

Kirstin Aschbacher

List of Publications by Year in descending order

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55
papers

1,942
citations

279487

23
h-index

264894

42
g-index

61
all docs

61
docs citations

61
times ranked

3474
citing authors

#	ARTICLE	IF	CITATIONS
1	Good stress, bad stress and oxidative stress: Insights from anticipatory cortisol reactivity. <i>Psychoneuroendocrinology</i> , 2013, 38, 1698-1708.	1.3	336
2	Feasibility of continuous fever monitoring using wearable devices. <i>Scientific Reports</i> , 2020, 10, 21640.	1.6	99
3	Chronic stress increases vulnerability to diet-related abdominal fat, oxidative stress, and metabolic risk. <i>Psychoneuroendocrinology</i> , 2014, 46, 14-22.	1.3	98
4	Maintenance of a positive outlook during acute stress protects against pro-inflammatory reactivity and future depressive symptoms. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 346-352.	2.0	94
5	Reduced reward-driven eating accounts for the impact of a mindfulness-based diet and exercise intervention on weight loss: Data from the SHINE randomized controlled trial. <i>Appetite</i> , 2016, 100, 86-93.	1.8	90
6	Real-world heart rate norms in the Health eHeart study. <i>Npj Digital Medicine</i> , 2019, 2, 58.	5.7	90
7	Systematic and Cell Type-Specific Telomere Length Changes in Subsets of Lymphocytes. <i>Journal of Immunology Research</i> , 2016, 2016, 1-9.	0.9	84
8	A Mitochondrial Health Index Sensitive to Mood and Caregiving Stress. <i>Biological Psychiatry</i> , 2018, 84, 9-17.	0.7	82
9	Effects of depressive and anxious symptoms on norepinephrine and platelet P-selectin responses to acute psychological stress among elderly caregivers. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 493-502.	2.0	79
10	Altered Blood Coagulation in Patients With Posttraumatic Stress Disorder. <i>Psychosomatic Medicine</i> , 2006, 68, 598-604.	1.3	77
11	Effects of gender and dementia severity on Alzheimer's disease caregivers' sleep and biomarkers of coagulation and inflammation. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 605-610.	2.0	61
12	A digital biomarker of diabetes from smartphone-based vascular signals. <i>Nature Medicine</i> , 2020, 26, 1576-1582.	15.2	58
13	Posttraumatic Stress Disorder Is Associated With Worse Endothelial Function Among Veterans. <i>Journal of the American Heart Association</i> , 2016, 5, e003010.	1.6	41
14	Increased circulating blood cell counts in combat-related PTSD: Associations with inflammation and PTSD severity. <i>Psychiatry Research</i> , 2017, 258, 330-336.	1.7	41
15	Coping Processes and Hemostatic Reactivity to Acute Stress in Dementia Caregivers. <i>Psychosomatic Medicine</i> , 2005, 67, 964-971.	1.3	39
16	Atrial fibrillation detection from raw photoplethysmography waveforms: A deep learning application. <i>Heart Rhythm O2</i> , 2020, 1, 3-9.	0.6	35
17	The hypothalamic-pituitary-adrenal-leptin axis and metabolic health: a systems approach to resilience, robustness and control. <i>Interface Focus</i> , 2014, 4, 20140020.	1.5	34
18	Anger Is Associated with Increased IL-6 Stress Reactivity in Women, But Only Among Those Low in Social Support. <i>International Journal of Behavioral Medicine</i> , 2014, 21, 936-945.	0.8	34

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19	Dementia Severity of the Care Receiver Predicts Procoagulant Response in Alzheimer Caregivers. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 694-703.	0.6	32
20	Return to work after work-related stress: a randomized controlled trial of a work-focused cognitive behavioral intervention. <i>Scandinavian Journal of Work, Environment and Health</i> , 2017, 43, 436-446.	1.7	31
21	Linking disease symptoms and subtypes with personalized systems-based phenotypes: A proof of concept study. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1047-1056.	2.0	30
22	Does cannabis legalisation change healthcare utilisation? A population-based study using the healthcare cost and utilisation project in Colorado, USA. <i>BMJ Open</i> , 2019, 9, e027432.	0.8	30
23	Persistent versus transient depressive symptoms in relation to platelet hyperactivation: A longitudinal analysis of dementia caregivers. <i>Journal of Affective Disorders</i> , 2009, 116, 80-87.	2.0	26
24	A population of atypical CD56 ⁺ CD16 ⁺ natural killer cells is expanded in PTSD and is associated with symptom severity. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 264-270.	2.0	25
25	Stress resilience: Narrative identity may buffer the longitudinal effects of chronic caregiving stress on mental health and telomere shortening. <i>Brain, Behavior, and Immunity</i> , 2019, 77, 101-109.	2.0	24
26	Brief Exposure to Secondhand Smoke Reversibly Impairs Endothelial Vasodilatory Function. <i>Nicotine and Tobacco Research</i> , 2014, 16, 584-590.	1.4	23
27	Posttraumatic stress disorder, symptoms, and white matter abnormalities among combat-exposed veterans. <i>Brain Imaging and Behavior</i> , 2018, 12, 989-999.	1.1	18
28	Longitudinal platelet reactivity to acute psychological stress among older men and women. <i>Stress</i> , 2009, 12, 426-433.	0.8	16
29	Characterization of Cortisol Dysregulation in Fibromyalgia and Chronic Fatigue Syndromes: A State-Space Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 3163-3172.	2.5	16
30	Adversity in early life and pregnancy are immunologically distinct from total life adversity: macrophage-associated phenotypes in women exposed to interpersonal violence. <i>Translational Psychiatry</i> , 2021, 11, 391.	2.4	16
31	Comparison of the Physical Activity Measured by a Consumer Wearable Activity Tracker and That Measured by Self-Report: Cross-Sectional Analysis of the Health eHeart Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e22090.	1.8	16
32	Chronic stress is associated with reduced circulating hematopoietic progenitor cell number: A maternal caregiving model. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 245-252.	2.0	15
33	Circulating angiogenic cell function is inhibited by cortisol in vitro and associated with psychological stress and cortisol in vivo. <i>Psychoneuroendocrinology</i> , 2016, 67, 216-223.	1.3	14
34	Combination of Caregiving Stress and Hormone Replacement Therapy is Associated With Prolonged Platelet Activation to Acute Stress Among Postmenopausal Women. <i>Psychosomatic Medicine</i> , 2007, 69, 910-917.	1.3	13
35	A System Theoretic Investigation of Cortisol Dysregulation in Fibromyalgia Patients with Chronic Fatigue. , 2019, 2019, 6896-6901.		13
36	Overexpression of Nitric Oxide Synthase Restores Circulating Angiogenic Cell Function in Patients With Coronary Artery Disease: Implications for Autologous Cell Therapy for Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	11

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37	Machine learning prediction of blood alcohol concentration: a digital signature of smart-breathalyzer behavior. <i>Npj Digital Medicine</i> , 2021, 4, 74.	5.7	10
38	Chronic Stress and Impulsive Risk-Taking Predict Increases in Visceral Fat over 18 Months. <i>Obesity</i> , 2018, 26, 869-876.	1.5	9
39	Immune Biomarkers of Early-Life Adversity and Exposure to Stress and Violence—Searching Outside the Streetlight. <i>JAMA Pediatrics</i> , 2020, 174, 17.	3.3	9
40	An immunogenomic phenotype predicting behavioral treatment response: Toward precision psychiatry for mothers and children with trauma exposure. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 350-362.	2.0	7
41	When anger expression might be beneficial for African Americans: The moderating role of chronic discrimination.. <i>Cultural Diversity and Ethnic Minority Psychology</i> , 2018, 24, 303-318.	1.3	7
42	New directions in linking the dynamics of affective and stress-arousal systems. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 230-231.	2.0	6
43	Sweet cognition: The differential effects of glucose consumption on attentional food bias in individuals of lean and obese status. <i>Physiology and Behavior</i> , 2019, 206, 264-273.	1.0	6
44	Temporal patterns of self-weighting behavior and weight changes assessed by consumer purchased scales in the Health eHeart Study. <i>Journal of Behavioral Medicine</i> , 2019, 42, 873-882.	1.1	6
45	Eustress, distress, and oxidative stress: Promising pathways for mind-body medicine. , 2020, , 583-617.		5
46	Sparse System Identification of Leptin Dynamics in Women With Obesity. <i>Frontiers in Endocrinology</i> , 2022, 13, 769951.	1.5	5
47	Longitudinal hair cortisol in low-income young children: A useful biomarker of behavioral symptom change?. <i>Psychoneuroendocrinology</i> , 2021, 133, 105389.	1.3	4
48	Higher fasting glucose levels are associated with reduced circulating angiogenic cell migratory capacity among healthy individuals. <i>American Journal of Cardiovascular Disease</i> , 2012, 2, 12-9.	0.5	4
49	Effects of Early Adversity and Stress Vulnerability on Treatment Response to Mindfulness-Based Stress Reduction. <i>Journal of Alternative and Complementary Medicine</i> , 2014, 20, A51-A51.	2.1	1
50	61. Developing Sensitive Measurements of Mitochondrial Responses to Acute and Chronic Stress. <i>Biological Psychiatry</i> , 2018, 83, S25.	0.7	1
51	Cell aging and resilience: associations between daily emotion regulation and increased telomerase activity. <i>HÅrgre Utbildning</i> , 2012, 3, .	1.4	1
52	Obesity and Immunosenescence: Psychological, Behavioral and Biochemical Pathways. , 2013, , 179-199.		1
53	709. Increased Circulating Blood Cell Counts in Combat-Related PTSD: Associations with Inflammation and Symptom Severity. <i>Biological Psychiatry</i> , 2017, 81, S287-S288.	0.7	0
54	Abstract 17412: Paracrine Role of B Lymphocytes in Successful Bone Marrow Cell Therapy for Myocardial Infarction. <i>Circulation</i> , 2015, 132, .	1.6	0

#	ARTICLE	IF	CITATIONS
55	Evidence-Based Therapist-Supported Digital Mental Health Intervention for Patients Experiencing Medical Multimorbidity: A Retrospective Cohort Intent-to-Treat Study. SSRN Electronic Journal, 0, , .	0.4	0