

# Marc N Jarczok

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,452  
citations

147801

31  
h-index

168389

53  
g-index

121  
all docs

121  
docs citations

121  
times ranked

5042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors. <i>European Heart Journal</i> , 2013, 34, 2368-2380.	2.2	228
2	Heart rate variability and inflammation: A meta-analysis of human studies. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 219-226.	4.1	204
3	Autonomic nervous system activity and workplace stressors—A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1810-1823.	6.1	179
4	Heart rate variability and experimentally induced pain in healthy adults: A systematic review. <i>European Journal of Pain</i> , 2014, 18, 301-314.	2.8	173
5	The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies. <i>Psychoneuroendocrinology</i> , 2016, 73, 16-23.	2.7	160
6	Body mass index is related to autonomic nervous system activity as measured by heart rate variability — A replication using short term measurements. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 300-302.	3.3	146
7	How to study the menstrual cycle: Practical tools and recommendations. <i>Psychoneuroendocrinology</i> , 2021, 123, 104895.	2.7	123
8	Investigating the Associations of Self-Rated Health: Heart Rate Variability Is More Strongly Associated than Inflammatory and Other Frequently Used Biomarkers in a Cross Sectional Occupational Sample. <i>PLoS ONE</i> , 2015, 10, e0117196.	2.5	99
9	Community-based efforts to promote physical activity: A systematic review of interventions considering mode of delivery, study quality and population subgroups. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 276-282.	1.3	92
10	Measuring allostatic load in the workforce: a systematic review. <i>Industrial Health</i> , 2015, 53, 5-20.	1.0	89
11	Heart rate variability (HRV): From brain death to resonance breathing at 6 breaths per minute. <i>Clinical Neurophysiology</i> , 2020, 131, 676-693.	1.5	76
12	Optimising lifestyle interventions: identification of health behaviour patterns by cluster analysis in a German 50+ survey. <i>European Journal of Public Health</i> , 2009, 19, 271-277.	0.3	72
13	Heart Rate Variability is Associated with Glycemic Status After Controlling for Components of the Metabolic Syndrome. <i>International Journal of Cardiology</i> , 2013, 167, 855-861.	1.7	67
14	Consistent associations between measures of psychological stress and CMV antibody levels in a large occupational sample. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 133-141.	4.1	67
15	Less immune activation following social stress in rural vs. urban participants raised with regular or no animal contact, respectively. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5259-5264.	7.1	62
16	The fruits of ones labor: Effort—reward imbalance but not job strain is related to heart rate variability across the day in 35—44-year-old workers. <i>Journal of Psychosomatic Research</i> , 2010, 69, 151-159.	2.6	61
17	Lower heart rate variability predicts increased level of C-reactive protein 4 years later in healthy, nonsmoking adults. <i>Journal of Internal Medicine</i> , 2014, 276, 667-671.	6.0	59
18	Chronic Pain and Heart Rate Variability in a Cross-Sectional Occupational Sample. <i>Clinical Journal of Pain</i> , 2016, 32, 218-225.	1.9	57

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19	Two-week test-retest reliability of the Polar RS800CX to record heart rate variability. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 776-781.	1.2	55
20	Three job stress models and their relationship with musculoskeletal pain in blue- and white-collar workers. <i>Journal of Psychosomatic Research</i> , 2015, 79, 340-347.	2.6	52
21	Two-Week Test-Retest Stability of the Cold Pressor Task Procedure at two different Temperatures as a Measure of Pain Threshold and Tolerance. <i>Pain Practice</i> , 2014, 14, E126-35.	1.9	51
22	A Systematic Review and Meta-Analysis of Within-Person Changes in Cardiac Vagal Activity across the Menstrual Cycle: Implications for Female Health and Future Studies. <i>Journal of Clinical Medicine</i> , 2019, 8, 1946.	2.4	51
23	First Evaluation of an Index of Low Vagally-Mediated Heart Rate Variability as a Marker of Health Risks in Human Adults: Proof of Concept. <i>Journal of Clinical Medicine</i> , 2019, 8, 1940.	2.4	47
24	Associations Between Supportive Leadership Behavior and the Costs of Absenteeism and Presenteeism. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 141-147.	1.7	46
25	Work Stress is Associated with Diabetes and Prediabetes: Cross-Sectional Results from the MIPH Industrial Cohort Studies. <i>International Journal of Behavioral Medicine</i> , 2013, 20, 495-503.	1.7	44
26	Decreased heart rate variability correlates to increased cardiovascular risk. <i>International Journal of Cardiology</i> , 2016, 203, 728-730.	1.7	40
27	Impact of Caffeine on Heart Rate Variability: A Systematic Review. <i>Journal of Caffeine Research</i> , 2013, 3, 22-37.	0.9	39
28	Psychometric properties and differential explanation of a short measure of effort-reward imbalance at work: A study of industrial workers in Germany. <i>American Journal of Industrial Medicine</i> , 2012, 55, 808-815.	2.1	38
29	Cluster-randomised trial evaluating a complex intervention to improve mental health and well-being of employees working in hospital – a protocol for the SEEGEN trial. <i>BMC Public Health</i> , 2019, 19, 1694.	2.9	37
30	Receptive Music Therapy for the Treatment of Depression: A Proof-of-Concept Study and Prospective Controlled Clinical Trial of Efficacy. <i>Psychotherapy and Psychosomatics</i> , 2010, 79, 321-322.	8.8	36
31	A streamlined approach for assessing the Allostatic Load Index in industrial employees. <i>Stress</i> , 2015, 18, 475-483.	1.8	32
32	Effort-reward imbalance is associated with the metabolic syndrome – Findings from the Mannheim Industrial Cohort Study (MICS). <i>International Journal of Cardiology</i> , 2015, 178, 24-28.	1.7	32
33	The Heart's rhythm – blues: Sex differences in circadian variation patterns of vagal activity vary by depressive symptoms in predominantly healthy employees. <i>Chronobiology International</i> , 2018, 35, 896-909.	2.0	32
34	Association of Vitamin D Levels with Type 2 Diabetes in Older Working Adults. <i>International Journal of Medical Sciences</i> , 2015, 12, 362-368.	2.5	30
35	The streamlined Allostatic Load Index: a replication of study results. <i>Stress</i> , 2016, 19, 553-558.	1.8	30
36	Pneumogastric (Vagus) Nerve Activity Indexed by Heart Rate Variability in Chronic Pain Patients Compared to Healthy Controls: A Systematic Review and Meta-Analysis. <i>Pain Physician</i> , 2016, 19, E55-78.	0.4	28

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37	Associations Between Supportive Leadership and Employees Self-Rated Health in an Occupational Sample. <i>International Journal of Behavioral Medicine</i> , 2014, 21, 750-756.	1.7	27
38	Potential biological pathways linking Type-D personality and poor health: A cross-sectional investigation. <i>PLoS ONE</i> , 2017, 12, e0176014.	2.5	27
39	Menstrual Cycle Changes in Vagally-Mediated Heart Rate Variability Are Associated with Progesterone: Evidence from Two Within-Person Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 617.	2.4	26
40	Lack of supportive leadership behavior predicts suboptimal self-rated health independent of job strain after 10 years of follow-up: findings from the population-based MONICA/KORA study. <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 623-631.	2.3	25
41	Lowered Parasympathetic Activity in Apparently Healthy Subjects with Self-Reported Symptoms of Pain: Preliminary Results from a Pilot Study. <i>Pain Practice</i> , 2015, 15, 314-318.	1.9	23
42	Heart Rate Variability and Swimming. <i>Sports Medicine</i> , 2014, 44, 1377-1391.	6.5	21
43	Predictive value of General Movement Assessment for preterm infants' development at 2 years' implementation in clinical routine in a non-academic setting. <i>Research in Developmental Disabilities</i> , 2017, 62, 69-80.	2.2	21
44	Changing Me, Changing Us: Relationship Quality and Collective Efficacy as Major Outcomes in Systemic Couple Therapy. <i>Family Process</i> , 2018, 57, 342-358.	2.6	21
45	Association strength of three adiposity measures with autonomic nervous system function in apparently healthy employees. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 879-882.	3.3	20
46	The Association of Work Stress and Glycemic Status Is Partially Mediated by Autonomic Nervous System Function: Cross-Sectional Results from the Mannheim Industrial Cohort Study (MICS). <i>PLoS ONE</i> , 2016, 11, e0160743.	2.5	20
47	Psychosocial Impact of the COVID-19 Pandemic on Healthcare Workers and Initial Areas of Action for Intervention and Prevention: The egePan/VOICE Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10531.	2.6	20
48	Prevention of Common Mental Disorders in Employees. Perspectives on Collaboration from Three Health Care Professions. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 278.	2.6	18
49	High-throughput ambulatory assessment of digital reactive hyperemia: Concurrent validity with known cardiovascular risk factors and potential confounding. <i>Preventive Medicine</i> , 2009, 49, 468-472.	3.4	17
50	Process analysis to reduce MRI access time at a German University Hospital. <i>International Journal for Quality in Health Care</i> , 2012, 24, 95-99.	1.8	17
51	Valacyclovir versus acyclovir for the treatment of herpes zoster ophthalmicus in immunocompetent patients. <i>The Cochrane Library</i> , 2016, 11, CD011503.	2.8	17
52	Behavioral depression is associated with increased vagally mediated heart rate variability in adult female cynomolgus monkeys ( <i>Macaca fascicularis</i> ). <i>International Journal of Psychophysiology</i> , 2018, 131, 139-143.	1.0	17
53	The Association of (Effective and Ineffective) Analgesic Intake, Pain Interference and Heart Rate Variability in a Cross-Sectional Occupational Sample. <i>Pain Medicine</i> , 2015, 16, 2261-2270.	1.9	15
54	Wireless Heart Rate Variability in Assessing Community COVID-19. <i>Frontiers in Neuroscience</i> , 2021, 15, 564159.	2.8	15

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55	Music Programs Designed to Remedy Burnout Symptoms Show Significant Effects after Five Weeks. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 422-425.	3.8	14
56	Employees' sleep duration and body mass index: Potential confounders. <i>Preventive Medicine</i> , 2009, 48, 467-470.	3.4	14
57	Comparison of in-person and digital photograph assessment of stage III and IV pressure ulcers among veterans with spinal cord injuries. <i>Journal of Rehabilitation Research and Development</i> , 2011, 48, 215.	1.6	14
58	Validation and extension of a simple questionnaire to assess physical activity in pre-school children. <i>Public Health Nutrition</i> , 2012, 15, 1611-1619.	2.2	14
59	Organizational Justice Is Related to Heart Rate Variability in White-Collar Workers, but Not in Blue-Collar Workers—Findings from a Cross-Sectional Study. <i>Annals of Behavioral Medicine</i> , 2015, 49, 434-448.	2.9	13
60	Enhancing Social Interaction in Depression (SIDE study): protocol of a randomised controlled trial on the effects of a Cognitively Based Compassion Training (CBCT) for couples. <i>BMJ Open</i> , 2018, 8, e020448.	1.9	13
61	Circadian Rhythms of the Autonomic Nervous System: Scientific Implication and Practical Implementation. , 0, , .		13
62	Changes in Working Conditions and Mental Health Among Intensive Care Physicians Across a Decade. <i>Frontiers in Psychiatry</i> , 2020, 11, 145.	2.6	13
63	Nighttime heart rate variability, overnight urinary norepinephrine, and glycemic status in apparently healthy human adults. <i>International Journal of Cardiology</i> , 2013, 168, 3025-3026.	1.7	12
64	Do our children lose vagus activity? Potential time trends of children's autonomic nervous system activity. <i>International Journal of Cardiology</i> , 2013, 170, e30-e32.	1.7	12
65	Anti-clockwise rotating shift work and health: Would you prefer 3-shift or 4-shift operation?. <i>American Journal of Industrial Medicine</i> , 2013, 56, 599-608.	2.1	12
66	Elevated HbA1c levels and the accumulation of differentiated T cells in CMV+ individuals. <i>Diabetologia</i> , 2015, 58, 2596-2605.	6.3	12
67	Music listening has no positive or negative effects on sleep quality of normal sleepers: Results of a randomized controlled trial. <i>Nordic Journal of Music Therapy</i> , 2013, 22, 233-242.	1.1	11
68	Daily commuting to work is not associated with variables of health. <i>Journal of Occupational Medicine and Toxicology</i> , 2016, 11, 12.	2.2	10
69	Circadian Rhythms, Sleep, and the Autonomic Nervous System. <i>Journal of Psychophysiology</i> , 2020, 34, 1-9.	0.7	10
70	Instructed Partnership Appreciation in Depression: Effects on Mood, Momentary Relationship Satisfaction, and Psychobiological Arousal. <i>Frontiers in Psychiatry</i> , 2020, 11, 701.	2.6	9
71	Is the adiposity-associated <i>FTO</i> gene variant related to all-cause mortality independent of adiposity? Meta-analysis of data from 169,551 Caucasian adults. <i>Obesity Reviews</i> , 2015, 16, 327-340.	6.5	8
72	The streamlined allostatic load index is associated with perceived stress in life " findings from the MIDUS study. <i>Stress</i> , 2021, 24, 1-9.	1.8	8

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73	Do Working Conditions of Patients in Psychotherapeutic Consultation in the Workplace Differ from Those in Outpatient Care? Results from an Observational Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 227.	2.6	7
74	24 h-Heart Rate Variability as a Communication Tool for a Personalized Psychosomatic Consultation in Occupational Health. <i>Frontiers in Neuroscience</i> , 2021, 15, 600865.	2.8	7
75	Retinal vessel analysis and heart rate variability. <i>International Journal of Cardiology</i> , 2014, 176, 1268-1269.	1.7	6
76	A case series on the potential effect of omega-3-fatty acid supplementation on 24-h heart rate variability and its circadian variation in children with attention deficit (hyperactivity) disorder. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2018, 10, 135-139.	1.7	6
77	Heart Rate Variability and Sensitivity to Experimentally Induced Pain: A Replication. <i>Pain Practice</i> , 2018, 18, 687-689.	1.9	6
78	Lower values of a novel index of Vagal-Neuroimmunomodulation are associated to higher all-cause mortality in two large general population samples with 18Åyear follow up. <i>Scientific Reports</i> , 2021, 11, 2554.	3.3	6
79	DCâ€œObesity: A New Model for Estimating Differential Lifetime Costs of Overweight and Obesity by Socioeconomic Status. <i>Obesity</i> , 2017, 25, 1603-1609.	3.0	5
80	The association of cortisol levels with leukocyte distribution is disrupted in the metabolic syndrome. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 78-84.	1.8	5
81	A software tool for prediction of prosthesis failure at the carpometacarpal joint of the thumb. <i>Journal of Hand Surgery: European Volume</i> , 2015, 40, 364-369.	1.0	4
82	Study protocol of the MUSED study: A randomized controlled trial to evaluate the psychobiological effects of group music therapy in women with depression. <i>Nordic Journal of Music Therapy</i> , 2021, 30, 131-156.	1.1	4
83	The mediating role of COVID-19-related burden in the association between adverse childhood experiences and emotional exhaustion: results of the egePan â€œ VOICE study. <i>HÅ†gre Utbildning</i> , 2021, 12, 1976441.	3.0	4
84	Effectiveness and cost effectiveness of a stress management training for leaders of small and medium sized enterprises â€œ study protocol for a randomized controlled-trial. <i>BMC Public Health</i> , 2021, 21, 468.	2.9	4
85	Corrigendum to â€œThe CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studiesâ€•[PNEC 73C (2016) 16â€œ23]. <i>Psychoneuroendocrinology</i> , 2017, 76, 226-227.	2.7	3
86	Association of the Salivary Microbiome With Animal Contact During Early Life and Stress-Induced Immune Activation in Healthy Participants. <i>Frontiers in Psychiatry</i> , 2020, 11, 353.	2.6	3
87	Effort-Reward-Imbalance, Burnout, and Depression Among Psychiatrists 2006 and 2016-Changes After a Legislative Intervention. <i>Frontiers in Psychiatry</i> , 2021, 12, 641912.	2.6	3
88	Heart Rate Variability and Cocaine: a Systematic Review of Human Studies. <i>Archives of Neuroscience</i> , 0, , .	0.3	3
89	Stress Management Intervention for Leaders Increases Nighttime SDANN: Results from a Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3841.	2.6	3
90	Heightened Stress Reactivity in Response to an Attachment Related Stressor in Patients With Medically Treated Primary Hypertension. <i>Frontiers in Psychiatry</i> , 2021, 12, 718919.	2.6	2

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91	Work Stress and Autonomic Nervous System Activity. , 2020, , 1-33.		2
92	Work Stress and Autonomic Nervous System Activity. Handbook Series in Occupational Health Sciences, 2020, , 625-656.	0.1	2
93	FC10-04 - Efficacy of auditory stimulation programs for the treatment of depression, dysthymia and symptoms of burnout - RCT results. European Psychiatry, 2011, 26, 1867-1867.	0.2	1
94	The Quick Inventory of Pain Symptoms (QIPS). SAGE Open, 2014, 4, 215824401455662.	1.7	1
95	Within-person change in cardiac vagal activity across the menstrual cycle: A meta-analysis. Psychoneuroendocrinology, 2019, 100, S17.	2.7	1
96	The association between supportive social ties and autonomic nervous system functionâ€”differences between family ties and friendship ties in a cohort of older adults. European Journal of Ageing, 2022, 19, 263-276.	2.8	1
97	Body mass index is related to autonomic nervous system activity as measured by heart rate variability â€” A replication using short term measurements. Journal of Nutrition, Health and Aging, 0, , .	3.3	1
98	A new way to measure partner burden in depression: Construction, validation, and sensitivity to change of the partner burden in depression questionnaire. Journal of Marital and Family Therapy, 2022, 48, 1111-1127.	1.1	1
99	Change Mechanism of Cognitively-Based Compassion Training for Couples with Depression: An Exploratory Empirical Investigation of Process Variables. , 2022, , .		1
100	Occupational determinants identify groups of non-utilizers of Health Prevention Programs - Results from the Mannheim Industrial Cohort Study (MICS). European Journal of Public Health, 2014, 24, .	0.3	0
101	Only by the Night: A Closer Look at Parasympathetic Nervous System Dysregulation in Chronic Pain. Pain Practice, 2017, 17, 568-569.	1.9	0
102	Commentary on â€œHeart Rate Variability and Risk of All-Cause Death and Cardiovascular Events in Patients With Cardiovascular Disease: A Meta-Analysis of Cohort Studiesâ€• Biological Research for Nursing, 2020, 22, 418-420.	1.9	0
103	Association of open-plan offices and sick leave - a systematic review and meta-analysis. Industrial Health, 2022, , .	1.0	0