 2015, 9, 355.	2.0	14
46	Neurocognitive predictors of selfâ€reported reward responsivity and approach motivation in depression: A dataâ€driven approach. Depression and Anxiety, 2020, 37, 682-697.	4.1	13
47	Functional opposition between habenula metabolism and the brain reward system. Frontiers in Human Neuroscience, 2013, 7, 662.	2.0	11
48	Multifactorial prediction of depression diagnosis and symptom dimensions. Psychiatry Research, 2021, 298, 113805.	3.3	11
49	Symptom centrality and infrequency of endorsement identify adolescent depression symptoms more strongly associated with life satisfaction. Journal of Affective Disorders, 2021, 289, 90-97.	4.1	11
50	Omega-3 fatty acids improve behavioral coping to stress in multiparous rats. Behavioural Brain Research, 2015, 279, 129-138.	2.2	9
51	Efficacy of attention bias modification training for depressed adults: a randomized clinical trial. Psychological Medicine, 2022, 52, 3865-3873.	4.5	9
52	The effects of respiratory sinus arrhythmia on anger reactivity and persistence in major depression. Psychophysiology, 2016, 53, 1587-1599.	2.4	8
53	Change in negative attention bias mediates the association between attention bias modification training and depression symptom improvement.. Journal of Consulting and Clinical Psychology, 2021, 89, 816-829.	2.0	7
54	Acetaminophen enhances the reflective learning process. Social Cognitive and Affective Neuroscience, 2018, 13, 1029-1035.	3.0	6

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55	Inclusion of genetic variants in an ensemble of gradient boosting decision trees does not improve the prediction of citalopram treatment response. Scientific Reports, 2021, 11, 3780.	3.3	5
56	Reply to: Electrical Brain Stimulation in Depression: Which Target(s)?. Biological Psychiatry, 2011, 69, e7-e8.	1.3	4
57	Attentional bias modification treatment for depression: Study protocol for a randomized controlled trial. Contemporary Clinical Trials, 2018, 75, 59-66.	1.8	4
58	Maternal omega-3 fatty acid intake during neurodevelopment does not affect pup behavior related to depression, novelty, or learning. BMC Research Notes, 2018, 11, 812.	1.4	2
59	Therapist Guided Activity Practice for Depressive Symptoms in University Students: A Randomized Controlled Trial. Cognitive Therapy and Research, 2020, 44, 499-510.	1.9	1
60	Response: Commentary: Acetaminophen Enhances the Reflective Learning Process. Frontiers in Psychology, 2020, 11, 2099.	2.1	0
61	An examination of the clinical utility of phonemic fluency in healthy adults and adults with mild cognitive impairment. Applied Neuropsychology Adult, 2022, , 1-9.	1.2	0