Jana Strahler

List of Publications by Year
in descending order

77 papers	3,226 citations	218381 26 h-index	168136 53 g-index
84 all docs	84 docs citations	84 times ranked	4244 citing authors

#	Article	IF	Citations
1	COVID-19 Home Confinement Negatively Impacts Social Participation and Life Satisfaction: A Worldwide Multicenter Study. International Journal of Environmental Research and Public Health, 2020, 17, 6237.	1.2	301
2	Effects of home confinement on mental health and lifestyle behaviours during the COVID-19 outbreak: Insight from the ECLB-COVID19 multicenter study. Biology of Sport, 2021, 38, 9-21.	1.7	255
3	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. PLoS ONE, 2020, 15, e0240204.	1.1	214
4	Intra-individual psychological and physiological responses to acute laboratory stressors of different intensity. Psychoneuroendocrinology, 2015, 51, 227-236.	1.3	182
5	Simultaneous measurement of salivary cortisol and alpha-amylase: Application and recommendations. Neuroscience and Biobehavioral Reviews, 2017, 83, 657-677.	2.9	164
6	Salivary Î±-amylase stress reactivity across different age groups. Psychophysiology, 2010, 47, 587-595.	1.2	148
7	Music listening as a means of stress reduction in daily life. Psychoneuroendocrinology, 2015, 60, 82-90.	1.3	137
8	Globally altered sleep patterns and physical activity levels by confinement in 5056 individuals: ECLB COVID-19 international online survey. Biology of Sport, 2021, 38, 495-506.	1.7	124
9	A Current Understanding of the Behavioral Neuroscience of Compulsive Sexual Behavior Disorder and Problematic Pornography Use. Current Behavioral Neuroscience Reports, 2018, 5, 218-231.	0.6	116
10	Sleep Quality and Physical Activity as Predictors of Mental Wellbeing Variance in Older Adults during COVID-19 Lockdown: ECLB COVID-19 International Online Survey. International Journal of Environmental Research and Public Health, 2021, 18, 4329.	1.2	100
11	Orthorexia nervosa: A behavioral complex or a psychological condition?. Journal of Behavioral Addictions, 2018, 7, 1143-1156.	1.9	93
12	Stress exacerbates pain in the everyday lives of women with fibromyalgia syndromeâ€"The role of cortisol and alpha-amylase. Psychoneuroendocrinology, 2016, 63, 68-77.	1.3	87
13	Biomarkers of stress in behavioural medicine. Current Opinion in Psychiatry, 2013, 26, 440-445.	3.1	85
14	Aging diurnal rhythms and chronic stress: Distinct alteration of diurnal rhythmicity of salivary Î±-amylase and cortisol. Biological Psychology, 2010, 84, 248-256.	1.1	78
15	The stress-reducing effect of music listening varies depending on the social context. Psychoneuroendocrinology, 2016, 72, 97-105.	1.3	63
16	The effects of music listening on pain and stress in the daily life of patients with fibromyalgia syndrome. Frontiers in Human Neuroscience, 2015, 9, 434.	1.0	53
17	Sex differences in orthorexic eating behaviors: A systematic review and meta-analytical integration. Nutrition, 2019, 67-68, 110534.	1.1	52
18	Psychobiological stress response to a simulated school shooting in police officers. Psychoneuroendocrinology, 2015, 51, 80-91.	1.3	42

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19	The effects of mindfulness training on competition-induced anxiety and salivary stress markers in elite Wushu athletes: A pilot study. Physiology and Behavior, 2019, 210, 112655.	1.0	42
20	Reciprocal relationship between acute stress and acute fatigue in everyday life in a sample of university students. Biological Psychology, 2015, 110, 42-49.	1.1	41
21	Genetic contributions to acute autonomic stress responsiveness in children. International Journal of Psychophysiology, 2012, 83, 302-308.	0.5	35
22	Cross-cultural differences in orthorexic eating behaviors: Associations with personality traits. Nutrition, 2020, 77, 110811.	1.1	35
23	Internet-Based Cognitive-Behavioural Intervention for Women with Premenstrual Dysphoric Disorder: A Randomized Controlled Trial. Psychotherapy and Psychosomatics, 2019, 88, 16-29.	4.0	32
24	Circadian variation of salivary immunoglobin A, alpha-amylase activity and mood in response to repeated double-poling sprints in hypoxia. European Journal of Applied Physiology, 2016, 116, 1-10.	1.2	30
25	Perspective: Classifying Orthorexia Nervosa as a New Mental Illnessâ€"Much Discussion, Little Evidence. Advances in Nutrition, 2020, 11, 784-789.	2.9	30
26	Differential effects of eating and drinking on wellbeingâ€"An ecological ambulatory assessment study. Biological Psychology, 2018, 131, 72-88.	1.1	28
27	Neural correlates of gender differences in distractibility by sexual stimuli. NeuroImage, 2018, 176, 499-509.	2.1	27
28	Norepinephrine and epinephrine responses to physiological and pharmacological stimulation in chronic fatigue syndrome. Biological Psychology, 2013, 94, 160-166.	1.1	26
29	Lower stress system activity and higher peripheral inflammation in competitive ballroom dancers. Biological Psychology, 2012, 91, 357-364.	1.1	24
30	Hormonal, Metabolic, and Cardiorespiratory Responses of Young and Adult Athletes to a Single Session of High-Intensity Cycle Exercise. Pediatric Exercise Science, 2014, 26, 485-494.	0.5	24
31	Acute psychosocial stress induces differential short-term changes in catecholamine sensitivity of stimulated inflammatory cytokine production. Brain, Behavior, and Immunity, 2015, 43, 139-148.	2.0	22
32	Optimizing expectations and distraction leads to lower cortisol levels after acute stress. Psychoneuroendocrinology, 2018, 88, 144-152.	1.3	22
33	Obsessive healthy eating and orthorexic eating tendencies in sport and exercise contexts: A systematic review and meta-analysis. Journal of Behavioral Addictions, 2021, 10, 456-470.	1.9	22
34	Impact of physical fitness on salivary stress markers in sedentary to low-active young to middle-aged men. Psychoneuroendocrinology, 2016, 68, 14-19.	1.3	21
35	Association between impulsivity and orthorexia nervosa: any moderating role of maladaptive personality traits?. Eating and Weight Disorders, 2022, 27, 483-493.	1.2	21
36	Dysregulated stress signal sensitivity and inflammatory disinhibition as a pathophysiological mechanism of stress-related chronic fatigue. Neuroscience and Biobehavioral Reviews, 2016, 68, 298-318.	2.9	20

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37	Habitual and acute exercise effects on salivary biomarkers in response to psychosocial stress. Psychoneuroendocrinology, 2019, 106, 216-225.	1.3	20
38	Influence of stress systems and physical activity on different dimensions of fatigue in female fibromyalgia patients. Journal of Psychosomatic Research, 2017, 93, 55-61.	1.2	19
39	Trait mindfulness differentiates the interest in healthy diet from orthorexia nervosa. Eating and Weight Disorders, 2021, 26, 993-998.	1.2	19
40	Physical activity buffers fatigue only under low chronic stress. Stress, 2016, 19, 535-541.	0.8	18
41	Associations between Health Behaviors and Factors on Markers of Healthy Psychological and Physiological Functioning: a Daily Diary Study. Annals of Behavioral Medicine, 2020, 54, 22-35.	1.7	18
42	Acute and Chronic Stress in Daily Police Service: A Three-Week N-of-1 Study. Psychoneuroendocrinology, 2020, 122, 104865.	1.3	18
43	Psychobiological impact of ethnic discrimination in Turkish immigrants living in Germany. Stress, 2017, 20, 167-174.	0.8	17
44	No Sex Difference Found: Cues of Sexual Stimuli Activate the Reward System in both Sexes. Neuroscience, 2019, 416, 63-73.	1.1	17
45	Fingernail cortisol â€“ State of research and future directions. Frontiers in Neuroendocrinology, 2020, 58, 100855.	2.5	17
46	Assessing the Effects of Music Listening on Psychobiological Stress in Daily Life. Journal of Visualized Experiments, 2017, , .	0.2	15
47	Effects of acute psychosocial stress on the hypothalamic-pituitary-thyroid (HPT) axis in healthy women. Psychoneuroendocrinology, 2019, 110, 104438.	1.3	15
48	Chronic stress moderates the impact of social exclusion on pain tolerance: an experimental investigation. Journal of Pain Research, 2017, Volume 10, 1155-1162.	0.8	14
49	Thyroid Functioning and Fatigue in Women With Functional Somatic Syndromes â€“ Role of Early Life Adversity. Frontiers in Physiology, 2018, 9, 564.	1.3	14
50	Attentional bias toward and distractibility by sexual cues: A meta-analytic integration. Neuroscience and Biobehavioral Reviews, 2019, 105, 276-287.	2.9	14
51	Physical Activity and Mental Health of Patients with Pulmonary Hypertension during the COVID-19 Pandemic. Journal of Clinical Medicine, 2020, 9, 4023.	1.0	14
52	Sexual incentive delay in the scanner: Sexual cue and reward processing, and links to problematic porn consumption and sexual motivation. Journal of Behavioral Addictions, 2021, 10, 65-76.	1.9	14
53	The Dark Side of Healthy Eating: Links between Orthorexic Eating and Mental Health. Nutrients, 2020, 12, 3662.	1.7	13
54	Subjective reward value of visual sexual stimuli is coded in human striatum and orbitofrontal cortex. Behavioural Brain Research, 2020, 393, 112792.	1.2	13

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55	On the relationship between physical activity, physical fitness, and stress reactivity to a real-life mental stressor.. International Journal of Stress Management, 2019, 26, 344-355.	0.9	13
56	Acute psychosocial stress and working memory performance: the potential of physical activity to modulate cognitive functions in children. BMC Pediatrics, 2019, 19, 271.	0.7	12
57	Association of blood pressure and antihypertensive drugs with diurnal alpha-amylase activity. International Journal of Psychophysiology, 2011, 81, 31-37.	0.5	10
58	Alike and different: Associations between orthorexic eating behaviors and exercise addiction. International Journal of Eating Disorders, 2021, 54, 1415-1425.	2.1	10
59	Effects of orthostasis on endocrine responses to psychosocial stress. International Journal of Psychophysiology, 2013, 90, 341-346.	0.5	9
60	Poor nightâ€™s sleep predicts following dayâ€™s salivary alpha-amylase under high but not low stress. Psychoneuroendocrinology, 2019, 101, 80-86.	1.3	9
61	Femalesâ€™ menstrual cycle and incentive salience: Insights on neural reaction towards erotic pictures and effects of gonadal hormones. Comprehensive Psychoneuroendocrinology, 2020, 3, 100006.	0.7	9
62	Salivary alpha-amylase response following repeated psychosocial stress in patients with panic disorder. Journal of Anxiety Disorders, 2016, 37, 54-63.	1.5	8
63	Food cue-elicited brain potentials change throughout menstrual cycle: Modulation by eating styles, negative affect, and premenstrual complaints. Hormones and Behavior, 2020, 124, 104811.	1.0	8
64	â€œNâ€ofâ€1â€â€”Study: A concept of acute and chronic stress research using the example of ballroom dancing. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1040-1049.	1.3	6
65	Heidelberg Risk Sport-Specific Stress Test: A Paradigm to Investigate the Risk Sport-Specific Psycho-Physiological Arousal. Frontiers in Psychology, 2019, 10, 2249.	1.1	5
66	Psychological Correlates of Excessive Healthy and Orthorexic Eating: Emotion Regulation, Attachment, and Anxious-Depressive-Stress Symptomatology. Frontiers in Nutrition, 2022, 9, 817047.	1.6	5
67	Joint associations of regular exercise and healthy diet with psychobiological stress reactivity in a healthy male sample. Stress, 2021, 24, 696-709.	0.8	4
68	Direct and Stress-Buffering Effects of COVID-19-Related Changes in Exercise Activity on the Well-Being of German Sport Students. International Journal of Environmental Research and Public Health, 2021, 18, 7117.	1.2	4
69	Diurnal cortisol and alpha-amylase in the daily lives of older adults with vital exhaustion. Physiology and Behavior, 2018, 185, 39-45.	1.0	2
70	Author's response to commentary re. â€œSex differences in orthorexic eating behaviors: A systematic review and meta-analytical integrationâ€• Nutrition, 2020, 70, 110603.	1.1	2
71	The Impact of Negative Mood on Event-Related Potentials When Viewing Pornographic Pictures. Frontiers in Psychology, 2021, 12, 673023.	1.1	2
72	Individual cortisol response to acute stress influences neural processing of sexual cues. Journal of Behavioral Addictions, 2022, , .	1.9	1

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73	Effects of acute stress on the hypothalamic-pituitary-thyroid (HPT) axis. Psychoneuroendocrinology, 2019, 107, 8.	1.3	0
74	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. , 2020, 15, e0240204.		0
75	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. , 2020, 15, e0240204.		0
76	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. , 2020, 15, e0240204.		0
77	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. , 2020, 15, e0240204.		0