Marc N Jarczok

List of Publications by Year
in descending order

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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	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
2	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
3	Stress Management Intervention for Leaders Increases Nighttime SDANN: Results from a Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2022, 19, 3841.	2.6	3
4	Change Mechanism of Cognitively-Based Compassion Training for Couples with Depression: An Exploratory Empirical Investigation of Process Variables. , 2022, , .		1
5	Association of open-plan offices and sick leave - a systematic review and meta-analysis. Industrial Health, 2022, , .	1.0	0
6	Study protocol of the MUSED study: A randomized controlled trial to evaluate the psychobiological effects of group music therapy in women with depression. Nordic Journal of Music Therapy, 2021, 30, 131-156.	1.1	4
7	How to study the menstrual cycle: Practical tools and recommendations. Psychoneuroendocrinology, 2021, 123, 104895.	2.7	123
8	The mediating role of COVID-19-related burden in the association between adverse childhood experiences and emotional exhaustion: results of the egePan â€“ VOICE study. HÃ¶gre Utbildning, 2021, 12, 1976441.	3.0	4
9	The association of cortisol levels with leukocyte distribution is disrupted in the metabolic syndrome. Obesity Research and Clinical Practice, 2021, 15, 78-84.	1.8	5
10	24 h-Heart Rate Variability as a Communication Tool for a Personalized Psychosomatic Consultation in Occupational Health. Frontiers in Neuroscience, 2021, 15, 600865.	2.8	7
11	Effectiveness and cost effectiveness of a stress management training for leaders of small and medium sized enterprises â€“ study protocol for a randomized controlled-trial. BMC Public Health, 2021, 21, 468.	2.9	4
12	Effort-Reward-Imbalance, Burnout, and Depression Among Psychiatrists 2006 and 2016-Changes After a Legislative Intervention. Frontiers in Psychiatry, 2021, 12, 641912.	2.6	3
13	Wireless Heart Rate Variability in Assessing Community COVID-19. Frontiers in Neuroscience, 2021, 15, 564159.	2.8	15
14	Heightened Stress Reactivity in Response to an Attachment Related Stressor in Patients With Medically Treated Primary Hypertension. Frontiers in Psychiatry, 2021, 12, 718919.	2.6	2
15	The streamlined allostatic load index is associated with perceived stress in life â€“ findings from the MIDUS study. Stress, 2021, 24, 1-9.	1.8	8
16	Lower values of a novel index of Vagal-Neuroimmunomodulation are associated to higher all-cause mortality in two large general population samples with 18Âyear follow up. Scientific Reports, 2021, 11, 2554.	3.3	6
17	Psychosocial Impact of the COVID-19 Pandemic on Healthcare Workers and Initial Areas of Action for Intervention and Preventionâ€"The egePan/VOICE Study. International Journal of Environmental Research and Public Health, 2021, 18, 10531.	2.6	20
18	Heart rate variability (HRV): From brain death to resonance breathing at 6 breaths per minute. Clinical Neurophysiology, 2020, 131, 676-693.	1.5	76

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19	Instructed Partnership Appreciation in Depression: Effects on Mood, Momentary Relationship Satisfaction, and Psychobiological Arousal. Frontiers in Psychiatry, 2020, 11, 701.	2.6	9
20	Association of the Salivary Microbiome With Animal Contact During Early Life and Stress-Induced Immune Activation in Healthy Participants. Frontiers in Psychiatry, 2020, 11, 353.	2.6	3
21	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
22	Menstrual Cycle Changes in Vagally-Mediated Heart Rate Variability Are Associated with Progesterone: Evidence from Two Within-Person Studies. Journal of Clinical Medicine, 2020, 9, 617.	2.4	26
23	Changes in Working Conditions and Mental Health Among Intensive Care Physicians Across a Decade. Frontiers in Psychiatry, 2020, 11, 145.	2.6	13
24	Work Stress and Autonomic Nervous System Activity. , 2020, , 1-33.		2
25	Circadian Rhythms, Sleep, and the Autonomic Nervous System. Journal of Psychophysiology, 2020, 34, 1-9.	0.7	10
26	Work Stress and Autonomic Nervous System Activity. Handbook Series in Occupational Health Sciences, 2020, , 625-656.	0.1	2
27	First Evaluation of an Index of Low Vagally-Mediated Heart Rate Variability as a Marker of Health Risks in Human Adults: Proof of Concept. Journal of Clinical Medicine, 2019, 8, 1940.	2.4	47
28	Within-person change in cardiac vagal activity across the menstrual cycle: A meta-analysis. Psychoneuroendocrinology, 2019, 100, S17.	2.7	1
29	Heart rate variability and inflammation: A meta-analysis of human studies. Brain, Behavior, and Immunity, 2019, 80, 219-226.	4.1	204
30	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. Journal of Clinical Medicine, 2019, 8, 1946.	2.4	51
31	Cluster-randomised trial evaluating a complex intervention to improve mental health and well-being of employees working in hospital â€“ a protocol for the SEEGEN trial. BMC Public Health, 2019, 19, 1694.	2.9	37
32	Less immune activation following social stress in rural vs. urban participants raised with regular or no animal contact, respectively. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5259-5264.	7.1	62
33	The HeartÂ´s rhythm â€˜nâ€™ blues: Sex differences in circadian variation patterns of vagal activity vary by depressive symptoms in predominantly healthy employees. Chronobiology International, 2018, 35, 896-909.	2.0	32
34	Changing Me, Changing Us: Relationship Quality and Collective Efficacy as Major Outcomes in Systemic Couple Therapy. Family Process, 2018, 57, 342-358.	2.6	21
35	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. ADHD Attention Deficit and Hyperactivity Disorders, 2018, 10, 135-139.	1.7	6
36	Heart Rate Variability and Sensitivity to Experimentally Induced Pain: A Replication. Pain Practice, 2018, 18, 687-689.	1.9	6

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37	Behavioral depression is associated with increased vagally mediated heart rate variability in adult female cynomolgus monkeys (Macaca fascicularis). International Journal of Psychophysiology, 2018, 131, 139-143.	1.0	17
38	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. BMJ Open, 2018, 8, e020448.	1.9	13
39	Do Working Conditions of Patients in Psychotherapeutic Consultation in the Workplace Differ from Those in Outpatient Care? Results from an Observational Study. International Journal of Environmental Research and Public Health, 2018, 15, 227.	2.6	7
40	Prevention of Common Mental Disorders in Employees. Perspectives on Collaboration from Three Health Care Professions. International Journal of Environmental Research and Public Health, 2018, 15, 278.	2.6	18
41	Lack of supportive leadership behavior predicts suboptimal self-rated health independent of job strain after 10Âyears of follow-up: findings from the population-based MONICA/KORA study. International Archives of Occupational and Environmental Health, 2018, 91, 623-631.	2.3	25
42	Twoâ€week testâ€“retest reliability of the <scp>P</scp>olar^{Â®}<scp>RS</scp>800<scp>CX</scp>^{â„¢} toÂrecord heart rate variability. Clinical Physiology and Functional Imaging, 2017, 37, 776-781.	1.2	55
43	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€“23]. Psychoneuroendocrinology, 2017, 76, 226-227.	2.7	3
44	Predictive value of General Movement Assessment for preterm infantsâ€™ development at 2 years â^' implementation in clinical routine in a non-academic setting. Research in Developmental Disabilities, 2017, 62, 69-80.	2.2	21
45	Only by the Night: A Closer Look at Parasympathetic Nervous System Dysregulation in Chronic Pain. Pain Practice, 2017, 17, 568-569.	1.9	0
46	Associations Between Supportive Leadership Behavior and the Costs of Absenteeism and Presenteeism. Journal of Occupational and Environmental Medicine, 2017, 59, 141-147.	1.7	46
47	DCâ€Obesity: A New Model for Estimating Differential Lifetime Costs of Overweight and Obesity by Socioeconomic Status. Obesity, 2017, 25, 1603-1609.	3.0	5
48	Potential biological pathways linking Type-D personality and poor health: A cross-sectional investigation. PLoS ONE, 2017, 12, e0176014.	2.5	27
49	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). PLoS ONE, 2016, 11, e0160743.	2.5	20
50	Chronic Pain and Heart Rate Variability in a Cross-Sectional Occupational Sample. Clinical Journal of Pain, 2016, 32, 218-225.	1.9	57
51	The streamlined Allostatic Load Index: a replication of study results. Stress, 2016, 19, 553-558.	1.8	30
52	The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies. Psychoneuroendocrinology, 2016, 73, 16-23.	2.7	160
53	Valacyclovir versus acyclovir for the treatment of herpes zoster ophthalmicus in immunocompetent patients. The Cochrane Library, 2016, 11, CD011503.	2.8	17
54	Daily commuting to work is not associated with variables of health. Journal of Occupational Medicine and Toxicology, 2016, 11, 12.	2.2	10

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55	Decreased heart rate variability correlates to increased cardiovascular risk. International Journal of Cardiology, 2016, 203, 728-730.	1.7	40
56	Pneumogastric (Vagus) Nerve Activity Indexed by Heart Rate Variability in Chronic Pain Patients Compared to Healthy Controls: A Systematic Review and Meta-Analysis. Pain Physician, 2016, 19, E55-78.	0.4	28
57	The Association of (Effective and Ineffective) Analgesic Intake, Pain Interference and Heart Rate Variability in a Cross-Sectional Occupational Sample. Pain Medicine, 2015, 16, 2261-2270.	1.9	15
58	Measuring allostatic load in the workforce: a systematic review. Industrial Health, 2015, 53, 5-20.	1.0	89
59	Association of Vitamin D Levels with Type 2 Diabetes in Older Working Adults. International Journal of Medical Sciences, 2015, 12, 362-368.	2.5	30
60	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. PLoS ONE, 2015, 10, e0117196.	2.5	99
61	Organizational Justice Is Related to Heart Rate Variability in White-Collar Workers, but Not in Blue-Collar Workersâ€"Findings from a Cross-Sectional Study. Annals of Behavioral Medicine, 2015, 49, 434-448.	2.9	13
62	Is the adiposityâ€associated <scp>FTO</scp> gene variant related to allâ€cause mortality independent of adiposity? Metaâ€analysis of data from 169,551 <scp>C</scp>aucasian adults. Obesity Reviews, 2015, 16, 327-340.	6.5	8
63	Association strength of three adiposity measures with autonomic nervous system function in apparently healthy employees. Journal of Nutrition, Health and Aging, 2015, 19, 879-882.	3.3	20
64	A software tool for prediction of prosthesis failure at the carpometacarpal joint of the thumb. Journal of Hand Surgery: European Volume, 2015, 40, 364-369.	1.0	4
65	A streamlined approach for assessing the Allostatic Load Index in industrial employees. Stress, 2015, 18, 475-483.	1.8	32
66	Lowered Parasympathetic Activity in Apparently Healthy Subjects with Selfâ€Reported Symptoms of Pain: Preliminary Results from a Pilot Study. Pain Practice, 2015, 15, 314-318.	1.9	23
67	Elevated HbA1c levels and the accumulation of differentiated T cells in CMV+ individuals. Diabetologia, 2015, 58, 2596-2605.	6.3	12
68	Three job stress models and their relationship with musculoskeletal pain in blue- and white-collar workers. Journal of Psychosomatic Research, 2015, 79, 340-347.	2.6	52
69	Effortâ€"reward imbalance is associated with the metabolic syndrome â€" Findings from the Mannheim Industrial Cohort Study (MICS). International Journal of Cardiology, 2015, 178, 24-28.	1.7	32
70	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
71	Twoâ€Week Testâ€"Retest Stability of the Cold Pressor Task Procedure at two different Temperatures as a Measure of Pain Threshold and Tolerance. Pain Practice, 2014, 14, E126-35.	1.9	51
72	Consistent associations between measures of psychological stress and CMV antibody levels in a large occupational sample. Brain, Behavior, and Immunity, 2014, 38, 133-141.	4.1	67

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73	Heart rate variability and experimentally induced pain in healthy adults: A systematic review. European Journal of Pain, 2014, 18, 301-314.	2.8	173
74	Heart Rate Variability and Swimming. Sports Medicine, 2014, 44, 1377-1391.	6.5	21
75	Associations Between Supportive Leadership and Employees Self-Rated Health in an Occupational Sample. International Journal of Behavioral Medicine, 2014, 21, 750-756.	1.7	27
76	Lower heart rate variability predicts increased level of Câ€•reactive protein 4Âyears later in healthy, nonsmoking adults. Journal of Internal Medicine, 2014, 276, 667-671.	6.0	59
77	Retinal vessel analysis and heart rate variability. International Journal of Cardiology, 2014, 176, 1268-1269.	1.7	6
78	Community-based efforts to promote physical activity: A systematic review of interventions considering mode of delivery, study quality and population subgroups. Journal of Science and Medicine in Sport, 2014, 17, 276-282.	1.3	92
79	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, 2014, 18, 300-302.	3.3	146
80	The Quick Inventory of Pain Symptoms (QIPS). SAGE Open, 2014, 4, 215824401455662.	1.7	1
81	Work Stress is Associated with Diabetes and Prediabetes: Cross-Sectional Results from the MIPH Industrial Cohort Studies. International Journal of Behavioral Medicine, 2013, 20, 495-503.	1.7	44
82	Nighttime heart rate variability, overnight urinary norepinephrine, and glycemic status in apparently healthy human adults. International Journal of Cardiology, 2013, 168, 3025-3026.	1.7	12
83	Do our children lose vagus activity? Potential time trends of children's autonomic nervous system activity. International Journal of Cardiology, 2013, 170, e30-e32.	1.7	12
84	Heart Rate Variability is Associated with Glycemic Status After Controlling for Components of the Metabolic Syndrome. International Journal of Cardiology, 2013, 167, 855-861.	1.7	67
85	Autonomic nervous system activity and workplace stressorsâ€"A systematic review. Neuroscience and Biobehavioral Reviews, 2013, 37, 1810-1823.	6.1	179
86	Impact of Caffeine on Heart Rate Variability: A Systematic Review. Journal of Caffeine Research, 2013, 3, 22-37.	0.9	39
87	Antiâ€clockwise rotating shift work and health: Would you prefer 3â€shift or 4â€shift operation?. American Journal of Industrial Medicine, 2013, 56, 599-608.	2.1	12
88	Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors. European Heart Journal, 2013, 34, 2368-2380.	2.2	228
89	Music listening has no positive or negative effects on sleep quality of normal sleepers: Results of a randomized controlled trial. Nordic Journal of Music Therapy, 2013, 22, 233-242.	1.1	11
90	Validation and extension of a simple questionnaire to assess physical activity in pre-school children. Public Health Nutrition, 2012, 15, 1611-1619.	2.2	14

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91	Process analysis to reduce MRI access time at a German University Hospital. International Journal for Quality in Health Care, 2012, 24, 95-99.	1.8	17
92	Psychometric properties and differential explanation of a short measure of effortâ€“reward imbalance at work: A study of industrial workers in Germany. American Journal of Industrial Medicine, 2012, 55, 808-815.	2.1	38
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	Comparison of in-person and digital photograph assessment of stage III and IV pressure ulcers among veterans with spinal cord injuries. Journal of Rehabilitation Research and Development, 2011, 48, 215.	1.6	14
95	Receptive Music Therapy for the Treatment of Depression: A Proof-of-Concept Study and Prospective Controlled Clinical Trial of Efficacy. Psychotherapy and Psychosomatics, 2010, 79, 321-322.	8.8	36
96	The fruits of ones labor: Effortâ€“reward imbalance but not job strain is related to heart rate variability across the day in 35â€“44-year-old workers. Journal of Psychosomatic Research, 2010, 69, 151-159.	2.6	61
97	Optimising lifestyle interventions: identification of health behaviour patterns by cluster analysis in a German 50+ survey. European Journal of Public Health, 2009, 19, 271-277.	0.3	72
98	Music Programs Designed to Remedy Burnout Symptoms Show Significant Effects after Five Weeks. Annals of the New York Academy of Sciences, 2009, 1169, 422-425.	3.8	14
99	Employees' sleep duration and body mass index: Potential confounders. Preventive Medicine, 2009, 48, 467-470.	3.4	14
100	High-throughput ambulatory assessment of digital reactive hyperemia: Concurrent validity with known cardiovascular risk factors and potential confounding. Preventive Medicine, 2009, 49, 468-472.	3.4	17
101	Circadian Rhythms of the Autonomic Nervous System: Scientific Implication and Practical Implementation. , 0, , .		13
102	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
103	Heart Rate Variability and Cocaine: a Systematic Review of Human Studies. Archives of Neuroscience, 0, , .	0.3	3