Andreas Richard Schwerdtfeger

List of Publications by Year
in descending order

80 papers	2,021 citations	331670 21 h-index	289244 40 g-index
91 all docs	91 docs citations	91 times ranked	2286 citing authors

#	Article	IF	Citations
1	Resilience moderates the relationship between the psychological impact of COVID-19 and anxiety. Psychology, Health and Medicine, 2023, 28, 1861-1872.	2.4	16
2	Insights â€“ Future Implications of Passive Smartphone Sensing in the Therapeutic Context. Verhaltenstherapie, 2022, 32, 86-95.	0.4	12
3	Negative respiratory sinus arrhythmia (nRSA) in the MRI-scanner - a physiologic phenomenon observed during elevated anxiety in healthy persons. Physiology and Behavior, 2022, 245, 113676.	2.1	7
4	A laboratory medical anamnesis interview elicits psychological and physiological arousal. Stress, 2022, 25, 57-66.	1.8	0
5	Feelings from the Heart Part II: Simulation and Validation of Static and Dynamic HRV Decrease-Trigger Algorithms to Detect Stress in Firefighters. Sensors, 2022, 22, 2925.	3.8	6
6	Singing at 0.1 Hz as a Resonance Frequency Intervention to Reduce Cardiovascular Stress Reactivity?. Frontiers in Psychiatry, 2022, 13, 876344.	2.6	1
7	Acute and Chronic Physical Activity Increases Creative Ideation Performance: A Systematic Review and Multilevel Meta-analysis. Sports Medicine - Open, 2022, 8, 62.	3.1	14
8	Disentangling the Causal Structure Between Social Trust, Institutional Trust, and Subjective Well-Being. Social Indicators Research, 2022, 163, 1323-1348.	2.7	3
9	Squeeze the beat: Enhancing cardiac vagal activity during resonance breathing via coherent pelvic floor recruitment. Psychophysiology, 2022, 59, .	2.4	5
10	A brief positive psychological intervention prior to a potentially stressful task facilitates more challengeâ€like cardiovascular reactivity in high trait anxious individuals. Psychophysiology, 2021, 58, e13709.	2.4	2
11	Does contingent biofeedback improve cardiac interoception? A preregistered replication of Meyerholz, Irzinger, WithÃ¶ft, Gerlach, and Pohl (2019) using the heartbeat discrimination task in a randomised control trial. PLoS ONE, 2021, 16, e0248246.	2.5	10
12	Brain activation during the observation of real soccer game situations predicts creative goal scoring. Social Cognitive and Affective Neuroscience, 2021, 16, 707-715.	3.0	7
13	Life events are associated with elevated heart rate and reduced heart complexity to acute psychological stress. Biological Psychology, 2021, 163, 108116.	2.2	9
14	Feelings from the heart: Developing HRV decreaseâ€trigger algorithms via multilevel hyperplane simulation to detect psychosocially meaningful episodes in everyday life. Psychophysiology, 2021, 58, e13914.	2.4	13
15	Physiological linkage during interactions between doctors and cancer patients. Social Science and Medicine, 2021, 284, 114220.	3.8	5
16	Online consultations in mental healthcare during the COVID-19 outbreak: An international survey study on professionals' motivations and perceived barriers. Internet Interventions, 2021, 25, 100405.	2.7	51
17	Short-term fasting induced changes in HRV are associated with interoceptive accuracy: Evidence from two independent within-subjects studies. Physiology and Behavior, 2021, 241, 113558.	2.1	5
18	The conscientiousness-health link in depression: Results from a path analysis. Journal of Affective Disorders, 2021, 295, 1220-1228.	4.1	4

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19	Processing of fMRI-related anxiety and bi-directional information flow between prefrontal cortex and brain stem. Scientific Reports, 2021, 11, 22348.	3.3	10
20	Cancer classification using machine learning and HRV analysis: preliminary evidence from a pilot study. Scientific Reports, 2021, 11, 22292.	3.3	6
21	Evaluation of a Newly Developed Smartphone App for Risk Factor Management in Young Patients With Ischemic Stroke: A Pilot Study. Frontiers in Neurology, 2021, 12, 791545.	2.4	6
22	Heart rate variability (HRV): From brain death to resonance breathing at 6 breaths per minute. Clinical Neurophysiology, 2020, 131, 676-693.	1.5	76
23	Functional coupling of brain networks during creative idea generation and elaboration in the figural domain. NeuroImage, 2020, 207, 116395.	4.2	27
24	Autonomic dysfunction in posttraumatic stress disorder indexed by heart rate variability: a meta-analysis. Psychological Medicine, 2020, 50, 1937-1948.	4.5	105
25	Verification of a Central Pacemaker in Brain Stem by Phase-Coupling Analysis Between HR Interval- and BOLD-Oscillations in the 0.10â€“0.15 Hz Frequency Band. Frontiers in Neuroscience, 2020, 14, 922.	2.8	18
26	Everyday bodily movement is associated with creativity independently from active positive affect: a Bayesian mediation analysis approach. Scientific Reports, 2020, 10, 11985.	3.3	13
27	Implementing Mobile HRV Biofeedback as Adjunctive Therapy During Inpatient Psychiatric Rehabilitation Facilitates Recovery of Depressive Symptoms and Enhances Autonomic Functioning Short-Term: A 1-Year Preâ€“Post-intervention Follow-Up Pilot Study. Frontiers in Neuroscience, 2020, 14, 738.	2.8	19
28	Psychological correlates of COVID-19 pandemic in the Austrian population. BMC Public Health, 2020, 20, 1395.	2.9	84
29	Female and male soccer players recruited different cognitive processes when generating creative soccer moves. Psychology of Sport and Exercise, 2020, 50, 101748.	2.1	7
30	A shy heart may benefit from everyday life social interactions with close others: An ecological momentary assessment trial using Bayesian multilevel modeling. Biological Psychology, 2020, 152, 107864.	2.2	8
31	Episodes of momentary resilience in daily life are associated with HRV reductions to stressful operations in firefighters: an ambulatory assessment approach using bayesian multilevel modeling. Journal of Positive Psychology, 2019, 14, 593-602.	4.0	16
32	Insights: AnwendungsmÃ¶glichkeiten von passivem Smartphone-Tracking im therapeutischen Kontext. Verhaltenstherapie, 2019, 29, 155-165.	0.4	11
33	â€œSwitch-Offâ€•of Respiratory Sinus Arrhythmia May Be Associated With the Activation of an Oscillatory Source (Pacemaker) in the Brain Stem. Frontiers in Physiology, 2019, 10, 939.	2.8	14
34	Creative challenge: Regular exercising moderates the association between task-related heart rate variability changes and individual differences in originality. PLoS ONE, 2019, 14, e0220205.	2.5	6
35	Interoceptive awareness and perceived control moderate the relationship between cognitive reappraisal, self-esteem, and cardiac activity in daily life. International Journal of Psychophysiology, 2019, 141, 84-92.	1.0	17
36	Learning Unicycling Evokes Manifold Changes in Gray and White Matter Networks Related to Motor and Cognitive Functions. Scientific Reports, 2019, 9, 4324.	3.3	14

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37	Psychophysiological concomitants of burnout: Evidence for different subtypes. Journal of Psychosomatic Research, 2019, 118, 41-48.	2.6	17
38	Creativity is associated with a characteristic U-shaped function of alpha power changes accompanied by an early increase in functional coupling. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1012-1021.	2.0	45
39	Impact of humorâ€related communication elements in natural dyadic interactions on interpersonal physiological synchrony. Psychophysiology, 2019, 56, e13320.	2.4	9
40	Synchronization of intrinsic 0.1â€Hz bloodâ€oxygenâ€levelâ€dependent oscillations in amygdala and prefrontal cortex in subjects with increased state anxiety. European Journal of Neuroscience, 2018, 47, 417-426.	2.6	21
41	â€œSwitch-Offâ€•of Respiratory Sinus Arrhythmia Can Occur in a Minority of Subjects During Functional Magnetic Resonance Imaging (fMRI). Frontiers in Physiology, 2018, 9, 1688.	2.8	17
42	MRI-related anxiety in healthy individuals, intrinsic BOLD oscillations at 0.1 Hz in precentral gyrus and insula, and heart rate variability in low frequency bands. PLoS ONE, 2018, 13, e0206675.	2.5	9
43	Heart rate variability and impact of central pacemaker on cardiac activity. Clinical Neurophysiology, 2018, 129, 2188-2190.	1.5	3
44	Burnout of the Mind â€“ Burnout of the Body?. Journal of Psychophysiology, 2018, 32, 30-42.	0.7	5
45	Life Satisfaction and Hemodynamic Reactivity to Mental Stress. Annals of Behavioral Medicine, 2017, 51, 464-469.	2.9	6
46	Brainâ€“heart communication: Evidence for â€œcentral pacemakerâ€•oscillations with a dominant frequency at 0.1 Hz in the cingulum. Clinical Neurophysiology, 2017, 128, 183-193.	1.5	52
47	Distinction between Neural and Vascular BOLD Oscillations and Intertwined Heart Rate Oscillations at 0.1 Hz in the Resting State and during Movement. PLoS ONE, 2017, 12, e0168097.	2.5	19
48	When rumination counts: Perceived social support and heart rate variability in daily life. Psychophysiology, 2016, 53, 1034-1043.	2.4	34
49	The ecological validity of the autonomic-subjective response dissociation in repressive coping. Anxiety, Stress and Coping, 2016, 29, 241-258.	2.9	12
50	Cognitive Avoidant Coping Is Associated with Higher Carotid Intima Media Thickness Among Middle-Aged Adults. International Journal of Behavioral Medicine, 2015, 22, 597-604.	1.7	1
51	Daily Positive Affect and Nocturnal Cardiac Activation. International Journal of Behavioral Medicine, 2015, 22, 132-138.	1.7	10
52	Body Position Influences Cardiovascular Disgust Reactivity. Journal of Psychophysiology, 2015, 29, 73-79.	0.7	2
53	Does cardiac reactivity in the laboratory predict ambulatory heart rate? Baseline counts. Psychophysiology, 2014, 51, 565-572.	2.4	6
54	The manifold effects of positive affect on heart rate variability in everyday life: Distinguishing within-person and between-person associations.. Health Psychology, 2014, 33, 1065-1073.	1.6	52

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55	Is the blunted blood pressure reactivity in dysphoric individuals related to attenuated behavioral approach?. International Journal of Psychophysiology, 2013, 90, 58-65.	1.0	10
56	Self-esteem fluctuations and cardiac vagal control in everyday life. International Journal of Psychophysiology, 2012, 83, 328-335.	1.0	14
57	Using Text Messages to Bridge the Intention-Behavior Gap? A Pilot Study on the Use of Text Message Reminders to Increase Objectively Assessed Physical Activity in Daily Life. Frontiers in Psychology, 2012, 3, 270.	2.1	31
58	Depressive symptoms and attenuated physiological reactivity to laboratory stressors. Biological Psychology, 2011, 87, 430-438.	2.2	76
59	The Conjoined Effect of Naturalistic Perceived Available Support and Enacted Support on Cardiovascular Reactivity During a Laboratory Stressor. Annals of Behavioral Medicine, 2011, 42, 64-78.	2.9	23
60	Momentary Affect Predicts Bodily Movement in Daily Life: An Ambulatory Monitoring Study. Journal of Sport and Exercise Psychology, 2010, 32, 674-693.	1.2	63
61	Digit ratio (2D:4D) is associated with traffic violations for male frequent car drivers. Accident Analysis and Prevention, 2010, 42, 269-274.	5.7	36
62	The time line of threat processing and vagal withdrawal in response to a self-threatening stressor in cognitive avoidant copers: Evidence for vigilance-avoidance theory. Psychophysiology, 2010, 47, 786-95.	2.4	17
63	Comparing indirect methods of digit ratio (2D:4D) measurement. American Journal of Human Biology, 2009, 21, 188-191.	1.6	89
64	Social interaction moderates the relationship between depressive mood and heart rate variability: Evidence from an ambulatory monitoring study.. Health Psychology, 2009, 28, 501-509.	1.6	83
65	Lymphadenomatous carcinoma of the sublingual gland: Report of a first case in an unusual localization. Head and Neck, 2008, 30, 1394-1398.	2.0	4
66	Second to fourth digit ratio (2D:4D) of the right hand is associated with nociception and augmenting-reducing. Personality and Individual Differences, 2008, 45, 493-497.	2.9	14
67	Self-efficacy as a health-protective resource in teachers? A biopsychological approach.. Health Psychology, 2008, 27, 358-368.	1.6	70
68	Individual Differences in Auditory, Pain, and Motor Stimulation. Journal of Individual Differences, 2007, 28, 165-177.	1.0	3
69	Avoidant coping, verbal-autonomic response dissociation and pain tolerance. Psychology and Health, 2006, 21, 367-382.	2.2	9
70	Trait anxiety and autonomic indicators of the processing of threatening information: A cued S1â€“S2 paradigm. Biological Psychology, 2006, 72, 59-66.	2.2	17
71	Verbal-autonomic response dissociations as traits?. Biological Psychology, 2006, 72, 213-221.	2.2	10
72	Spontaneous emotion regulation during evaluated speaking tasks: Associations with negative affect, anxiety expression, memory, and physiological responding.. Emotion, 2006, 6, 356-366.	1.8	232

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73	Interactive effects of avoidant coping and parental hypertension on Rate Pressure Product reactivity in women. Annals of Behavioral Medicine, 2005, 29, 106-115.	2.9	14
74	Temporal Stability of the Implicit Association Test-Anxiety. Journal of Personality Assessment, 2005, 84, 82-88.	2.1	86
75	Repressive Coping Style and the Significance of Verbal-Autonomic Response Dissociations. Advances in Psychology, 2004, 136, 239-278.	0.1	28
76	Fast reducers, slow augmenters: a psychophysiological analysis of temperament-related differences in reaction time. International Journal of Psychophysiology, 2004, 52, 225-237.	1.0	7
77	Predicting autonomic reactivity to public speaking: don't get fixed on self-report data!. International Journal of Psychophysiology, 2004, 52, 217-224.	1.0	72
78	Using affective pictures instead of white noise: still different response patterns for Petrie-style augmenters and reducers?. Personality and Individual Differences, 2003, 34, 253-262.	2.9	5
79	Augmentingâ€“reducing paradox lost? A test of Davis et al.'s (1983) hypothesis. Personality and Individual Differences, 2002, 32, 257-271.	2.9	9
80	Online Consultations in Mental Healthcare During the Covid-19 Outbreak: An International Survey Study on Professionalsâ€™ Motivations and Perceived Barriers (Preprint). JMIR Formative Research, 0, , .	1.4	1