

Stefan SÃ¼tterlin

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,892
citations

279487

23
h-index

301761

39
g-index

89
all docs

89
docs citations

89
times ranked

2380
citing authors

#	ARTICLE	IF	CITATIONS
1	ARTiiFACT: a tool for heart rate artifact processing and heart rate variability analysis. <i>Behavior Research Methods</i> , 2011, 43, 1161-1170.	2.3	235
2	Affective Instability in Daily Life Is Predicted by Resting Heart Rate Variability. <i>PLoS ONE</i> , 2013, 8, e81536.	1.1	104
3	Cold pressor stress induces opposite effects on cardioceptive accuracy dependent on assessment paradigm. <i>Biological Psychology</i> , 2013, 93, 167-174.	1.1	90
4	Rumination and Age: Some Things Get Better. <i>Journal of Aging Research</i> , 2012, 2012, 1-10.	0.4	81
5	Implicit Gender Stereotypes and Essentialist Beliefs Predict Preservice Teachers'™ Tracking Recommendations. <i>Journal of Experimental Education</i> , 2016, 84, 152-174.	1.6	81
6	Resting Heart Rate Variability Predicts Safety Learning and Fear Extinction in an Interoceptive Fear Conditioning Paradigm. <i>PLoS ONE</i> , 2014, 9, e105054.	1.1	68
7	Effects of Music on Agitation in Dementia: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2017, 8, 742.	1.1	60
8	Emotional Inertia is Associated with Lower Well-Being when Controlling for Differences in Emotional Context. <i>Frontiers in Psychology</i> , 2015, 6, 1997.	1.1	58
9	Cognitive, Emotional, and Psychosocial Functioning of Girls Treated with Pharmacological Puberty Blockage for Idiopathic Central Precocious Puberty. <i>Frontiers in Psychology</i> , 2016, 7, 1053.	1.1	58
10	The Association between Work-Related Rumination and Heart Rate Variability: A Field Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 27.	1.0	44
11	Virtual and Augmented Reality in Social Skills Interventions for Individuals with Autism Spectrum Disorder: A Scoping Review. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 4692-4707.	1.7	40
12	Effects of resting heart rate variability on performance in the P300 brain-computer interface. <i>International Journal of Psychophysiology</i> , 2012, 83, 336-341.	0.5	39
13	Emotion regulatory function of parent attention to child pain and associated implications for parental pain control behaviour. <i>Pain</i> , 2014, 155, 1453-1463.	2.0	38
14	Affective instability in patients with chronic pain: a diary approach. <i>Pain</i> , 2016, 157, 1783-1790.	2.0	37
15	Enhanced cardiac perception predicts impaired performance in the Iowa Gambling Task in patients with panic disorder. <i>Brain and Behavior</i> , 2014, 4, 238-246.	1.0	35
16	Getting to the Heart of Emotion Regulation in Youth: The Role of Interoceptive Sensitivity, Heart Rate Variability, and Parental Psychopathology. <i>PLoS ONE</i> , 2016, 11, e0164615.	1.1	35
17	Response Inhibition and Memory Retrieval of Emotional Target Words: Evidence from an Emotional Stop-Signal Task. <i>Journal of Behavioral and Brain Science</i> , 2011, 01, 153-159.	0.2	32
18	Resting vagal tone is negatively associated with suicide ideation. <i>Journal of Affective Disorders</i> , 2016, 194, 30-32.	2.0	31

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19	Frames, decisions, and cardiac autonomic control. <i>Social Neuroscience</i> , 2011, 6, 169-177.	0.7	30
20	Guilt and proneness to shame: Unethical behaviour in vulnerable and grandiose narcissism. <i>Europe's Journal of Psychology</i> , 2018, 14, 28-43.	0.6	30
21	The somatic marker theory in the context of addiction: contributions to understanding development and maintenance. <i>Psychology Research and Behavior Management</i> , 2015, 8, 187.	1.3	29
22	The Relationship Between Interoception and Metacognition. <i>Journal of Psychophysiology</i> , 2016, 30, 76-86.	0.3	28
23	Prepubertal gonadotropin-releasing hormone analog leads to exaggerated behavioral and emotional sex differences in sheep. <i>Hormones and Behavior</i> , 2011, 59, 22-27.	1.0	26
24	Psychophysiological correlates of emotion regulation training in adolescent anxiety: Evidence from the novel PIER task. <i>Journal of Affective Disorders</i> , 2017, 214, 89-96.	2.0	26
25	Empathy, guilt proneness, and gender: Relative contributions to prosocial behaviour. <i>Europe's Journal of Psychology</i> , 2016, 12, 260-270.	0.6	25
26	Negation as a means for emotion regulation? Startle reflex modulation during processing of negated emotional words. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2011, 11, 199-206.	1.0	24
27	Overcoming Selfishness: Reciprocity, Inhibition, and Cardiac-Autonomic Control in the Ultimatum Game. <i>Frontiers in Psychology</i> , 2011, 2, 173.	1.1	23
28	Enhanced Cardiac Perception Is Associated With Increased Susceptibility to Framing Effects. <i>Cognitive Science</i> , 2013, 37, 922-935.	0.8	23
29	Rumination and interoceptive accuracy predict the occurrence of the thermal grill illusion of pain. <i>BMC Psychology</i> , 2014, 2, 22.	0.9	22
30	Mindfulness and self-efficacy in pain perception, stress and academic performance. The influence of mindfulness on cognitive processes. <i>Psychology Research and Behavior Management</i> , 2019, Volume 12, 565-574.	1.3	22
31	Breath holding duration as a measure of distress tolerance: examining its relation to measures of executive control. <i>Frontiers in Psychology</i> , 2013, 4, 483.	1.1	20
32	The relationship between heart rate variability and canine aggression. <i>Applied Animal Behaviour Science</i> , 2017, 188, 59-67.	0.8	20
33	A Multilevel Investigation of Resiliency Scales for Children and Adolescents: The Relationships Between Self-Perceived Emotion Regulation, Vagally Mediated Heart Rate Variability, and Personal Factors Associated With Resilience. <i>Frontiers in Psychology</i> , 2019, 10, 438.	1.1	20
34	Virtual reality and naturalistic developmental behavioral interventions for children with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , 2021, 111, 103885.	1.2	19
35	The Neuro-Immuno-Senescence Integrative Model (NISIM) on the Negative Association Between Parasympathetic Activity and Cellular Senescence. <i>Frontiers in Neuroscience</i> , 2018, 12, 726.	1.4	18
36	Socio-technical communication: The hybrid space and the OLB model for science-based cyber education. <i>Military Psychology</i> , 2018, 30, 350-359.	0.7	18

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37	Neuropsychiatric Complications of Efavirenz Therapy: Suggestions for a New Research Paradigm. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010, 22, 361-369.	0.9	16
38	Towards a Cognitive Agility Index: The Role of Metacognition in Human Computer Interaction. <i>Communications in Computer and Information Science</i> , 2017, , 330-338.	0.4	15
39	Rejection sensitivity as a vulnerability marker for depressive symptom deterioration in men. <i>PLoS ONE</i> , 2017, 12, e0185802.	1.1	15
40	Exploring the Hybrid Space. <i>Lecture Notes in Computer Science</i> , 2016, , 178-188.	1.0	14
41	Impact of Initial Emotional States and Self-Efficacy Changes on Nursing Students's Practical Skills Performance in Simulation-Based Education. <i>Nursing Reports</i> , 2021, 11, 267-278.	0.8	13
42	Attachment Status Affects Heart Rate Responses to Experimental Ostracism in Inpatients with Depression. <i>PLoS ONE</i> , 2016, 11, e0150375.	1.1	13
43	Altered regulation of negative affect in patients with fibromyalgia: A diary study. <i>European Journal of Pain</i> , 2021, 25, 714-724.	1.4	12
44	Use of a Biofeedback Breathing App to Augment Poststress Physiological Recovery: Randomized Pilot Study. <i>JMIR Formative Research</i> , 2019, 3, e12227.	0.7	11
45	Emotions and emotion up-regulation during the COVID-19 pandemic in Germany. <i>PLoS ONE</i> , 2022, 17, e0262283.	1.1	11
46	Parental emotion and pain control behaviour when faced with child's pain: the emotion regulatory role of parental pain-related attention-set shifting and heart rate variability. <i>Pain</i> , 2019, 160, 322-333.	2.0	9
47	Reduction of depressive symptoms during inpatient treatment is not associated with changes in heart rate variability. <i>PLoS ONE</i> , 2021, 16, e0248686.	1.1	9
48	Learning by heart—the relationship between resting vagal tone and metacognitive judgments: a pilot study. <i>Cognitive Processing</i> , 2018, 19, 557-561.	0.7	8
49	Somatic Symptom Perception From a Predictive Processing Perspective: An Empirical Test Using the Thermal Grill Illusion. <i>Psychosomatic Medicine</i> , 2020, 82, 708-714.	1.3	8
50	The Test-Retest Reliability of Heart Rate Variability and Its Association With Personality Functioning. <i>Frontiers in Psychiatry</i> , 2020, 11, 558145.	1.3	8
51	The relationship between emotion regulation capacity, heart rate variability, and quality of life in individuals with alcohol-related brain damage. <i>Psychology Research and Behavior Management</i> , 2016, Volume 9, 219-235.	1.3	7
52	Blood pressure and the perception of illusive pain. <i>Psychophysiology</i> , 2016, 53, 1282-1291.	1.2	7
53	Self-Regulation and Cognitive Agility in Cyber Operations. <i>Frontiers in Psychology</i> , 2019, 10, 875.	1.1	7
54	The cortisol awakening response at admission to hospital predicts depression severity after discharge in MDD patients. <i>Journal of Psychiatric Research</i> , 2019, 111, 44-50.	1.5	7

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55	Using Cognitive Behavioural Techniques to Improve Academic Achievement in Student-Athletes. <i>Education Sciences</i> , 2019, 9, 89.	1.4	7
56	Macro-cognition Applied to the Hybrid Space: Team Environment, Functions and Processes in Cyber Operations. <i>Lecture Notes in Computer Science</i> , 2017, , 486-500.	1.0	7
57	The moderating influence of self-efficacy on interoceptive ability and counterintuitive decision making in officer cadets. <i>Journal of Military Studies</i> , 2016, 7, 44-52.	0.2	7
58	Interoceptive sensitivity as a proxy for emotional intensity and its relationship with perseverative cognition. <i>Psychology Research and Behavior Management</i> , 2018, Volume 11, 1-8.	1.3	6
59	An Investigation on Bilateral Asymmetry in Electrodermal Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 88.	1.0	6
60	Acceptability and Normative Considerations in Research on Autism Spectrum Disorders and Virtual Reality. <i>Lecture Notes in Computer Science</i> , 2020, , 161-170.	1.0	6
61	Cyber Officer Profiles and Performance Factors. <i>Lecture Notes in Computer Science</i> , 2018, , 181-190.	1.0	6
62	The Role of IT Background for Metacognitive Accuracy, Confidence and Overestimation of Deep Fake Recognition Skills. <i>Lecture Notes in Computer Science</i> , 2022, , 103-119.	1.0	6
63	Sensitivity to Social Exclusion in Major Depressive Disorder Predicts Therapeutic Outcome after Inpatient Treatment. <i>Psychotherapy and Psychosomatics</i> , 2016, 85, 50-52.	4.0	5
64	Slow Education and Cognitive Agility. <i>International Journal of Cyber Warfare and Terrorism</i> , 2019, 9, 48-66.	0.3	5
65	Cognisance as a Human Factor in Military Cyber Defence Education. <i>IFAC-PapersOnLine</i> , 2019, 52, 163-168.	0.5	5
66	Development and Application of the Hybrid Space App for Measuring Cognitive Focus in Hybrid Contexts. <i>Lecture Notes in Computer Science</i> , 2018, , 369-382.	1.0	5
67	Working from home during lockdown: the association between rest breaks and well-being. <i>Ergonomics</i> , 2023, 66, 443-453.	1.1	5
68	Do Not Respond! Doing the Think/No-Think and Go/No-Go Tasks Concurrently Leads to Memory Impairment of Unpleasant Items during Later Recall. <i>Frontiers in Psychology</i> , 2012, 3, 269.	1.1	4
69	Prevalence of Two-Syllable Digits Affecting Forward Digit Span Test Score. <i>SAGE Open</i> , 2016, 6, 215824401668182.	0.8	4
70	An Overview of Virtual Reality Interventions for Two Neurodevelopmental Disorders: Intellectual Disabilities and Autism. <i>Lecture Notes in Computer Science</i> , 2020, , 257-267.	1.0	4
71	Beyond expectation: a case for nonpersonal contextual factors in a more comprehensive approach to the placebo effect and the contribution of environmental psychology. <i>Psychology Research and Behavior Management</i> , 2015, 8, 259.	1.3	3
72	The Association Between Heart Rate Variability and Neurocognitive and Socio-Emotional Development in Nepalese Infants. <i>Frontiers in Neuroscience</i> , 2019, 13, 411.	1.4	3

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73	How Coping Strategies Influence Cyber Task Performance in the Hybrid Space. Communications in Computer and Information Science, 2016, , 192-196.	0.4	3
74	Inhibition in Action – Inhibitory Components in the Behavioral Activation System. Journal of Behavioral and Brain Science, 2011, 01, 160-166.	0.2	2
75	Human-Human Communication in Cyber Threat Situations: A Systematic Review. Lecture Notes in Computer Science, 2021, , 21-43.	1.0	2
76	Cognitive Profiles and Education of Female Cyber Defence Operators. Lecture Notes in Computer Science, 2019, , 563-572.	1.0	1
77	Variable Self-Efficacy as a Measurement for Behaviors in Cyber Security Operations. Lecture Notes in Computer Science, 2020, , 395-404.	1.0	1
78	CyberGenomics: Application of Behavioral Genetics in Cybersecurity. Behavioral Sciences (Basel,) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 5	1.0	1
79	Situational States Influence on Team Workload Demands in Cyber Defense Exercise. Lecture Notes in Computer Science, 2021, , 3-20.	1.0	1
80	Slow Education and Cognitive Agility. , 2021, , 1-21.		0
81	Vagally Mediated Heart Rate Variability Promotes the Perception of Paradoxical Pain. Journal of Psychophysiology, 2017, 31, 134-144.	0.3	0
82	The Influence of Team Workload Demands During a Cyber Defense Exercise on Team Performance. Communications in Computer and Information Science, 2021, , 545-549.	0.4	0