

Floris Klumpers

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,721
citations

304743

22
h-index

302126

39
g-index

64
all docs

64
docs citations

64
times ranked

2543
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep-Breathing Biofeedback Trainability in a Virtual-Reality Action Game: A Single-Case Design Study With Police Trainers. <i>Frontiers in Psychology</i> , 2022, 13, 806163.	2.1	9
2	Acute-stress-induced change in salience network coupling prospectively predicts post-trauma symptom development. <i>Translational Psychiatry</i> , 2022, 12, 63.	4.8	14
3	Postural freezing relates to startle potentiation in a human fear-conditioning paradigm. <i>Psychophysiology</i> , 2022, 59, e13983.	2.4	11
4	Larger dentate gyrus volume as predisposing resilience factor for the development of trauma-related symptoms. <i>Neuropsychopharmacology</i> , 2021, 46, 1283-1292.	5.4	14
5	Roles of the bed nucleus of the stria terminalis and amygdala in fear reactions. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 419-432.	1.8	10
6	Individual differences in costly fearful avoidance and the relation to psychophysiology. <i>Behaviour Research and Therapy</i> , 2021, 137, 103788.	3.1	11
7	Anterior prefrontal brain activity during emotion control predicts resilience to post-traumatic stress symptoms. <i>Nature Human Behaviour</i> , 2021, 5, 1055-1064.	12.0	32
8	Breathing Biofeedback for Police Officers in a Stressful Virtual Environment: Challenges and Opportunities. <i>Frontiers in Psychology</i> , 2021, 12, 586553.	2.1	18
9	Approach-Avoidance Decisions Under Threat: The Role of Autonomic Psychophysiological States. <i>Frontiers in Neuroscience</i> , 2021, 15, 621517.	2.8	24
10	Defensive freezing and its relation to approach-avoidance decision-making under threat. <i>Scientific Reports</i> , 2021, 11, 12030.	3.3	21
11	Human defensive freezing: Associations with hair cortisol and trait anxiety. <i>Psychoneuroendocrinology</i> , 2021, 133, 105417.	2.7	11
12	Frontal Emotion Regulation Capacity Predicts Acute Cortisol-Responses as Well as Long Term Resilience to Post-Traumatic Stress: Evidence From a Prospective Longitudinal Study. <i>Biological Psychiatry</i> , 2020, 87, S4.	1.3	0
13	Good vibrations: An observational study of real-life stress induced by a stage performance. <i>Psychoneuroendocrinology</i> , 2020, 114, 104593.	2.7	4
14	Discriminating stress from rest based on resting-state connectivity of the human brain: A supervised machine learning study. <i>Human Brain Mapping</i> , 2020, 41, 3089-3099.	3.6	21
15	Frontal Control Over Automatic Emotional Action Tendencies Predicts Acute Stress Responsivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 975-983.	1.5	15
16	High Endogenous Testosterone Levels Are Associated With Diminished Neural Emotional Control in Aggressive Police Recruits. <i>Psychological Science</i> , 2019, 30, 1161-1173.	3.3	17
17	T10. Stress-Induced Salience Network Connectivity is Predictive of Post-Traumatic Stress Levels. <i>Biological Psychiatry</i> , 2019, 85, S133.	1.3	0
18	Acute stress alters the "default" brain processing. <i>NeuroImage</i> , 2019, 189, 870-877.	4.2	75

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19	Roles of the Amygdala and Basal Forebrain in Defense: a Reply to Luyck Et al. and Implications for Defensive Action. <i>Neuropsychology Review</i> , 2019, 29, 186-189.	4.9	6
20	Neural Dynamics of Shooting Decisions and the Switch from Freeze to Fight. <i>Scientific Reports</i> , 2019, 9, 4240.	3.3	56
21	Reducing the Noise of Reality. <i>Psychological Inquiry</i> , 2019, 30, 203-210.	0.9	5
22	The association between serotonin transporter availability and the neural correlates of fear bradycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25941-25947.	7.1	33
23	Physical neglect during childhood alters white matter connectivity in healthy young males. <i>Human Brain Mapping</i> , 2018, 39, 1283-1290.	3.6	41
24	How acute stress may enhance subsequent memory for threat stimuli outside the focus of attention: DLPFC-amygdala decoupling. <i>NeuroImage</i> , 2018, 171, 311-322.	4.2	21
25	30. Neural Switch Between Passive and Active Fear in Humans: Alterations in and Development of Stress-Related Symptoms. <i>Biological Psychiatry</i> , 2018, 83, S12.	1.3	0
26	Maternal depressive symptoms during pregnancy are associated with amygdala hyperresponsivity in children. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 57-64.	4.7	23
27	Memory Contextualization: The Role of Prefrontal Cortex in Functional Integration across Item and Context Representational Regions. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 579-593.	2.3	18
28	F7. Investigating Interactions Between Reward and Threat Processing as Mechanisms Underlying Costly Fearful Avoidance Behaviour Using Startle Reflex Methodology. <i>Biological Psychiatry</i> , 2018, 83, S239-S240.	1.3	0
29	S7. Experimentally Assessing Costly Fearful Avoidance and its Relation to Anxious Psychophysiology. <i>Biological Psychiatry</i> , 2018, 83, S349.	1.3	1
30	The Basolateral Amygdala Is Essential for Rapid Escape: A Human and Rodent Study. <i>Cell</i> , 2018, 175, 723-735.e16.	28.9	116
31	Endogenous testosterone modulates aggression-related fronto-amygdalar activation in police recruits. <i>European Neuropsychopharmacology</i> , 2018, 28, S22.	0.7	0
32	F8. Individual Differences in Defensive Freezing Reactions Link to Anxiety, Cortisol and Performance Under Threatening Situations. <i>Biological Psychiatry</i> , 2018, 83, S240.	1.3	0
33	Acute Stress Enhances Emotional Face Processing in the Aging Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 591-598.	1.5	14
34	How Human Amygdala and Bed Nucleus of the Stria Terminalis May Drive Distinct Defensive Responses. <i>Journal of Neuroscience</i> , 2017, 37, 9645-9656.	3.6	76
35	246. Physical Neglect during Childhood Alters White Matter Connectivity in Healthy Young Males. <i>Biological Psychiatry</i> , 2017, 81, S101.	1.3	0
36	Intrinsic functional connectivity between amygdala and hippocampus during rest predicts enhanced memory under stress. <i>Psychoneuroendocrinology</i> , 2017, 75, 192-202.	2.7	44

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37	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. <i>Neuropsychopharmacology</i> , 2017, 42, 1262-1271.	5.4	60
38	The role of automatic defensive responses in the development of posttraumatic stress symptoms in police recruits: protocol of a prospective study. <i>HÅgre Utbildning</i> , 2017, 8, 1412226.	3.0	18
39	Childhood abuse and deprivation are associated with distinct sex-dependent differences in brain morphology. <i>Neuropsychopharmacology</i> , 2016, 41, 1716-1723.	5.4	51
40	Author's response to commentary "Depressive symptomatology should be systematically controlled for in neuroticism research". <i>NeuroImage</i> , 2016, 125, 1101-1102.	4.2	0
41	Medial prefrontal "hippocampal connectivity during emotional memory encoding predicts individual differences in the loss of associative memory specificity. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 44-54.	1.9	23
42	Interindividual differences in stress sensitivity: basal and stress-induced cortisol levels differentially predict neural vigilance processing under stress. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 663-673.	3.0	65
43	Dorsomedial Prefrontal Cortex Mediates the Impact of Serotonin Transporter Linked Polymorphic Region Genotype on Anticipatory Threat Reactions. <i>Biological Psychiatry</i> , 2015, 78, 582-589.	1.3	64
44	Impaired acquisition of classically conditioned fear-potentiated startle reflexes in humans with focal bilateral basolateral amygdala damage. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1161-1168.	3.0	65
45	A Stress-Induced Shift From Trace to Delay Conditioning Depends on the Mineralocorticoid Receptor. <i>Biological Psychiatry</i> , 2015, 78, 830-839.	1.3	38
46	Association between neuroticism and amygdala responsivity emerges under stressful conditions. <i>NeuroImage</i> , 2015, 112, 218-224.	4.2	100
47	Blocking the Mineralocorticoid Receptor in Humans Prevents the Stress-Induced Enhancement of Centromedial Amygdala Connectivity with the Dorsal Striatum. <i>Neuropsychopharmacology</i> , 2015, 40, 947-956.	5.4	91
48	Beyond Classical Inheritance: The Influence of Maternal Genotype upon Child's Brain Morphology and Behavior. <i>Journal of Neuroscience</i> , 2014, 34, 9516-9521.	3.6	9
49	No Impact of Deep Brain Stimulation on Fear-Potentiated Startle in Obsessive-Compulsive Disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 305.	2.0	14
50	Emotion perception and executive control interact in the salience network during emotionally charged working memory processing. <i>Human Brain Mapping</i> , 2014, 35, 5606-5616.	3.6	59
51	Testing the effects of δ^9 -THC and D-cycloserine on extinction of conditioned fear in humans. <i>Journal of Psychopharmacology</i> , 2012, 26, 471-478.	4.0	61
52	Failure to extinguish fear and genetic variability in the human cannabinoid receptor 1. <i>Translational Psychiatry</i> , 2012, 2, e162-e162.	4.8	60
53	Genetic variation in serotonin transporter function affects human fear expression indexed by fear-potentiated startle. <i>Biological Psychology</i> , 2012, 89, 277-282.	2.2	41
54	Prefrontal Mechanisms of Fear Reduction After Threat Offset. <i>Biological Psychiatry</i> , 2010, 68, 1031-1038.	1.3	59

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55	Method development studies for repeatedly measuring anxiolytic drug effects in healthy humans. Journal of Psychopharmacology, 2010, 24, 657-666.	4.0	23
56	Hippocampal Volume Change in Schizophrenia. Journal of Clinical Psychiatry, 2010, 71, 737-744.	2.2	50