

Koen Schruers

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,069
citations

201674

27
h-index

189892

50
g-index

103
all docs

103
docs citations

103
times ranked

3910
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-blind clinical trial of thalamic stimulation in patients with Tourette syndrome. <i>Brain</i> , 2011, 134, 832-844.	7.6	254
2	A therapeutic application of the experience sampling method in the treatment of depression: a randomized controlled trial. <i>World Psychiatry</i> , 2014, 13, 68-77.	10.4	194
3	Deep brain stimulation in Tourette's syndrome: Two targets?. <i>Movement Disorders</i> , 2006, 21, 709-713.	3.9	193
4	Comorbidity of Obsessive-Compulsive Disorder and Depression. <i>Journal of Clinical Psychiatry</i> , 2002, 63, 1106-1112.	2.2	146
5	Selective processing of social stimuli in the superficial amygdala. <i>Human Brain Mapping</i> , 2009, 30, 3332-3338.	3.6	122
6	Effects of tryptophan depletion on carbon dioxide provoked panic in panic disorder patients. <i>Psychiatry Research</i> , 2000, 93, 179-187.	3.3	90
7	Carbon Dioxide Inhalation Induces Dose-Dependent and Age-Related Negative Affectivity. <i>PLoS ONE</i> , 2007, 2, e987.	2.5	70
8	A Novel Ensemble-Based Machine Learning Algorithm to Predict the Conversion From Mild Cognitive Impairment to Alzheimer's Disease Using Socio-Demographic Characteristics, Clinical Information, and Neuropsychological Measures. <i>Frontiers in Neurology</i> , 2019, 10, 756.	2.4	68
9	A Delphi-method-based consensus guideline for definition of treatment-resistant depression for clinical trials. <i>Molecular Psychiatry</i> , 2022, 27, 1286-1299.	7.9	68
10	Effect of cytochrome CYP2C19 metabolizing activity on antidepressant response and side effects: Meta-analysis of data from genome-wide association studies. <i>European Neuropsychopharmacology</i> , 2018, 28, 945-954.	0.7	64
11	Acute exercise reduces the effects of a 35% CO2 challenge in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2008, 107, 217-220.	4.1	63
12	Behavioral pattern separation and its link to the neural mechanisms of fear generalization. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1720-1729.	3.0	63
13	Acute l-5-hydroxytryptophan administration inhibits carbon dioxide-induced panic in panic disorder patients. <i>Psychiatry Research</i> , 2002, 113, 237-243.	3.3	62
14	The psychology of psychiatric genetics: Evidence that positive emotions in females moderate genetic sensitivity to social stress associated with the BDNF Val66Met polymorphism.. <i>Journal of Abnormal Psychology</i> , 2008, 117, 699-704.	1.9	55
15	The anatomy of fear learning in the cerebellum: A systematic meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 83-91.	6.1	55
16	A Clinically-Translatable Machine Learning Algorithm for the Prediction of Alzheimer's Disease Conversion in Individuals with Mild and Premild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1555-1573.	2.6	52
17	Carbon Dioxide-Induced Emotion and Respiratory Symptoms in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2008, 33, 3103-3110.	5.4	50
18	Brainstem response to hypercapnia: A symptom provocation study into the pathophysiology of panic disorder. <i>Journal of Psychopharmacology</i> , 2014, 28, 449-456.	4.0	50

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19	Genetic moderation of CO ₂ -induced fear by 5-HTTLPR genotype. <i>Journal of Psychopharmacology</i> , 2011, 25, 37-42.	4.0	49
20	Aversive learning and generalization predict subclinical levels of anxiety: A six-month longitudinal study. <i>Journal of Anxiety Disorders</i> , 2014, 28, 747-753.	3.2	49
21	From laboratory to life: associating brain reward processing with real-life motivated behaviour and symptoms of depression in non-help-seeking young adults. <i>Psychological Medicine</i> , 2019, 49, 2441-2451.	4.5	49
22	Visual presentation of phobic stimuli: Amygdala activation via an extrageniculostriate pathway?. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 113-120.	1.8	48
23	Neural responses during extinction learning predict exposure therapy outcome in phobia: results from a randomized-controlled trial. <i>Neuropsychopharmacology</i> , 2020, 45, 534-541.	5.4	45
24	Sleep Complaints in Panic Disorder Patients. <i>Journal of Nervous and Mental Disease</i> , 2005, 193, 488-493.	1.0	40
25	High-frequency stimulation of the dorsolateral periaqueductal gray and ventromedial hypothalamus fails to inhibit panic-like behaviour. <i>Behavioural Brain Research</i> , 2008, 193, 197-203.	2.2	33
26	Measuring Health-Related Quality of Life by Experiences: The Experience Sampling Method. <i>Value in Health</i> , 2015, 18, 44-51.	0.3	32
27	Blended care in the treatment of subthreshold symptoms of depression and psychosis in emerging adults: A randomised controlled trial of Acceptance and Commitment Therapy in Daily-Life (ACT-DL). <i>Behaviour Research and Therapy</i> , 2020, 128, 103592.	3.1	32
28	Pleiotropic genes in psychiatry: Calcium channels and the stress-related FKBP5 gene in antidepressant resistance. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 203-210.	4.8	31
29	The effects of tianeptine or paroxetine on 35% CO ₂ provoked panic in panic disorder. <i>Journal of Psychopharmacology</i> , 2004, 18, 553-558.	4.0	30
30	Novel investigational therapeutics for panic disorder. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 491-505.	4.1	30
31	Thalamic Deep Brain Stimulation for Refractory Tourette Syndrome: Clinical Evidence for Increasing Disbalance of Therapeutic Effects and Side Effects at Long-Term Follow-Up. <i>Neuromodulation</i> , 2018, 21, 197-202.	0.8	29
32	Translational evaluation of novel selective orexin-1 receptor antagonist JNJ-61393215 in an experimental model for panic in rodents and humans. <i>Translational Psychiatry</i> , 2020, 10, 308.	4.8	29
33	Unraveling the Relationship between Trait Negative Affectivity and Habitual Symptom Reporting. <i>PLoS ONE</i> , 2015, 10, e0115748.	2.5	28
34	A clinically-translatable machine learning algorithm for the prediction of Alzheimer's disease conversion: further evidence of its accuracy via a transfer learning approach. <i>International Psychogeriatrics</i> , 2019, 31, 937-945.	1.0	28
35	L-5-Hydroxytryptophan induced increase in salivary cortisol in panic disorder patients and healthy volunteers. <i>Psychopharmacology</i> , 2002, 161, 365-369.	3.1	27
36	Neurobehavioural mechanisms of threat generalization moderate the link between childhood maltreatment and psychopathology in emerging adulthood. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 185-194.	2.4	27

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37	Childhood adversities and psychotic symptoms: The potential mediating or moderating role of neurocognition and social cognition. <i>Schizophrenia Research</i> , 2019, 206, 183-193.	2.0	26
38	Ventral Capsule/Ventral Striatum Stimulation in Obsessive-Compulsive Disorder: Toward a Unified Connectomic Target for Deep Brain Stimulation?. <i>Neuromodulation</i> , 2021, 24, 316-323.	0.8	26
39	The Role of "Interoceptive" Fear Conditioning in the Development of Panic Disorder. <i>Behavior Therapy</i> , 2012, 43, 203-215.	2.4	25
40	Chronic obsessive-compulsive disorder: prognostic factors. <i>Psychological Medicine</i> , 2018, 48, 2213-2222.	4.5	25
41	Frontal EEG asymmetry during symptom provocation predicts subjective responses to intrusions in survivors with and without PTSD. <i>Psychophysiology</i> , 2018, 55, e12779.	2.4	25
42	Effect of Buspirone on the Behavioral Regulation of Rats in Low versus High Anxiety Conditions. <i>Arzneimittelforschung</i> , 2008, 58, 269-276.	0.4	24
43	Increased plasma corticosterone levels after periaqueductal gray stimulation-induced escape reaction or panic attacks in rats. <i>Behavioural Brain Research</i> , 2011, 218, 301-307.	2.2	24
44	A specific attentional bias in panic disorder?. <i>Depression and Anxiety</i> , 2008, 25, 951-955.	4.1	23
45	Therapygenetics: 5-HTTLPR genotype predicts the response to exposure therapy for agoraphobia. <i>European Neuropsychopharmacology</i> , 2014, 24, 1222-1228.	0.7	23
46	Antioxidant Biomolecules and Their Potential for the Treatment of Difficult-to-Treat Depression and Conventional Treatment-Resistant Depression. <i>Antioxidants</i> , 2022, 11, 540.	5.1	23
47	The effects of tianeptine or paroxetine on 35% CO2 provoked panic in panic disorder. <i>Journal of Psychopharmacology</i> , 2004, 18, 553-558.	4.0	22
48	Real-life validation of reduced reward processing in emerging adults with depressive symptoms.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 713-725.	1.9	22
49	Effect of nicotine on 35% CO2-induced anxiety: A study in healthy volunteers. <i>Nicotine and Tobacco Research</i> , 2006, 8, 511-517.	2.6	21
50	Defensive activation to (un)predictable interoceptive threat: The NPU respiratory threat test (NPUr). <i>Psychophysiology</i> , 2016, 53, 905-913.	2.4	21
51	The effects of deep-brain non-stimulation in severe obsessive-compulsive disorder: an individual patient data meta-analysis. <i>Translational Psychiatry</i> , 2019, 9, 183.	4.8	21
52	Attenuation of fear-like response by escitalopram treatment after electrical stimulation of the midbrain dorsolateral periaqueductal gray. <i>Experimental Neurology</i> , 2010, 226, 293-300.	4.1	19
53	Microstructural white matter alterations in psychotic disorder: A family-based diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2013, 146, 291-300.	2.0	19
54	Generalization of Fear to Respiratory Sensations. <i>Behavior Therapy</i> , 2015, 46, 611-626.	2.4	18

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55	Functional neuroimaging of associative learning and generalization in specific phobia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 275-285.	4.8	18
56	Neural correlates of reward processing in adults with 22q11 deletion syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 25.	3.1	15
57	A Compassion-Focused Ecological Momentary Intervention for Enhancing Resilience in Help-Seeking Youth: Uncontrolled Pilot Study. <i>JMIR Mental Health</i> , 2021, 8, e25650.	3.3	15
58	Modeling the development of panic disorder with interoceptive conditioning. <i>European Neuropsychopharmacology</i> , 2017, 27, 59-69.	0.7	14
59	Suicidal Ideation in Panic Disorder Patients. <i>Journal of Nervous and Mental Disease</i> , 1998, 186, 577-580.	1.0	14
60	Vulnerability to 35% CO ₂ of panic disorder patients with a history of respiratory disorders. <i>Psychiatry Research</i> , 2003, 120, 125-130.	3.3	13
61	The influence of alcohol oral intake on the effects of 35% CO ₂ challenge. A study in healthy volunteers. <i>Acta Neuropsychiatrica</i> , 2004, 16, 107-109.	2.1	13
62	Biological challenge procedures used to study co-occurring nicotine dependence and panic disorder. <i>Addictive Behaviors</i> , 2008, 33, 1463-1469.	3.0	13
63	Priming associations between bodily sensations and catastrophic misinterpretations: Specific for panic disorder?. <i>Behaviour Research and Therapy</i> , 2010, 48, 900-908.	3.1	13
64	Nicotinic Acetylcholine Receptors Contribute to Learning-induced Metaplasticity in the Hippocampus. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 986-997.	2.3	13
65	Choreatic Side Effects of Deep Brain Stimulation of the Anteromedial Subthalamic Nucleus for Treatment-Resistant Obsessive-Compulsive disorder. <i>World Neurosurgery</i> , 2017, 104, 1048.e9-1048.e13.	1.3	12
66	10 ¹ / ₄ G CCK-4 premedication and 35% CO ₂ challenge in healthy volunteers. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000, 24, 409-418.	4.8	10
67	The role of cognitive functioning in the relationship between childhood trauma and a mixed phenotype of affective-anxious-psychotic symptoms in psychotic disorders. <i>Schizophrenia Research</i> , 2018, 192, 262-268.	2.0	10
68	Increased Temporal Discounting in Social Anxiety Disorder Normalizes after Oxytocin Treatment. <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 55-57.	8.8	10
69	Emotional attentional control predicts changes in diurnal cortisol secretion following exposure to a prolonged psychosocial stressor. <i>Psychoneuroendocrinology</i> , 2016, 63, 291-295.	2.7	9
70	Efficacy of a transdiagnostic ecological momentary intervention for improving self-esteem (SELFIE) in youth exposed to childhood adversity: study protocol for a multi-center randomized controlled trial. <i>Trials</i> , 2021, 22, 641.	1.6	9
71	The effect of intranasally administered oxytocin on observed social behavior in social anxiety disorder. <i>European Neuropsychopharmacology</i> , 2021, 53, 25-33.	0.7	9
72	Effect of CCK-4 on a 35% carbon dioxide challenge in healthy volunteers. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1999, 23, 1345-1350.	4.8	8

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73	The predictive value of neural reward processing on exposure therapy outcome: Results from a randomized controlled trial. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 339-346.	4.8	8
74	Effectiveness, Timing and Procedural Aspects of Cognitive Behavioral Therapy after Deep Brain Stimulation for Therapy-Resistant Obsessive Compulsive Disorder: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 2383.	2.4	8
75	Experimental Affective Symptoms in Panic Disorder Patients. <i>Canadian Journal of Psychiatry</i> , 2005, 50, 175-178.	1.9	7
76	Effects of tryptophan depletion and tryptophan loading on the affective response to high-dose CO ₂ challenge in healthy volunteers. <i>Psychopharmacology</i> , 2011, 215, 739-748.	3.1	7
77	Effects of acute exercise on CO ₂ -induced fear. <i>Depression and Anxiety</i> , 2012, 29, 156-159.	4.1	7
78	Reduced autobiographical memory specificity is associated with impaired discrimination learning in anxiety disorder patients. <i>Frontiers in Psychology</i> , 2015, 6, 889.	2.1	7
79	Experimental study on the effects of anxiety sensitivity and somatosensory amplification on the response to the 35% CO ₂ challenge in abstinent smokers. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 464-476.	1.8	6
80	Blood-injury related phobic avoidance as predictor of nonresponse to pharmacotherapy in panic disorder with agoraphobia. <i>Journal of Affective Disorders</i> , 2004, 78, 227-233.	4.1	5
81	Chapter 5.3 Experimental models: Panic and fear. <i>Handbook of Behavioral Neuroscience</i> , 2008, 17, 413-435.	0.7	5
82	Nonhomogeneous results in place learning among panic disorder patients with agoraphobia. <i>Psychiatry Research</i> , 2010, 179, 297-305.	3.3	4
83	Brain and Behavior Changes following Exposure Therapy Predict Outcome at 8-Year Follow-Up. <i>Psychotherapy and Psychosomatics</i> , 2016, 85, 238-240.	8.8	4
84	Can formulation affect tryptophan depletion results? Hints from studies in experimental panic. <i>Journal of Psychopharmacology</i> , 2014, 28, 486-490.	4.0	3
85	An online spider game: Overcome your fear, exposure is near. <i>Computers in Human Behavior Reports</i> , 2022, 6, 100201.	4.0	3
86	White matter microstructure and network-connectivity in emerging adults with subclinical psychotic experiences. <i>Brain Imaging and Behavior</i> , 2020, 14, 1876-1888.	2.1	2
87	Prediction of illness remission in patients with Obsessive-Compulsive Disorder with supervised machine learning. <i>Journal of Affective Disorders</i> , 2022, 296, 117-125.	4.1	2
88	Perceptual sensitivity to sensory and affective aspects of dyspnea: Test-retest reliability and effects of fear of suffocation. <i>Biological Psychology</i> , 2022, 169, 108268.	2.2	2
89	Cognitive behavioural therapy reduces nocturnal panic in people with panic disorder. <i>Evidence-Based Mental Health</i> , 2006, 9, 13-13.	4.5	1
90	922. Reward Anticipation in Early Expression of Psychotic Disorder: A Functional MRI Approach. <i>Biological Psychiatry</i> , 2017, 81, S373.	1.3	1

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91	O2.2. CHILDHOOD ADVERSITIES AND PSYCHOTIC SYMPTOMS: THE POTENTIAL MEDIATING OR MODERATING ROLE OF NEUROCOGNITION AND SOCIAL COGNITION. Schizophrenia Bulletin, 2018, 44, S76-S76.	4.3	1
92	Reward anticipation in individuals with subclinical psychotic experiences: A functional MRI approach. European Neuropsychopharmacology, 2019, 29, 1374-1385.	0.7	1
93	The Role of Anxiety Sensitivity and Expectancy Manipulation on Panic-Like Response to the 35% CO ₂ Challenge in Healthy Subjects. Neuropsychobiology, 2019, 78, 209-217.	1.9	1
94	Methodological Considerations for Setting Up Deep Brain Stimulation Studies for New Indications. Journal of Clinical Medicine, 2022, 11, 696.	2.4	1
95	Home alone: Social functioning as a transdiagnostic marker of mental health in youth, exploring retrospective and daily life measurements. Comprehensive Psychiatry, 2022, 115, 152309.	3.1	1
96	457. Fear Extinction Mechanisms and the Link to Exposure Therapy Outcome in Specific Phobia: A Pilot Study. Biological Psychiatry, 2017, 81, S186-S187.	1.3	0
97	125. Alterations in the Neurobehavioral Mechanisms of Fear Extinction and Extinction Recall in Specific Phobia. Biological Psychiatry, 2017, 81, S52-S53.	1.3	0