

Anton van Boxtel

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,501
citations

304368

22
h-index

301761

39
g-index

41
all docs

41
docs citations

41
times ranked

2505
citing authors

#	ARTICLE	IF	CITATIONS
1	Committee report: Guidelines for human startle eyeblink electromyographic studies. <i>Psychophysiology</i> , 2005, 42, 1-15.	1.2	958
2	Verbal, Facial and Autonomic Responses to Empathy-Eliciting Film Clips by Disruptive Male Adolescents with High Versus Low Callous-Unemotional Traits. <i>Journal of Abnormal Child Psychology</i> , 2012, 40, 211-223.	3.5	192
3	Amplitude and bilateral coherency of facial and jaw-elevator EMG activity as an index of effort during a two-choice serial reaction task. <i>Psychophysiology</i> , 1993, 30, 589-604.	1.2	118
4	Differential effects of low-frequency depression, vibration-induced inhibition, and posttetanic potentiation on H-reflexes and tendon jerks in the human soleus muscle. <i>Journal of Neurophysiology</i> , 1986, 55, 551-568.	0.9	111
5	Facial EMG responses to dynamic emotional facial expressions in boys with disruptive behavior disorders. <i>Journal of Psychiatric Research</i> , 2006, 40, 112-121.	1.5	108
6	Changes in electromyogram power spectra of facial and jaw-elevator muscles during fatigue. <i>Journal of Applied Physiology</i> , 1983, 54, 51-58.	1.2	104
7	Skin resistance during square-wave electrical pulses of 1 to 10 mA. <i>Medical and Biological Engineering and Computing</i> , 1977, 15, 679-687.	1.6	73
8	Facial and jaw-elevator EMG activity in relation to changes in performance level during a sustained information processing task. <i>Biological Psychology</i> , 1994, 37, 183-198.	1.1	71
9	Facial EMG and heart rate responses to emotion-inducing film clips in boys with disruptive behavior disorders. <i>Psychophysiology</i> , 2009, 46, 996-1004.	1.2	64
10	Differential EMG Activity in Subjects with Muscle Contraction Headaches Related to Mental Effort. <i>Headache</i> , 1978, 17, 233-237.	1.8	54
11	Empathy dysfunction in children and adolescents with disruptive behavior disorders. <i>European Journal of Pharmacology</i> , 2010, 626, 97-103.	1.7	54
12	Motor, affective and cognitive empathy in adolescence: Interrelations between facial electromyography and self-reported trait and state measures. <i>Cognition and Emotion</i> , 2016, 30, 745-761.	1.2	54
13	Pericranial muscular, respiratory, and heart rate components of the orienting response. <i>Psychophysiology</i> , 2002, 39, 707-722.	1.2	52
14	Respiratory sinus arrhythmia responses to induced emotional states: Effects of RSA indices, emotion induction method, age, and sex. <i>Biological Psychology</i> , 2012, 91, 128-141.	1.1	52
15	Respiratory sinus arrhythmia responses to cognitive tasks: Effects of task factors and RSA indices. <i>Biological Psychology</i> , 2014, 99, 1-14.	1.1	49
16	Motor Unit Firing Rate During Static Contraction Indicated by the Surface EMG Power Spectrum. <i>IEEE Transactions on Biomedical Engineering</i> , 1983, BME-30, 601-609.	2.5	47
17	Influence of motor unit firing statistics on the median frequency of the EMG power spectrum. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1984, 52, 207-213.	1.2	38
18	Emotion in Stories: Facial EMG Evidence for Both Mental Simulation and Moral Evaluation. <i>Frontiers in Psychology</i> , 2018, 9, 613.	1.1	33

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19	Amplitude and Bandwidth of the Frontalis Surface EMG: Effects of Electrode Parameters. <i>Psychophysiology</i> , 1984, 21, 699-707.	1.2	30
20	Motor function in a patient with bilateral lesions of the globus pallidus. <i>Movement Disorders</i> , 1995, 10, 761-777.	2.2	29
21	Absolute and Proportional Resting EMG Levels in Muscle Contraction and Migraine Headache Patients. <i>Headache</i> , 1983, 23, 215-222.	1.8	27
22	Fractioned reaction time as a function of response force. <i>Acta Psychologica</i> , 1987, 66, 21-35.	0.7	24
23	Differences in autonomic physiological responses between good and poor inductive reasoners. <i>Biological Psychology</i> , 2001, 58, 121-146.	1.1	21
24	Respiratory Sinus Arrhythmia Moderates the Relation between Parent-Adolescent Relationship Quality and Adolescents' Social Adjustment. <i>Journal of Abnormal Child Psychology</i> , 2016, 44, 269-281.	3.5	17
25	Absolute and Proportional Resting EMG Levels in Chronic Headache Patients in Relation to the State of Headache. <i>Headache</i> , 1984, 24, 259-265.	1.8	16
26	Changes in EMG Power Spectra During Fatigue in Muscle Contraction and Migraine Headache Patients. <i>Headache</i> , 1983, 23, 223-228.	1.8	14
27	Autonomic physiological response patterns related to intelligence. <i>Intelligence</i> , 2007, 35, 471-487.	1.6	14
28	The relation between monosynaptic spinal reflex amplitudes and some EEG alpha activity parameters. <i>Electroencephalography and Clinical Neurophysiology</i> , 1976, 40, 297-305.	0.3	13
29	MSH/ACTH ₄₋₁₀ and task-induced increase in tendon reflexes and heart rate. <i>Pharmacology Biochemistry and Behavior</i> , 1978, 9, 615-618.	1.3	13
30	Selective effects of vibration on monosynaptic and late EMG responses in human soleus muscle after stimulation of the posterior tibial nerve or a tendon tap.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1979, 42, 995-1004.	0.9	9
31	Filters for optimal smoothing of acoustic and electric blink reflex EMG responses to determine blink response magnitude. <i>Biological Psychology</i> , 2010, 85, 299-305.	1.1	9
32	Tendon Reflex Amplitude with Increasing Task Difficulty. <i>Ergonomics</i> , 1973, 16, 495-499.	1.1	8
33	Tracking Affective Language Comprehension: Simulating and Evaluating Character Affect in Morally Loaded Narratives. <i>Frontiers in Psychology</i> , 2019, 10, 318.	1.1	8
34	Monosynaptic spinal reflexes elicited at various phases of the EEG alpha cycle. <i>Electroencephalography and Clinical Neurophysiology</i> , 1979, 47, 108-111.	0.3	4
35	Subnormal short-latency facial mimicry responses to dynamic emotional facial expressions in male adolescents with disruptive behavior disorders and callous-unemotional traits. <i>Psychophysiology</i> , 2022, 59, e13945.	1.2	4
36	Short-Term Cognitive Effects After Recovery From a Delirium in a Hospitalized Elderly Sample. <i>Journal of Nervous and Mental Disease</i> , 2014, 202, 732-737.	0.5	3

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37	Disruptive Behavior Disorders and Psychopathic Traits in Adolescents: Empathy-Related Responses to Witnessing Animal Distress. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2021, 43, 869-881.	0.7	3
38	Generalizability of component processes in intelligence as revealed by latency measures. <i>Intelligence</i> , 1999, 27, 45-81.	1.6	2
39	Reading About Us and Them: Moral but no Minimal Group Effects on Language-Induced Emotion. <i>Frontiers in Communication</i> , 2021, 6, .	0.6	1