

Stefan Stterlin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

1,294

citations

20

h-index

33

g-index

89

ext. papers

1,586

ext. citations

2.8

avg, IF

4.68

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 82 | ARTiiFACT: a tool for heart rate artifact processing and heart rate variability analysis. <i>Behavior Research Methods</i> , 2011 , 43, 1161-70 | 6.1 | 178 |
| 81 | Affective instability in daily life is predicted by resting heart rate variability. <i>PLoS ONE</i> , 2013 , 8, e81536 | 3.7 | 87 |
| 80 | Cold pressor stress induces opposite effects on cardioceptive accuracy dependent on assessment paradigm. <i>Biological Psychology</i> , 2013 , 93, 167-74 | 3.2 | 79 |
| 79 | Implicit Gender Stereotypes and Essentialist Beliefs Predict Preservice Teachers' Tracking Recommendations. <i>Journal of Experimental Education</i> , 2016 , 84, 152-174 | 1.3 | 63 |
| 78 | Rumination and age: some things get better. <i>Journal of Aging Research</i> , 2012 , 2012, 267327 | 2.3 | 54 |
| 77 | Resting heart rate variability predicts safety learning and fear extinction in an interoceptive fear conditioning paradigm. <i>PLoS ONE</i> , 2014 , 9, e105054 | 3.7 | 50 |
| 76 | 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 | 3.4 | 39 |
| 75 | Effects of Music on Agitation in Dementia: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2017 , 8, 742 | 3.4 | 34 |
| 74 | The Association between Work-Related Rumination and Heart Rate Variability: A Field Study. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 27 | 3.3 | 34 |
| 73 | Effects of resting heart rate variability on performance in the P300 brain-computer interface. <i>International Journal of Psychophysiology</i> , 2012 , 83, 336-41 | 2.9 | 34 |
| 72 | Emotional Inertia is Associated with Lower Well-Being when Controlling for Differences in Emotional Context. <i>Frontiers in Psychology</i> , 2015 , 6, 1997 | 3.4 | 32 |
| 71 | Enhanced cardiac perception predicts impaired performance in the Iowa Gambling Task in patients with panic disorder. <i>Brain and Behavior</i> , 2014 , 4, 238-46 | 3.4 | 30 |
| 70 | Frames, decisions, and cardiac-autonomic control. <i>Social Neuroscience</i> , 2011 , 6, 169-77 | 2 | 29 |
| 69 | Emotion regulatory function of parent attention to child pain and associated implications for parental pain control behaviour. <i>Pain</i> , 2014 , 155, 1453-1463 | 8 | 27 |
| 68 | Affective instability in patients with chronic pain: a diary approach. <i>Pain</i> , 2016 , 157, 1783-1790 | 8 | 27 |
| 67 | Prepubertal gonadotropin-releasing hormone analog leads to exaggerated behavioral and emotional sex differences in sheep. <i>Hormones and Behavior</i> , 2011 , 59, 22-7 | 3.7 | 23 |
| 66 | Resting vagal tone is negatively associated with suicide ideation. <i>Journal of Affective Disorders</i> , 2016 , 194, 30-2 | 6.6 | 22 |

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| 65 | 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 | 6.6 | 21 |
| 64 | The somatic marker theory in the context of addiction: contributions to understanding development and maintenance. <i>Psychology Research and Behavior Management</i> , 2015 , 8, 187-200 | 3.8 | 21 |
| 63 | 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 | 0.3 | 21 |
| 62 | 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 | 3.5 | 20 |
| 61 | The Relationship Between Interoception and Metacognition. <i>Journal of Psychophysiology</i> , 2016 , 30, 76-86 | 1 | 20 |
| 60 | 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 | 3.7 | 19 |
| 59 | Enhanced cardiac perception is associated with increased susceptibility to framing effects. <i>Cognitive Science</i> , 2013 , 37, 922-35 | 2.2 | 18 |
| 58 | Overcoming selfishness: reciprocity, inhibition, and cardiac-autonomic control in the ultimatum game. <i>Frontiers in Psychology</i> , 2011 , 2, 173 | 3.4 | 18 |
| 57 | Guilt and Proneness to Shame: Unethical Behaviour in Vulnerable and Grandiose Narcissism. <i>Europe's Journal of Psychology</i> , 2018 , 14, 28-43 | 1.3 | 17 |
| 56 | Rumination and interoceptive accuracy predict the occurrence of the thermal grill illusion of pain. <i>BMC Psychology</i> , 2014 , 2, 22 | 2.8 | 15 |
| 55 | Neuropsychiatric complications of efavirenz therapy: suggestions for a new research paradigm. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010 , 22, 361-9 | 2.7 | 15 |
| 54 | Exploring the Hybrid Space. <i>Lecture Notes in Computer Science</i> , 2016 , 178-188 | 0.9 | 14 |
| 53 | The relationship between heart rate variability and canine aggression. <i>Applied Animal Behaviour Science</i> , 2017 , 188, 59-67 | 2.2 | 13 |
| 52 | Socio-technical communication: The hybrid space and the OLB model for science-based cyber education. <i>Military Psychology</i> , 2018 , 30, 350-359 | 0.9 | 13 |
| 51 | 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 | 3.4 | 13 |
| 50 | Empathy, Guilt Proneness, and Gender: Relative Contributions to Prosocial Behaviour. <i>Europe's Journal of Psychology</i> , 2016 , 12, 260-70 | 1.3 | 13 |
| 49 | Towards a Cognitive Agility Index: The Role of Metacognition in Human Computer Interaction. <i>Communications in Computer and Information Science</i> , 2017 , 330-338 | 0.3 | 12 |
| 48 | Attachment Status Affects Heart Rate Responses to Experimental Ostracism in Inpatients with Depression. <i>PLoS ONE</i> , 2016 , 11, e0150375 | 3.7 | 11 |

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| 47 | 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 | 3.4 | 10 |
| 46 | Virtual reality and naturalistic developmental behavioral interventions for children with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , 2021 , 111, 103885 | 2.7 | 10 |
| 45 | Rejection sensitivity as a vulnerability marker for depressive symptom deterioration in men. <i>PLoS ONE</i> , 2017 , 12, e0185802 | 3.7 | 9 |
| 44 | 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 | 5.1 | 9 |
| 43 | 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 , 12, 565-574 | 3.8 | 8 |
| 42 | Use of a Biofeedback Breathing App to Augment Poststress Physiological Recovery: Randomized Pilot Study. <i>JMIR Formative Research</i> , 2019 , 3, e12227 | 2.5 | 7 |
| 41 | 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 | 0.9 | 6 |
| 40 | Blood pressure and the perception of illusive pain. <i>Psychophysiology</i> , 2016 , 53, 1282-91 | 4.1 | 6 |
| 39 | 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 | 0.9 | 5 |
| 38 | 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 , 9, 219-35 | 3.8 | 5 |
| 37 | Sensitivity to Social Exclusion in Major Depressive Disorder Predicts Therapeutic Outcome after Inpatient Treatment. <i>Psychotherapy and Psychosomatics</i> , 2016 , 85, 50-2 | 9.4 | 5 |
| 36 | Altered regulation of negative affect in patients with fibromyalgia: A diary study. <i>European Journal of Pain</i> , 2021 , 25, 714-724 | 3.7 | 5 |
| 35 | Interoceptive sensitivity as a proxy for emotional intensity and its relationship with perseverative cognition. <i>Psychology Research and Behavior Management</i> , 2018 , 11, 1-8 | 3.8 | 4 |
| 34 | Self-Regulation and Cognitive Agility in Cyber Operations. <i>Frontiers in Psychology</i> , 2019 , 10, 875 | 3.4 | 4 |
| 33 | 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 | 3.4 | 4 |
| 32 | 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 | 1.4 | 4 |
| 31 | 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> , 2021 , 1 | 4.6 | 4 |
| 30 | 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 | 8 | 4 |

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| 29 | Slow Education and Cognitive Agility. <i>International Journal of Cyber Warfare and Terrorism</i> , 2019 , 9, 48-66. | 3 | 3 |
| 28 | Prevalence of Two-Syllable Digits Affecting Forward Digit Span Test Score: A Potential Reliability Factor in Digit Span Tests and New Light to the Word Length Effect. <i>SAGE Open</i> , 2016 , 6, 215824401668182 | 1.5 | 3 |
| 27 | 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, 259-62 | 3.8 | 3 |
| 26 | Emotions and emotion up-regulation during the COVID-19 pandemic in Germany.. <i>PLoS ONE</i> , 2022 , 17, e0262283 | 3.7 | 3 |
| 25 | Acceptability and Normative Considerations in Research on Autism Spectrum Disorders and Virtual Reality. <i>Lecture Notes in Computer Science</i> , 2020 , 161-170 | 0.9 | 3 |
| 24 | Supporting the Human in Cyber Defence. <i>Lecture Notes in Computer Science</i> , 2018 , 147-162 | 0.9 | 3 |
| 23 | How Coping Strategies Influence Cyber Task Performance in the Hybrid Space. <i>Communications in Computer and Information Science</i> , 2016 , 192-196 | 0.3 | 3 |
| 22 | Somatic Symptom Perception From a Predictive Processing Perspective: An Empirical Test Using the Thermal Grill Illusion. <i>Psychosomatic Medicine</i> , 2020 , 82, 708-714 | 3.7 | 3 |
| 21 | Cognisance as a Human Factor in Military Cyber Defence Education. <i>IFAC-PapersOnLine</i> , 2019 , 52, 163-168. | 0.7 | 3 |
| 20 | Learning by heart-the relationship between resting vagal tone and metacognitive judgments: a pilot study. <i>Cognitive Processing</i> , 2018 , 19, 557-561 | 1.5 | 3 |
| 19 | 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 | 5.2 | 2 |
| 18 | An Investigation on Bilateral Asymmetry in Electrodermal Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 88 | 3.5 | 2 |
| 17 | The Test-Retest Reliability of Heart Rate Variability and Its Association With Personality Functioning. <i>Frontiers in Psychiatry</i> , 2020 , 11, 558145 | 5 | 2 |
| 16 | Inhibition in Action Inhibitory Components in the Behavioral Activation System. <i>Journal of Behavioral and Brain Science</i> , 2011 , 01, 160-166 | 0.3 | 2 |
| 15 | Cyber Officer Profiles and Performance Factors. <i>Lecture Notes in Computer Science</i> , 2018 , 181-190 | 0.9 | 2 |
| 14 | An Overview of Virtual Reality Interventions for Two Neurodevelopmental Disorders: Intellectual Disabilities and Autism. <i>Lecture Notes in Computer Science</i> , 2020 , 257-267 | 0.9 | 2 |
| 13 | Impact of Initial Emotional States and Self-Efficacy Changes on Nursing Students' Practical Skills Performance in Simulation-Based Education.. <i>Nursing Reports</i> , 2021 , 11, 267-278 | 0.8 | 2 |
| 12 | Using Cognitive Behavioural Techniques to Improve Academic Achievement in Student-Athletes. <i>Education Sciences</i> , 2019 , 9, 89 | 2.2 | 1 |

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| 11 | The Association Between Heart Rate Variability and Neurocognitive and Socio-Emotional Development in Nepalese Infants. <i>Frontiers in Neuroscience</i> , 2019 , 13, 411 | 5.1 | 1 |
| 10 | Cognitive Profiles and Education of Female Cyber Defence Operators. <i>Lecture Notes in Computer Science</i> , 2019 , 563-572 | 0.9 | 1 |
| 9 | Variable Self-Efficacy as a Measurement for Behaviors in Cyber Security Operations. <i>Lecture Notes in Computer Science</i> , 2020 , 395-404 | 0.9 | 1 |
| 8 | Situational States Influence on Team Workload Demands in Cyber Defense Exercise. <i>Lecture Notes in Computer Science</i> , 2021 , 3-20 | 0.9 | 0 |
| 7 | Reduction of depressive symptoms during inpatient treatment is not associated with changes in heart rate variability. <i>PLoS ONE</i> , 2021 , 16, e0248686 | 3.7 | 0 |
| 6 | 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 | 0.9 | 0 |
| 5 | Human-Human Communication in Cyber Threat Situations: A Systematic Review. <i>Lecture Notes in Computer Science</i> , 2021 , 21-43 | 0.9 | |
| 4 | The Influence of Team Workload Demands During a Cyber Defense Exercise on Team Performance. <i>Communications in Computer and Information Science</i> , 2021 , 545-549 | 0.3 | |
| 3 | Vagally Mediated Heart Rate Variability Promotes the Perception of Paradoxical Pain. <i>Journal of Psychophysiology</i> , 2017 , 31, 134-144 | | 1 |
| 2 | Slow Education and Cognitive Agility 2021 , 1-21 | | |
| 1 | Towards a Metacognitive Accuracy Training in Military Education. <i>Communications in Computer and Information Science</i> , 2022 , 151-155 | 0.3 | |