Floris Klumpers

List of Publications by Year in descending order

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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	The Basolateral Amygdala Is Essential for Rapid Escape: A Human and Rodent Study. Cell, 2018, 175, 723-735.e16.	28.9	116
2	Association between neuroticism and amygdala responsivity emerges under stressful conditions. NeuroImage, 2015, 112, 218-224.	4.2	100
3	Blocking the Mineralocorticoid Receptor in Humans Prevents the Stress-Induced Enhancement of Centromedial Amygdala Connectivity with the Dorsal Striatum. Neuropsychopharmacology, 2015, 40, 947-956.	5.4	91
4	How Human Amygdala and Bed Nucleus of the Stria Terminalis May Drive Distinct Defensive Responses. Journal of Neuroscience, 2017, 37, 9645-9656.	3.6	76
5	Acute stress alters the â€˜defaultâ€™ brain processing. NeuroImage, 2019, 189, 870-877.	4.2	75
6	Impaired acquisition of classically conditioned fear-potentiated startle reflexes in humans with focal bilateral basolateral amygdala damage. Social Cognitive and Affective Neuroscience, 2015, 10, 1161-1168.	3.0	65
7	Interindividual differences in stress sensitivity: basal and stress-induced cortisol levels differentially predict neural vigilance processing under stress. Social Cognitive and Affective Neuroscience, 2016, 11, 663-673.	3.0	65
8	Dorsomedial Prefrontal Cortex Mediates the Impact of Serotonin Transporter Linked Polymorphic Region Genotype on Anticipatory Threat Reactions. Biological Psychiatry, 2015, 78, 582-589.	1.3	64
9	Testing the effects of Î”9-THC and D-cycloserine on extinction of conditioned fear in humans. Journal of Psychopharmacology, 2012, 26, 471-478.	4.0	61
10	Failure to extinguish fear and genetic variability in the human cannabinoid receptor 1. Translational Psychiatry, 2012, 2, e162-e162.	4.8	60
11	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. Neuropsychopharmacology, 2017, 42, 1262-1271.	5.4	60
12	Prefrontal Mechanisms of Fear Reduction After Threat Offset. Biological Psychiatry, 2010, 68, 1031-1038.	1.3	59
13	Emotion perception and executive control interact in the salience network during emotionally charged working memory processing. Human Brain Mapping, 2014, 35, 5606-5616.	3.6	59
14	Neural Dynamics of Shooting Decisions and the Switch from Freeze to Fight. Scientific Reports, 2019, 9, 4240.	3.3	56
15	Childhood abuse and deprivation are associated with distinct sex-dependent differences in brain morphology. Neuropsychopharmacology, 2016, 41, 1716-1723.	5.4	51
16	Hippocampal Volume Change in Schizophrenia. Journal of Clinical Psychiatry, 2010, 71, 737-744.	2.2	50
17	Intrinsic functional connectivity between amygdala and hippocampus during rest predicts enhanced memory under stress. Psychoneuroendocrinology, 2017, 75, 192-202.	2.7	44
18	Genetic variation in serotonin transporter function affects human fear expression indexed by fear-potentiated startle. Biological Psychology, 2012, 89, 277-282.	2.2	41

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19	Physical neglect during childhood alters white matter connectivity in healthy young males. Human Brain Mapping, 2018, 39, 1283-1290.	3.6	41
20	A Stress-Induced Shift From Trace to Delay Conditioning Depends on the Mineralocorticoid Receptor. Biological Psychiatry, 2015, 78, 830-839.	1.3	38
21	The association between serotonin transporter availability and the neural correlates of fear bradycardia. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25941-25947.	7.1	33
22	Anterior prefrontal brain activity during emotion control predicts resilience to post-traumatic stress symptoms. Nature Human Behaviour, 2021, 5, 1055-1064.	12.0	32
23	Approach-Avoidance Decisions Under Threat: The Role of Autonomic Psychophysiological States. Frontiers in Neuroscience, 2021, 15, 621517.	2.8	24
24	Method development studies for repeatedly measuring anxiolytic drug effects in healthy humans. Journal of Psychopharmacology, 2010, 24, 657-666.	4.0	23
25	Medial prefrontalâ€“hippocampal connectivity during emotional memory encoding predicts individual differences in the loss of associative memory specificity. Neurobiology of Learning and Memory, 2016, 134, 44-54.	1.9	23
26	Maternal depressive symptoms during pregnancy are associated with amygdala hyperresponsivity in children. European Child and Adolescent Psychiatry, 2018, 27, 57-64.	4.7	23
27	How acute stress may enhance subsequent memory for threat stimuli outside the focus of attention: DLPFC-amygdala decoupling. NeuroImage, 2018, 171, 311-322.	4.2	21
28	Discriminating stress from rest based on restingâ€state connectivity of the human brain: A supervised machine learning study. Human Brain Mapping, 2020, 41, 3089-3099.	3.6	21
29	Defensive freezing and its relation to approachâ€“avoidance decision-making under threat. Scientific Reports, 2021, 11, 12030.	3.3	21
30	The role of automatic defensive responses in the development of posttraumatic stress symptoms in police recruits: protocol of a prospective study. HÃ¶gre Utbildning, 2017, 8, 1412226.	3.0	18
31	Memory Contextualization: The Role of Prefrontal Cortex in Functional Integration across Item and Context Representational Regions. Journal of Cognitive Neuroscience, 2018, 30, 579-593.	2.3	18
32	Breathing Biofeedback for Police Officers in a Stressful Virtual Environment: Challenges and Opportunities. Frontiers in Psychology, 2021, 12, 586553.	2.1	18
33	High Endogenous Testosterone Levels Are Associated With Diminished Neural Emotional Control in Aggressive Police Recruits. Psychological Science, 2019, 30, 1161-1173.	3.3	17
34	Frontal Control Over Automatic Emotional Action Tendencies Predicts Acute Stress Responsivity. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 975-983.	1.5	15
35	No Impact of Deep Brain Stimulation on Fear-Potentiated Startle in ObsessiveÃ¢â‚¬â€œCompulsive Disorder. Frontiers in Behavioral Neuroscience, 2014, 8, 305.	2.0	14
36	Acute Stress Enhances Emotional Face Processing in the Aging Brain. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 591-598.	1.5	14

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37	Larger dentate gyrus volume as predisposing resilience factor for the development of trauma-related symptoms. Neuropsychopharmacology, 2021, 46, 1283-1292.	5.4	14
38	Acute-stress-induced change in salience network coupling prospectively predicts post-trauma symptom development. Translational Psychiatry, 2022, 12, 63.	4.8	14
39	Individual differences in costly fearful avoidance and the relation to psychophysiology. Behaviour Research and Therapy, 2021, 137, 103788.	3.1	11
40	Human defensive freezing: Associations with hair cortisol and trait anxiety. Psychoneuroendocrinology, 2021, 133, 105417.	2.7	11
41	Postural freezing relates to startle potentiation in a human fearâ€conditioning paradigm. Psychophysiology, 2022, 59, e13983.	2.4	11
42	Roles of the bed nucleus of the stria terminalis and amygdala in fear reactions. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 419-432.	1.8	10
43	Beyond Classical Inheritance: The Influence of Maternal Genotype upon Child's Brain Morphology and Behavior. Journal of Neuroscience, 2014, 34, 9516-9521.	3.6	9
44	Deep-Breathing Biofeedback Trainability in a Virtual-Reality Action Game: A Single-Case Design Study With Police Trainers. Frontiers in Psychology, 2022, 13, 806163.	2.1	9
45	Roles of the Amygdala and Basal Forebrain in Defense: a Reply to Luyck Et al. and Implications for Defensive Action. Neuropsychology Review, 2019, 29, 186-189.	4.9	6
46	Reducing the Noise of Reality. Psychological Inquiry, 2019, 30, 203-210.	0.9	5
47	Good vibrations: An observational study of real-life stress induced by a stage performance. Psychoneuroendocrinology, 2020, 114, 104593.	2.7	4
48	S7. Experimentally Assessing Costly Fearful Avoidance and its Relation to Anxious Psychophysiology. Biological Psychiatry, 2018, 83, S349.	1.3	1
49	Author's response to commentary â€˜Depressive symptomatology should be systematically controlled for in neuroticism researchâ€™. NeuroImage, 2016, 125, 1101-1102.	4.2	0
50	246. Physical Neglect during Childhood Alters White Matter Connectivity in Healthy Young Males. Biological Psychiatry, 2017, 81, S101.	1.3	0
51	30. Neural Switch Between Passive and Active Fear in Humans: Alterations in and Development of Stress-Related Symptoms. Biological Psychiatry, 2018, 83, S12.	1.3	0
52	F7. Investigating Interactions Between Reward and Threat Processing as Mechanisms Underlying Costly Fearful Avoidance Behaviour Using Startle Reflex Methodology. Biological Psychiatry, 2018, 83, S239-S240.	1.3	0
53	Endogenous testosterone modulates aggression-related fronto-amygdalar activation in police recruits. European Neuropsychopharmacology, 2018, 28, S22.	0.7	0
54	T10. Stress-Induced Salience Network Connectivity is Predictive of Post-Traumatic Stress Levels. Biological Psychiatry, 2019, 85, S133.	1.3	0

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55	Frontal Emotion Regulation Capacity Predicts Acute Cortisol-Responses as Well as Long Term Resilience to Post-Traumatic Stress: Evidence From a Prospective Longitudinal Study. Biological Psychiatry, 2020, 87, S4.	1.3	0
56	F8. Individual Differences in Defensive Freezing Reactions Link to Anxiety, Cortisol and Performance Under Threatening Situations. Biological Psychiatry, 2018, 83, S240.	1.3	0