

Grant S Shields

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,374
citations

201674

27
h-index

155660

55
g-index

66
all docs

66
docs citations

66
times ranked

4342
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of acute stress on core executive functions: A meta-analysis and comparison with cortisol. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 651-668.	6.1	439
2	Executive function performance in obesity and overweight individuals: A meta-analysis and review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 225-244.	6.1	337
3	The effects of acute stress on episodic memory: A meta-analysis and integrative review.. <i>Psychological Bulletin</i> , 2017, 143, 636-675.	6.1	295
4	Assessing Lifetime Stress Exposure Using the Stress and Adversity Inventory for Adults (Adult STRAIN): An Overview and Initial Validation. <i>Psychosomatic Medicine</i> , 2018, 80, 17-27.	2.0	162
5	Psychosocial Interventions and Immune System Function. <i>JAMA Psychiatry</i> , 2020, 77, 1031.	11.0	160
6	Effects of lifetime stress exposure on mental and physical health in young adulthood: How stress degrades and forgiveness protects health. <i>Journal of Health Psychology</i> , 2016, 21, 1004-1014.	2.3	153
7	Does cortisol influence core executive functions? A meta-analysis of acute cortisol administration effects on working memory, inhibition, and set-shifting. <i>Psychoneuroendocrinology</i> , 2015, 58, 91-103.	2.7	129
8	Lifetime stress exposure and health: A review of contemporary assessment methods and biological mechanisms. <i>Social and Personality Psychology Compass</i> , 2017, 11, e12335.	3.7	119
9	The relationships between rumination and core executive functions: A meta-analysis. <i>Depression and Anxiety</i> , 2017, 34, 37-50.	4.1	117
10	Life Stress and Suicide in Adolescents. <i>Journal of Abnormal Child Psychology</i> , 2019, 47, 1707-1722.	3.5	90
11	Inflammation, Self-Regulation, and Health: An Immunologic Model of Self-Regulatory Failure. <i>Perspectives on Psychological Science</i> , 2017, 12, 588-612.	9.0	88
12	The effect of negative affect on cognition: Anxiety, not anger, impairs executive function.. <i>Emotion</i> , 2016, 16, 792-797.	1.8	84
13	Acute stress impairs cognitive flexibility in men, not women. <i>Stress</i> , 2016, 19, 542-546.	1.8	67
14	Greater lifetime stress exposure predicts blunted cortisol but heightened DHEA responses to acute stress. <i>Stress and Health</i> , 2019, 35, 15-26.	2.6	66
15	Better cognitive control of emotional information is associated with reduced pro-inflammatory cytokine reactivity to emotional stress. <i>Stress</i> , 2016, 19, 63-68.	1.8	63
16	Cumulative lifetime stress exposure and leukocyte telomere length attrition: The unique role of stressor duration and exposure timing. <i>Psychoneuroendocrinology</i> , 2019, 104, 210-218.	2.7	60
17	Cognitive training on eating behaviour and weight loss: A meta-analysis and systematic review. <i>Obesity Reviews</i> , 2019, 20, 1628-1641.	6.5	55
18	Blunted Social Reward Responsiveness Moderates the Effect of Lifetime Social Stress Exposure on Depressive Symptoms. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 178.	2.0	51

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19	Recent life stress exposure is associated with poorer long-term memory, working memory, and self-reported memory. <i>Stress</i> , 2017, 20, 598-607.	1.8	48
20	The Stress and Adversity Inventory for Adolescents (Adolescent <scp>STRAIN</scp>): associations with mental and physical health, risky behaviors, and psychiatric diagnoses in youth seeking treatment. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 998-1009.	5.2	47
21	Better executive function under stress mitigates the effects of recent life stress exposure on health in young adults. <i>Stress</i> , 2017, 20, 92-102.	1.8	45
22	Anxiety, not anger, induces inflammatory activity: An avoidance/approach model of immune system activation.. <i>Emotion</i> , 2015, 15, 463-476.	1.8	43
23	Stress and cognition: A userâ€™s guide to designing and interpreting studies. <i>Psychoneuroendocrinology</i> , 2020, 112, 104475.	2.7	39
24	Effects of Yoga on Attention, Impulsivity, and Hyperactivity in Preschool-Aged Children with Attention-Deficit Hyperactivity Disorder Symptoms. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2018, 39, 200-209.	1.1	35
25	The Stress and Adversity Inventory for Adults (Adult STRAIN) in Brazilian Portuguese: Initial Validation and Links With Executive Function, Sleep, and Mental and Physical Health. <i>Frontiers in Psychology</i> , 2019, 10, 3083.	2.1	35
26	Forgiveness, Stress, and Health: a 5-Week Dynamic Parallel Process Study. <i>Annals of Behavioral Medicine</i> , 2016, 50, 727-735.	2.9	32
27	Exposure to acute stress enhances decision-making competence: Evidence for the role of DHEA. <i>Psychoneuroendocrinology</i> , 2016, 67, 51-60.	2.7	32
28	Mild acute stress improves response speed without impairing accuracy or interference control in two selective attention tasks: Implications for theories of stress and cognition. <i>Psychoneuroendocrinology</i> , 2019, 108, 78-86.	2.7	32
29	The Stress and Adversity Inventory for Adults (Adult STRAIN) in German: An overview and initial validation. <i>PLoS ONE</i> , 2019, 14, e0216419.	2.5	29
30	The error-related negativity (ERN) moderates the association between interpersonal stress and anxiety symptoms six months later. <i>International Journal of Psychophysiology</i> , 2020, 153, 27-36.	1.0	24
31	Lifetime and perceived stress, social support, loneliness, and health in autistic adults.. <i>Health Psychology</i> , 2021, 40, 556-568.	1.6	24
32	Racial/ethnic disparities in cortisol diurnal patterns and affect in adolescence. <i>Development and Psychopathology</i> , 2018, 30, 1977-1993.	2.3	23
33	The short-term reliability and long-term stability of salivary immune markers. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 650-654.	4.1	23
34	Low lifetime stress exposure is associated with reduced stimulusâ€™ response memory. <i>Learning and Memory</i> , 2017, 24, 162-168.	1.3	21
35	Cumulative lifetime stress exposure predicts greater impulsivity and addictive behaviors. <i>Journal of Health Psychology</i> , 2021, 26, 2921-2936.	2.3	21
36	Stress and the medial temporal lobe at rest: Functional connectivity is associated with both memory and cortisol. <i>Psychoneuroendocrinology</i> , 2019, 106, 138-146.	2.7	20

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37	The association between obesity and lower working memory is mediated by inflammation: Findings from a nationally representative dataset of U.S. adults. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 173-179.	4.1	19
38	Using acute stress to improve episodic memory: The critical role of contextual binding. <i>Neurobiology of Learning and Memory</i> , 2019, 158, 1-8.	1.9	17
39	Determining the biological associates of acute cold pressor post-encoding stress effects on human memory: The role of salivary interleukin-1 β . <i>Brain, Behavior, and Immunity</i> , 2019, 81, 178-187.	4.1	16
40	Markers of a plant-based diet relate to memory and executive function in older adults. <i>Nutritional Neuroscience</i> , 2022, 25, 276-285.	3.1	16
41	Reduced adaptation of glutamatergic stress response is associated with pessimistic expectations in depression. <i>Nature Communications</i> , 2021, 12, 3166.	12.8	16
42	Stress-related changes in personality: A longitudinal study of perceived stress and trait pessimism. <i>Journal of Research in Personality</i> , 2016, 64, 61-68.	1.7	15
43	The effects of post-encoding stress and glucocorticoids on episodic memory in humans and rodents. <i>Brain and Cognition</i> , 2019, 133, 12-23.	1.8	15
44	Deconstructing the effects of concentration meditation practice on interference control: The roles of controlled attention and inflammatory activity. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 256-267.	4.1	15
45	Obesity is associated with poor working memory in women, not men: Findings from a nationally representative dataset of U.S. adults. <i>Eating Behaviors</i> , 2019, 35, 101338.	2.0	14
46	Determining the mechanisms through which recent life stress predicts working memory impairments: precision or capacity?. <i>Stress</i> , 2019, 22, 280-285.	1.8	13
47	Alleviating Social Pain: A Double-Blind, Randomized, Placebo-Controlled Trial of Forgiveness and Acetaminophen. <i>Annals of Behavioral Medicine</i> , 2019, 53, 1045-1054.	2.9	12
48	Associations between lifetime stress exposure and prenatal health behaviors. <i>Stress and Health</i> , 2020, 36, 384-395.	2.6	11
49	Neuroscience and Conscious Causation: Has Neuroscience Shown that We Cannot Control Our Own Actions?. <i>Review of Philosophy and Psychology</i> , 2014, 5, 565-582.	1.8	8
50	Three-month cumulative exposure to testosterone and cortisol predicts distinct effects on response inhibition and risky decision-making in adolescents. <i>Psychoneuroendocrinology</i> , 2019, 110, 104412.	2.7	8
51	Hostility, forgiveness, and cognitive impairment over 10 years in a national sample of American adults.. <i>Health Psychology</i> , 2018, 37, 1102-1106.	1.6	8
52	Stress and memory encoding: What are the roles of the stress-encoding delay and stress relevance?. <i>Learning and Memory</i> , 2022, 29, 48-54.	1.3	8
53	Why is subjective stress severity a stronger predictor of health than stressor exposure? A preregistered two€study test of two hypotheses. <i>Stress and Health</i> , 2023, 39, 87-102.	2.6	8
54	Associations between lifetime stress exposure and the error-related negativity (ERN) differ based on stressor characteristics and exposure timing in young adults. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 672-689.	2.0	7

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55	Hypothalamicâ€Pituitaryâ€Adrenal Axis Activity in Childhood Predicts Emotional Memory Effects and Related Neural Circuitry in Adolescent Girls. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 872-886.	2.3	7
56	Response: Commentary: The effects of acute stress on core executive functions: A meta-analysis and comparison with cortisol. <i>Frontiers in Psychology</i> , 2017, 8, 2090.	2.1	6
57	Cumulative lifetime stressor exposure assessed by the STRAIN predicts economic ambiguity aversion. <i>Nature Communications</i> , 2022, 13, 1686.	12.8	6
58	Balancing precision with inclusivity in meta-analyses: A response to Roos and colleagues (2017). <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 193-197.	6.1	4
59	Curvilinear associations between family income in early childhood and the cortisol awakening response in adolescence. <i>Psychoneuroendocrinology</i> , 2021, 129, 105237.	2.7	4
60	Avoidance-related EEG asymmetry predicts circulating interleukin-6.. <i>Emotion</i> , 2016, 16, 150-154.	1.8	4
61	Associations between lifetime stress exposure, race, and first-birth intendedness in the United States. <i>Journal of Health Psychology</i> , 2020, , 135910532096321.	2.3	2
62	Psychobiology of Stress and Adolescent Depression (PSY SAD) Study: Protocol overview for an fMRI-based multi-method investigation. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 17, 100334.	2.5	2
63	Feel free to write this down: Writing about a stressful experience does not impair change detection task performance.. <i>Emotion</i> , 2020, 20, 317-322.	1.8	2
64	Mediators of the associations between family income during adolescence and adult long-term memory and working memory. <i>Cognitive Development</i> , 2022, 61, 101140.	1.3	2
65	Neural and peripheral markers of reward during positive social evaluation are associated with less clinician-rated depression symptom severity in adolescence. <i>Comprehensive Psychoneuroendocrinology</i> , 2022, 11, 100149.	1.7	1