

Jason R Tregellas

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,214
citations

109321

35
h-index

118850

62
g-index

95
all docs

95
docs citations

95
times ranked

6441
citing authors

#	ARTICLE	IF	CITATIONS
1	An implicit priming intervention alters brain and behavioral responses to high-calorie foods: a randomized controlled study. <i>American Journal of Clinical Nutrition</i> , 2022, , .	4.7	2
2	Altered between-network connectivity in individuals prone to obesity. <i>Physiology and Behavior</i> , 2021, 229, 113242.	2.1	7
3	Stable Meta-Networks, Noise, and Artifacts in the Human Connectome: Low- to High-Dimensional Independent Components Analysis as a Hierarchy of Intrinsic Connectivity Networks. <i>Frontiers in Neuroscience</i> , 2021, 15, 625737.	2.8	2
4	Hemodynamic responses are abnormal in isolated cervical dystonia. <i>Journal of Neuroscience Research</i> , 2020, 98, 692-703.	2.9	2
5	Effects of Exercise during Weight Loss Maintenance on Appetite Regulation in Women. <i>Translational Journal of the American College of Sports Medicine</i> , 2020, 5, .	0.6	2
6	<i>In Utero</i> Exposure to Maternal Overweight or Obesity is Associated with Altered Offspring Brain Function in Middle Childhood. <i>Obesity</i> , 2020, 28, 1718-1725.	3.0	3
7	Rapid Early Brain Development Highlights a Critical Period and Possible Intervention Window. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 937-938.	1.5	0
8	Autism Spectrum Disorder Symptoms are Associated with Connectivity Between Large-Scale Neural Networks and Brain Regions Involved in Social Processing. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 2765-2778.	2.7	4
9	Spike-associated networks and intracranial electrographic findings. <i>Epileptic Disorders</i> , 2020, 22, 291-299.	1.3	3
10	The epileptic network and cognition: What functional connectivity is teaching us about the childhood epilepsies. <i>Epilepsia</i> , 2019, 60, 1491-1507.	5.1	18
11	Association of Working Memory With Distributed Executive Control Networks in Schizophrenia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 368-377.	1.8	4
12	The insula in nicotine use disorder: Functional neuroimaging and implications for neuromodulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 414-424.	6.1	17
13	Childhood Metabolic Biomarkers Are Associated with Performance on Cognitive Tasks in Young Children. <i>Journal of Pediatrics</i> , 2019, 211, 92-97.	1.8	10
14	Kernel machine tests of association between brain networks and phenotypes. <i>PLoS ONE</i> , 2019, 14, e0199340.	2.5	5
15	Comparison of surgical versus diet-induced weight loss on appetite regulation and metabolic health outcomes. <i>Physiological Reports</i> , 2019, 7, e14048.	1.7	15
16	Alpha7 Nicotinic Receptors as Therapeutic Targets in Schizophrenia. <i>Nicotine and Tobacco Research</i> , 2019, 21, 349-356.	2.6	59
17	MON-099 Age-Related Differences in Appetite Regulation among Adults with Obesity: More Than Just Hunger and PYY and Ghrelin? Oh My!. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
18	Greater Reward-Related Neuronal Response to Hedonic Foods in Women Compared with Men. <i>Obesity</i> , 2018, 26, 362-367.	3.0	18

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19	Predicting academic career outcomes by predoctoral publication record. PeerJ, 2018, 6, e5707.	2.0	11
20	Nicotinic modulation of salience network connectivity and centrality in schizophrenia. Journal of Psychiatric Research, 2017, 89, 85-96.	3.1	11
21	Targeting neuronal dysfunction in schizophrenia with nicotine: Evidence from neurophysiology to neuroimaging. Journal of Psychopharmacology, 2017, 31, 801-811.	4.0	17
22	Exposure to maternal diabetes in utero and offspring eating behavior: The EPOCH study. Appetite, 2017, 116, 610-615.	3.7	12
23	Top-Down Network Effective Connectivity in Abstinent Substance Dependent Individuals. PLoS ONE, 2016, 11, e0164818.	2.5	14
24	Nicotine restores functional connectivity of the ventral attention network in schizophrenia. Neuropharmacology, 2016, 108, 144-151.	4.1	9
25	Neuronal effects of nicotine during auditory selective attention in schizophrenia. Human Brain Mapping, 2016, 37, 410-421.	3.6	13
26	Reproducibility assessment of brain responses to visual food stimuli in adults with overweight and obesity. Obesity, 2016, 24, 2057-2063.	3.0	13
27	Levodopa modulates small-world architecture of functional brain networks in Parkinson's disease. Movement Disorders, 2016, 31, 1676-1684.	3.9	81
28	Exercise-related changes in between-network connectivity in overweight/obese adults. Physiology and Behavior, 2016, 158, 60-67.	2.1	19
29	Targeting Functional Biomarkers in Schizophrenia with Neuroimaging. Current Pharmaceutical Design, 2016, 22, 2117-2123.	1.9	10
30	Effects of dietary protein and fiber at breakfast on postprandial appetite, neural responses to visual food stimuli, and ad libitum energy intake at lunch in overweight adults. FASEB Journal, 2016, 30, 418.7.	0.5	0
31	Test-retest reliability and postprandial time course of the neural responses to visual food stimuli. FASEB Journal, 2016, 30, 1161.4.	0.5	0
32	The antiepileptic drug levetiracetam improves auditory gating in DBA/2 mice. NPJ Schizophrenia, 2015, 1, .	3.6	7
33	Propensity to Obesity Impacts the Neuronal Response to Energy Imbalance. Frontiers in Behavioral Neuroscience, 2015, 9, 52.	2.0	15
34	Between-network connectivity occurs in brain regions lacking layer IV input. NeuroImage, 2015, 116, 50-58.	4.2	15
35	Could Vagus Nerve Stimulation Target Hippocampal Hyperactivity to Improve Cognition in Schizophrenia?. Frontiers in Psychiatry, 2015, 6, 43.	2.6	17
36	Neuronal effects of nicotine during auditory selective attention. Psychopharmacology, 2015, 232, 2017-2028.	3.1	19

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37	Harnessing the power of disgust: a randomized trial to reduce high-calorie food appeal through implicit priming. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 249-255.	4.7	16
38	Effects of a ketogenic diet on auditory gating in DBA/2 mice: A proof-of-concept study. <i>Schizophrenia Research</i> , 2015, 169, 351-354.	2.0	10
39	The effects of energy balance, obesity-proneness and sex on the neuronal response to sweet taste. <i>Behavioural Brain Research</i> , 2015, 278, 446-452.	2.2	18
40	Reduced brain resting-state network specificity in infants compared with adults. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1349.	2.2	21
41	Intrinsic Hippocampal Activity as a Biomarker for Cognition and Symptoms in Schizophrenia. <i>American Journal of Psychiatry</i> , 2014, 171, 549-556.	7.2	127
42	The role of alpha-7 nicotinic receptors in food intake behaviors. <i>Frontiers in Psychology</i> , 2014, 5, 553.	2.1	35
43	Reduced salience and default mode network activity in women with anorexia nervosa. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 178-188.	2.4	87
44	Enhancing the Detection of BOLD Signal in fMRI by Reducing the Partial Volume Effect. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-9.	1.3	12
45	Default mode network activity in male adolescents with conduct and substance use disorder. <i>Drug and Alcohol Dependence</i> , 2014, 134, 242-250.	3.2	51
46	Acute administration of δ^9 tetrahydrocannabinol does not prevent enhancement of sensory gating by clozapine in DBA/2 mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 118, 22-29.	2.9	6
47	Functional magnetic resonance imaging of intrinsic brain networks for translational drug discovery. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 397-403.	8.7	57
48	Neuroimaging Biomarkers for Early Drug Development in Schizophrenia. <i>Biological Psychiatry</i> , 2014, 76, 111-119.	1.3	48
49	Phonological processing in first-degree relatives of individuals with autism: An fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 1447-1463.	3.6	25
50	Early sensory processing deficits predict sensitivity to distraction in schizophrenia. <i>Schizophrenia Research</i> , 2013, 147, 196-200.	2.0	52
51	Differences in global and local level information processing in autism: An fMRI investigation. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 115-121.	1.8	12
52	Nicotinic modulation of intrinsic brain networks in schizophrenia. <i>Biochemical Pharmacology</i> , 2013, 86, 1163-1172.	4.4	12
53	Neuronal effects of auditory distraction on visual attention. <i>Brain and Cognition</i> , 2013, 81, 263-270.	1.8	18
54	Resting-state activity in the left executive control network is associated with behavioral approach and is increased in substance dependence. <i>Drug and Alcohol Dependence</i> , 2013, 129, 1-7.	3.2	60

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55	Evidence for gamma and beta sensory gating deficits as translational endophenotypes for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 169-174.	1.8	15
56	Eating-related behaviors and appetite during energy imbalance in obese-prone and obese-resistant individuals. <i>Appetite</i> , 2013, 65, 96-102.	3.7	27
57	Greater neuronal responses during automatic semantic processing in schizophrenia. <i>NeuroReport</i> , 2013, 24, 212-216.	1.2	7
58	Effects of exercise on resting-state default mode and salience network activity in overweight/obese adults. <i>NeuroReport</i> , 2013, 24, 866-871.	1.2	73
59	Neural Effects of Auditory Distraction on Visual Attention in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e60606.	2.5	12
60	Nicotine Increases Cerebellar Activity during Finger Tapping. <i>PLoS ONE</i> , 2013, 8, e84581.	2.5	8
61	Anorexia Nervosa and Obesity are Associated with Opposite Brain Reward Response. <i>Neuropsychopharmacology</i> , 2012, 37, 2031-2046.	5.4	269
62	Brain structure predicts risk for obesity. <i>Appetite</i> , 2012, 59, 859-865.	3.7	51
63	Nicotine increases brain functional network efficiency. <i>NeuroImage</i> , 2012, 63, 73-80.	4.2	41
64	The effect of distracting noise on the neuronal mechanisms of attention in schizophrenia. <i>Schizophrenia Research</i> , 2012, 142, 230-236.	2.0	18
65	Stimulus-dependent effects on right ear advantage in schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2012, 8, 423.	2.2	3
66	The effects of exercise on the neuronal response to food cues. <i>Physiology and Behavior</i> , 2012, 105, 1028-1034.	2.1	116
67	Effects of an Alpha 7-Nicotinic Agonist on Default Network Activity in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 7-11.	1.3	116
68	Temporal processing in schizophrenia: Effects of task-difficulty on behavioral discrimination and neuronal responses. <i>Schizophrenia Research</i> , 2011, 127, 123-130.	2.0	29
69	Implicit phonological priming during visual word recognition. <i>NeuroImage</i> , 2011, 55, 724-731.	4.2	27
70	Cerebellar hyperactivity during smooth pursuit eye movements in bipolar disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 670-677.	3.1	11
71	Altered fimbria-fornix white matter integrity in anorexia nervosa predicts harm avoidance. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 109-116.	1.8	79
72	Nicotine effects on default mode network during resting state. <i>Psychopharmacology</i> , 2011, 216, 287-295.	3.1	103

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73	Functional imaging of hippocampal dysfunction among persons with Alzheimer's disease: a proof-of-concept study. <i>Neuropsychiatric Disease and Treatment</i> , 2010, 6, 779.	2.2	0
74	Functional Magnetic Resonance Imaging of Effects of a Nicotinic Agonist in Schizophrenia. <i>Neuropsychopharmacology</i> , 2010, 35, 938-942.	5.4	50
75	The role of the insula in schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 93-104.	2.0	296
76	Sex-based differences in the behavioral and neuronal responses to food. <i>Physiology and Behavior</i> , 2010, 99, 538-543.	2.1	161
77	The Effects of Overfeeding on the Neuronal Response to Visual Food Cues in Thin and Reduced-Obese Individuals. <i>PLoS ONE</i> , 2009, 4, e6310.	2.5	129
78	Connecting Brain Structure and Function in Schizophrenia. <i>American Journal of Psychiatry</i> , 2009, 166, 134-136.	7.2	18
79	Increased Hippocampal, Thalamic, and Prefrontal Hemodynamic Response to an Urban Noise Stimulus in Schizophrenia. <i>American Journal of Psychiatry</i> , 2009, 166, 354-360.	7.2	64
80	A voxel-based morphometry comparison of regional gray matter between fragile X syndrome and autism. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 138-145.	1.8	34
81	Medial Orbitofrontal Cortex Gray Matter Is Reduced in Abstinent Substance-Dependent Individuals. <i>Biological Psychiatry</i> , 2009, 65, 160-164.	1.3	210
82	Increased hemodynamic response in the hippocampus, thalamus and prefrontal cortex during abnormal sensory gating in schizophrenia. <i>Schizophrenia Research</i> , 2007, 92, 262-272.	2.0	130
83	Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 242-249.	2.0	55
84	Effects of overfeeding on the neuronal response to visual food cues. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 965-971.	4.7	138
85	Effect of task difficulty on the functional anatomy of temporal processing. <i>NeuroImage</i> , 2006, 32, 307-315.	4.2	97
86	Effects of Nicotine on Hippocampal and Cingulate Activity During Smooth Pursuit Eye Movement in Schizophrenia. <i>Biological Psychiatry</i> , 2006, 59, 754-761.	1.3	51
87	A voxel-based morphometry study of gray matter in parents of children with autism. <i>NeuroReport</i> , 2006, 17, 1289-1292.	1.2	31
88	fMRI of Response to Nicotine During a Smooth Pursuit Eye Movement Task in Schizophrenia. <i>American Journal of Psychiatry</i> , 2005, 162, 391-393.	7.2	54
89	Attentional integration between anatomically distinct stimulus representations in early visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14925-14930.	7.1	36
90	Effects of Nicotine on Cognitive Deficits in Schizophrenia. <i>Neuropsychopharmacology</i> , 2004, 29, 1378-1385.	5.4	228

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91	Neurobiology of Smooth Pursuit Eye Movement Deficits in Schizophrenia: An fMRI Study. American Journal of Psychiatry, 2004, 161, 315-321.	7.2	91
92	Comparison of Detrending Methods for Optimal fMRI Preprocessing. NeuroImage, 2002, 15, 902-907.	4.2	119
93	Brain Activation during Smooth-Pursuit Eye Movements. NeuroImage, 2002, 17, 1315-1324.	4.2	69
94	Monitoring eye movements during fMRI tasks with echo planar images. Human Brain Mapping, 2002, 17, 237-243.	3.6	27