

# Jana Strahler

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

3,226  
citations

218592

26  
h-index

168321

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. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Biology of Sport</i> , 2021, 38, 9-21.	1.7	255
3	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. <i>PLoS ONE</i> , 2020, 15, e0240204.	1.1	214
4	Intra-individual psychological and physiological responses to acute laboratory stressors of different intensity. <i>Psychoneuroendocrinology</i> , 2015, 51, 227-236.	1.3	182
5	Simultaneous measurement of salivary cortisol and alpha-amylase: Application and recommendations. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 657-677.	2.9	164
6	Salivary $\alpha$ -amylase stress reactivity across different age groups. <i>Psychophysiology</i> , 2010, 47, 587-595.	1.2	148
7	Music listening as a means of stress reduction in daily life. <i>Psychoneuroendocrinology</i> , 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. <i>Biology of Sport</i> , 2021, 38, 495-506.	1.7	124
9	A Current Understanding of the Behavioral Neuroscience of Compulsive Sexual Behavior Disorder and Problematic Pornography Use. <i>Current Behavioral Neuroscience Reports</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4329.	1.2	100
11	Orthorexia nervosa: A behavioral complex or a psychological condition?. <i>Journal of Behavioral Addictions</i> , 2018, 7, 1143-1156.	1.9	93
12	Stress exacerbates pain in the everyday lives of women with fibromyalgia syndrome – The role of cortisol and alpha-amylase. <i>Psychoneuroendocrinology</i> , 2016, 63, 68-77.	1.3	87
13	Biomarkers of stress in behavioural medicine. <i>Current Opinion in Psychiatry</i> , 2013, 26, 440-445.	3.1	85
14	Ageing diurnal rhythms and chronic stress: Distinct alteration of diurnal rhythmicity of salivary $\alpha$ -amylase and cortisol. <i>Biological Psychology</i> , 2010, 84, 248-256.	1.1	78
15	The stress-reducing effect of music listening varies depending on the social context. <i>Psychoneuroendocrinology</i> , 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. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 434.	1.0	53
17	Sex differences in orthorexic eating behaviors: A systematic review and meta-analytical integration. <i>Nutrition</i> , 2019, 67-68, 110534.	1.1	52
18	Psychobiological stress response to a simulated school shooting in police officers. <i>Psychoneuroendocrinology</i> , 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. <i>Physiology and Behavior</i> , 2019, 210, 112655.	1.0	42
20	Reciprocal relationship between acute stress and acute fatigue in everyday life in a sample of university students. <i>Biological Psychology</i> , 2015, 110, 42-49.	1.1	41
21	Genetic contributions to acute autonomic stress responsiveness in children. <i>International Journal of Psychophysiology</i> , 2012, 83, 302-308.	0.5	35
22	Cross-cultural differences in orthorexic eating behaviors: Associations with personality traits. <i>Nutrition</i> , 2020, 77, 110811.	1.1	35
23	Internet-Based Cognitive-Behavioural Intervention for Women with Premenstrual Dysphoric Disorder: A Randomized Controlled Trial. <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 16-29.	4.0	32
24	Circadian variation of salivary immunoglobulin A, alpha-amylase activity and mood in response to repeated double-poling sprints in hypoxia. <i>European Journal of Applied Physiology</i> , 2016, 116, 1-10.	1.2	30
25	Perspective: Classifying Orthorexia Nervosa as a New Mental Illness—Much Discussion, Little Evidence. <i>Advances in Nutrition</i> , 2020, 11, 784-789.	2.9	30
26	Differential effects of eating and drinking on wellbeing—An ecological ambulatory assessment study. <i>Biological Psychology</i> , 2018, 131, 72-88.	1.1	28
27	Neural correlates of gender differences in distractibility by sexual stimuli. <i>NeuroImage</i> , 2018, 176, 499-509.	2.1	27
28	Norepinephrine and epinephrine responses to physiological and pharmacological stimulation in chronic fatigue syndrome. <i>Biological Psychology</i> , 2013, 94, 160-166.	1.1	26
29	Lower stress system activity and higher peripheral inflammation in competitive ballroom dancers. <i>Biological Psychology</i> , 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. <i>Pediatric Exercise Science</i> , 2014, 26, 485-494.	0.5	24
31	Acute psychosocial stress induces differential short-term changes in catecholamine sensitivity of stimulated inflammatory cytokine production. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 139-148.	2.0	22
32	Optimizing expectations and distraction leads to lower cortisol levels after acute stress. <i>Psychoneuroendocrinology</i> , 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. <i>Journal of Behavioral Addictions</i> , 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. <i>Psychoneuroendocrinology</i> , 2016, 68, 14-19.	1.3	21
35	Association between impulsivity and orthorexia nervosa: any moderating role of maladaptive personality traits?. <i>Eating and Weight Disorders</i> , 2022, 27, 483-493.	1.2	21
36	Dysregulated stress signal sensitivity and inflammatory disinhibition as a pathophysiological mechanism of stress-related chronic fatigue. <i>Neuroscience and Biobehavioral Reviews</i> , 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. <i>Psychoneuroendocrinology</i> , 2019, 106, 216-225.	1.3	20
38	Influence of stress systems and physical activity on different dimensions of fatigue in female fibromyalgia patients. <i>Journal of Psychosomatic Research</i> , 2017, 93, 55-61.	1.2	19
39	Trait mindfulness differentiates the interest in healthy diet from orthorexia nervosa. <i>Eating and Weight Disorders</i> , 2021, 26, 993-998.	1.2	19
40	Physical activity buffers fatigue only under low chronic stress. <i>Stress</i> , 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. <i>Annals of Behavioral Medicine</i> , 2020, 54, 22-35.	1.7	18
42	Acute and Chronic Stress in Daily Police Service: A Three-Week N-of-1 Study. <i>Psychoneuroendocrinology</i> , 2020, 122, 104865.	1.3	18
43	Psychobiological impact of ethnic discrimination in Turkish immigrants living in Germany. <i>Stress</i> , 2017, 20, 167-174.	0.8	17
44	No Sex Difference Found: Cues of Sexual Stimuli Activate the Reward System in both Sexes. <i>Neuroscience</i> , 2019, 416, 63-73.	1.1	17
45	Fingernail cortisol – State of research and future directions. <i>Frontiers in Neuroendocrinology</i> , 2020, 58, 100855.	2.5	17
46	Assessing the Effects of Music Listening on Psychobiological Stress in Daily Life. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	15
47	Effects of acute psychosocial stress on the hypothalamic-pituitary-thyroid (HPT) axis in healthy women. <i>Psychoneuroendocrinology</i> , 2019, 110, 104438.	1.3	15
48	Chronic stress moderates the impact of social exclusion on pain tolerance: an experimental investigation. <i>Journal of Pain Research</i> , 2017, Volume 10, 1155-1162.	0.8	14
49	Thyroid Functioning and Fatigue in Women With Functional Somatic Syndromes – Role of Early Life Adversity. <i>Frontiers in Physiology</i> , 2018, 9, 564.	1.3	14
50	Attentional bias toward and distractibility by sexual cues: A meta-analytic integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 276-287.	2.9	14
51	Physical Activity and Mental Health of Patients with Pulmonary Hypertension during the COVID-19 Pandemic. <i>Journal of Clinical Medicine</i> , 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. <i>Journal of Behavioral Addictions</i> , 2021, 10, 65-76.	1.9	14
53	The Dark Side of Healthy Eating: Links between Orthorexic Eating and Mental Health. <i>Nutrients</i> , 2020, 12, 3662.	1.7	13
54	Subjective reward value of visual sexual stimuli is coded in human striatum and orbitofrontal cortex. <i>Behavioural Brain Research</i> , 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 night's sleep predicts following day's salivary alpha-amylase under high but not low stress. Psychoneuroendocrinology, 2019, 101, 80-86.	1.3	9
61	Females' 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	"Coffee-1" 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. "Sex differences in orthorexic eating behaviors: A systematic review and meta-analytical integration" 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