Florian Schlagenhauf

List of Publications by Year
in descending order

107 papers	8,293 citations	50170 46 h-index	49773 87 g-index
113 all docs	113 docs citations	113 times ranked	8106 citing authors

#	Article	IF	Citations
1	Alcohol Approach Bias Is Associated With Both Behavioral and Neural Pavlovian-to-Instrumental Transfer Effects in Alcohol-Dependent Patients. Biological Psychiatry Global Open Science, 2023, 3, 443-450.	1.0	5
2	Editorial for â€œ<scp>Crossâ€Scanner</scp> Harmonization of <scp>Neuromelaninâ€Sensitive MRI</scp> for Multisite Studiesâ€• Journal of Magnetic Resonance Imaging, 2022, 55, 1584-1585.	1.9	0
3	Functional connectivity alterations between default mode network and occipital cortex in patients with obsessive-compulsive disorder (OCD). NeuroImage: Clinical, 2022, 33, 102915.	1.4	11
4	Anodal tDCS over the medial prefrontal cortex enhances behavioral adaptation after punishments during reversal learning through increased updating of unchosen choice options. Cerebral Cortex Communications, 2022, 3, tgac006.	0.7	2
5	Models of Dynamic Belief Updating in Psychosisâ€”A Review Across Different Computational Approaches. Frontiers in Psychiatry, 2022, 13, 814111.	1.3	11
6	Sufficient reliability of the behavioral and computational readouts of a probabilistic reversal learning task. Behavior Research Methods, 2022, 54, 2993-3014.	2.3	18
7	Instrumental and Pavlovian Mechanisms in Alcohol Use Disorder. Current Addiction Reports, 2021, 8, 156-180.	1.6	10
8	Glutamate in the Dorsolateral Prefrontal Cortex in Patients With Schizophrenia: A Meta-analysis of 1H-Magnetic Resonance Spectroscopy Studies. Biological Psychiatry, 2021, 89, 270-277.	0.7	24
9	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. JAMA Psychiatry, 2021, 78, 753.	6.0	74
10	Neuromelanin-Sensitive Magnetic Resonance Imaging in Schizophrenia: A Meta-Analysis of Case-Control Studies. Frontiers in Psychiatry, 2021, 12, 770282.	1.3	13
11	Stronger Prejudices Are Associated With Decreased Model-Based Control. Frontiers in Psychology, 2021, 12, 767022.	1.1	0
12	Association of Cortical Glutamate and Working Memory Activation in Patients With Schizophrenia: A Multimodal Proton Magnetic Resonance Spectroscopy and Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2020, 87, 225-233.	0.7	27
13	Volatility Estimates Increase Choice Switching and Relate to Prefrontal Activity in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 173-183.	1.1	32
14	Dissociating neural learning signals in human sign- and goal-trackers. Nature Human Behaviour, 2020, 4, 201-214.	6.2	51
15	Augmenting extinction learning with d-cycloserine reduces return of fear: a randomized, placebo-controlled fMRI study. Neuropsychopharmacology, 2020, 45, 499-506.	2.8	17
16	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€”From trajectories to mechanisms and interventions. Addiction Biology, 2020, 25, e12866.	1.4	135
17	Striatal Dopamine and Reward Prediction Error Signaling in Unmedicated Schizophrenia Patients. Schizophrenia Bulletin, 2020, 46, 1535-1546.	2.3	40
18	Reliance on model-based and model-free control in obesity. Scientific Reports, 2020, 10, 22433.	1.6	6

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19	Psychotische Erkrankungen (â€žSchizophrenieâ€œ). , 2020, , 275-296.		0
20	Decision-making in schizophrenia: A predictive-coding perspective. NeuroImage, 2019, 190, 133-143.	2.1	58
21	Pavlovian-To-Instrumental Transfer and Alcohol Consumption in Young Male Social Drinkers: Behavioral, Neural and Polygenic Correlates. Journal of Clinical Medicine, 2019, 8, 1188.	1.0	24
22	Association of NPSR1 gene variation and neural activity in patients with panic disorder and agoraphobia and healthy controls. NeuroImage: Clinical, 2019, 24, 102029.	1.4	8
23	Pupil dilation as an implicit measure of appetitive Pavlovian learning. Psychophysiology, 2019, 56, e13463.	1.2	22
24	Opposing roles for amygdala and vmPFC in the return of appetitive conditioned responses in humans. Translational Psychiatry, 2019, 9, 148.	2.4	18
25	Neuroimaging and Antipsychotics. , 2019, , 267-301.		0
26	Towards a Unifying Cognitive, Neurophysiological, and Computational Neuroscience Account of Schizophrenia. Schizophrenia Bulletin, 2019, 45, 1092-1100.	2.3	83
27	Neural correlates of instrumental responding in the context of alcohol-related cues index disorder severity and relapse risk. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 295-308.	1.8	30
28	Reduced parietofrontal effective connectivity during a working-memory task in people with high delusional ideation. Journal of Psychiatry and Neuroscience, 2019, 44, 195-204.	1.4	7
29	Reward and loss anticipation in panic disorder: An fMRI study. Psychiatry Research - Neuroimaging, 2018, 271, 111-117.	0.9	8
30	Effects of Cognitive Behavioral Therapy on Neural Processing of Agoraphobia-Specific Stimuli in Panic Disorder and Agoraphobia. Psychotherapy and Psychosomatics, 2018, 87, 350-365.	4.0	7
31	Epigenetic variance in dopamine D2 receptor: a marker of IQ malleability?. Translational Psychiatry, 2018, 8, 169.	2.4	23
32	Modeling subjective relevance in schizophrenia and its relation to aberrant salience. PLoS Computational Biology, 2018, 14, e1006319.	1.5	23
33	Acute and past subjective stress influence working memory and related neural substrates. Psychoneuroendocrinology, 2018, 96, 25-34.	1.3	32
34	Impaired Flexible Reward-Based Decision-Making in Binge Eating Disorder: Evidence from Computational Modeling and Functional Neuroimaging. Neuropsychopharmacology, 2017, 42, 628-637.	2.8	83
35	Dorsolateral prefrontal cortex contributes to the impaired behavioral adaptation in alcohol dependence. NeuroImage: Clinical, 2017, 15, 80-94.	1.4	42
36	Combining D-cycloserine with appetitive extinction learning modulates amygdala activity during recall. Neurobiology of Learning and Memory, 2017, 142, 209-217.	1.0	13

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37	When Habits Are Dangerous: Alcohol Expectancies and Habitual Decision Making Predict Relapse in Alcohol Dependence. Biological Psychiatry, 2017, 82, 847-856.	0.7	133
38	Reversal learning reveals cognitive deficits and altered prediction error encoding in the ventral striatum in Huntingtonâ€™s disease. Brain Imaging and Behavior, 2017, 11, 1862-1872.	1.1	6
39	Computational approaches to schizophrenia: A perspective on negative symptoms. Schizophrenia Research, 2017, 186, 46-54.	1.1	27
40	Targeted intervention: Computational approaches to elucidate and predict relapse in alcoholism. NeuroImage, 2017, 151, 33-44.	2.1	28
41	How Accumulated Real Life Stress Experience and Cognitive Speed Interact on Decision-Making Processes. Frontiers in Human Neuroscience, 2017, 11, 302.	1.0	17
42	Risk Factors for Addiction and Their Association with Model-Based Behavioral Control. Frontiers in Behavioral Neuroscience, 2016, 10, 26.	1.0	23
43	Slips of Action and Sequential Decisions: A Cross-Validation Study of Tasks Assessing Habitual and Goal-Directed Action Control. Frontiers in Behavioral Neuroscience, 2016, 10, 234.	1.0	29
44	Pavlovian-to-instrumental transfer effects in the nucleus accumbens relate to relapse in alcohol dependence. Addiction Biology, 2016, 21, 719-731.	1.4	136
45	Validating the construct of aberrant salience in schizophrenia â€” Behavioral evidence for an automatic process. Schizophrenia Research: Cognition, 2016, 6, 22-27.	0.7	18
46	The Feedback-related Negativity Codes Components of Abstract Inference during Reward-based Decision-making. Journal of Cognitive Neuroscience, 2016, 28, 1127-1138.	1.1	8
47	A hierarchical model for integrating unsupervised generative embedding and empirical Bayes. Journal of Neuroscience Methods, 2016, 269, 6-20.	1.3	23
48	Dimensional psychiatry: mental disorders as dysfunctions of basic learning mechanisms. Journal of Neural Transmission, 2016, 123, 809-821.	1.4	30
49	Affective responses across psychiatric disordersâ€”A dimensional approach. Neuroscience Letters, 2016, 623, 71-78.	1.0	34
50	Model-Free Temporal-Difference Learning and Dopamine in Alcohol Dependence: Examining Concepts From Theory and Animals in Human Imaging. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 401-410.	1.1	12
51	Behavioral and Neural Signatures of Reduced Updating of Alternative Options in Alcohol-Dependent Patients during Flexible Decision-Making. Journal of Neuroscience, 2016, 36, 10935-10948.	1.7	66
52	Facing the fear â€“ clinical and neural effects of cognitive behavioural and pharmacotherapy in panic disorder with agoraphobia. European Neuropsychopharmacology, 2016, 26, 431-444.	0.3	19
53	Striatal dopamine, reward, and decision making in schizophrenia. Dialogues in Clinical Neuroscience, 2016, 18, 77-89.	1.8	38
54	Interactions between glutamate, dopamine, and the neuronal signature of response inhibition in the human striatum. Human Brain Mapping, 2015, 36, 4031-4040.	1.9	22

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55	Diagnostic Classification of Schizophrenia Patients on the Basis of Regional Reward-Related fMRI Signal Patterns. PLoS ONE, 2015, 10, e0119089.	1.1	37
56	The interaction of acute and chronic stress impairs model-based behavioral control. Psychoneuroendocrinology, 2015, 53, 268-280.	1.3	88
57	Chronic alcohol intake abolishes the relationship between dopamine synthesis capacity and learning signals in the ventral striatum. European Journal of Neuroscience, 2015, 41, 477-486.	1.2	45
58	Ventral striatal dopamine reflects behavioral and neural signatures of model-based control during sequential decision making. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1595-1600.	3.3	200
59	Aberrant Salience Is Related to Dysfunctional Self-Referential Processing in Psychosis. Schizophrenia Bulletin, 2015, 42, sbv098.	2.3	51
60	Prefrontal and Striatal Glutamate Differently Relate to Striatal Dopamine: Potential Regulatory Mechanisms of Striatal Presynaptic Dopamine Function?. Journal of Neuroscience, 2015, 35, 9615-9621.	1.7	50
61	Aberrant Salience Is Related to Reduced Reinforcement Learning Signals and Elevated Dopamine Synthesis Capacity in Healthy Adults. Journal of Neuroscience, 2015, 35, 10103-10111.	1.7	46
62	Reduced default mode network connectivity in schizophrenia patients. Schizophrenia Research, 2015, 165, 90-93.	1.1	36
63	The effects of life stress and neural learning signals on fluid intelligence. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 35-43.	1.8	14
64	Ventral Striatal Activation During Reward Processing in Psychosis. JAMA Psychiatry, 2015, 72, 1243.	6.0	282
65	Dimensional psychiatry: reward dysfunction and depressive mood across psychiatric disorders. Psychopharmacology, 2015, 232, 331-341.	1.5	159
66	Devaluation and sequential decisions: linking goal-directed and model-based behavior. Frontiers in Human Neuroscience, 2014, 8, 587.	1.0	59
67	Pavlovian-to-Instrumental Transfer in Alcohol Dependence: A Pilot Study. Neuropsychobiology, 2014, 70, 111-121.	0.9	76
68	Model-Based and Model-Free Decisions in Alcohol Dependence. Neuropsychobiology, 2014, 70, 122-131.	0.9	154
69	Neural activation during processing of aversive faces predicts treatment outcome in alcoholism. Addiction Biology, 2014, 19, 439-451.	1.4	55
70	Response inhibition and its relation to multidimensional impulsivity. NeuroImage, 2014, 103, 241-248.	2.1	103
71	Striatal dysfunction during reversal learning in unmedicated schizophrenia patients. NeuroImage, 2014, 89, 171-180.	2.1	221
72	Dissecting psychiatric spectrum disorders by generative embedding. NeuroImage: Clinical, 2014, 4, 98-111.	1.4	150

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73	Ventral striatal prediction error signaling is associated with dopamine synthesis capacity and fluid intelligence. Human Brain Mapping, 2013, 34, 1490-1499.	1.9	94
74	Neural correlates of risk taking in violent criminal offenders characterized by emotional hypo- and hyper-reactivity. Social Neuroscience, 2013, 8, 136-147.	0.7	35
75	Altered amygdala activation in schizophrenia patients during emotion processing. Schizophrenia Research, 2013, 150, 101-106.	1.1	45
76	Context insensitivity during positive and negative emotional expectancy in depression assessed with functional magnetic resonance imaging. Psychiatry Research - Neuroimaging, 2013, 212, 28-35.	0.9	21
77	Reinforcement Learning and Dopamine in Schizophrenia: Dimensions of Symptoms or Specific Features of a Disease Group?. Frontiers in Psychiatry, 2013, 4, 172.	1.3	74
78	Increased Turnover of Dopamine in Caudate Nucleus of Detoxified Alcoholic Patients. PLoS ONE, 2013, 8, e73903.	1.1	13
79	Reduced Prefrontal-Parietal Effective Connectivity and Working Memory Deficits in Schizophrenia. Journal of Neuroscience, 2012, 32, 12-20.	1.7	205
80	Hyporeactivity of ventral striatum towards incentive stimuli in unmedicated depressed patients normalizes after treatment with escitalopram. Journal of Psychopharmacology, 2012, 26, 677-688.	2.0	231
81	Ventral Striatal Activation during Reward Processing in Subjects with Ultra-High Risk for Schizophrenia. Neuropsychobiology, 2012, 66, 50-56.	0.9	79
82	Effect of Brain Structure, Brain Function, and Brain Connectivity on Relapse in Alcohol-Dependent Patients. Archives of General Psychiatry, 2012, 69, 842.	13.8	241
83	Implicit motivational value and salience are processed in distinct areas of orbitofrontal cortex. NeuroImage, 2012, 62, 1717-1725.	2.1	43
84	Hemispheric Asymmetry for Affective Stimulus Processing in Healthy Subjectsâ€“A fMRI Study. PLoS ONE, 2012, 7, e46931.	1.1	57
85	Childhood methylphenidate treatment of ADHD and response to affective stimuli. European Neuropsychopharmacology, 2011, 21, 646-654.	0.3	32
86	Reward processing in male adults with childhood ADHDâ€"a comparison between drug-naÃ¯ve and methylphenidate-treated subjects. Psychopharmacology, 2011, 215, 467-481.	1.5	72
87	Regional cerebral glucose metabolism and anxiety symptoms in bipolar depression: Effects of levothyroxine. Psychiatry Research - Neuroimaging, 2010, 181, 71-76.	0.9	11
88	Dopaminergic Dysfunction in Schizophrenia: Salience Attribution Revisited. Schizophrenia Bulletin, 2010, 36, 472-485.	2.3	346
89	Switching schizophrenia patients from typical neuroleptics to aripiprazole: Effects on working memory dependent functional activation. Schizophrenia Research, 2010, 118, 189-200.	1.1	51
90	Effect of the TaqIA polymorphism on ethanol response in the brain. Psychiatry Research - Neuroimaging, 2009, 174, 163-170.	0.9	10

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91	5-HTT genotype effect on prefrontalâ€“amygdala coupling differs between major depression and controls. Psychopharmacology, 2009, 205, 261-271.	1.5	96
92	A preliminary study of increased amygdala activation to positive affective stimuli in mania. Bipolar Disorders, 2009, 11, 70-75.	1.1	66
93	Reward Feedback Alterations in Unmedicated Schizophrenia Patients: Relevance for Delusions. Biological Psychiatry, 2009, 65, 1032-1039.	0.7	179
94	Ventral Striatal Activation During Reward Anticipation Correlates with Impulsivity in Alcoholics. Biological Psychiatry, 2009, 66, 734-742.	0.7	412
95	Reward system activation in schizophrenic patients switched from typical neuroleptics to olanzapine. Psychopharmacology, 2008, 196, 673-684.	1.5	194
96	Dopamine in amygdala gates limbic processing of aversive stimuli in humans. Nature Neuroscience, 2008, 11, 1381-1382.	7.1	150
97	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. Psychiatry Research - Neuroimaging, 2008, 164, 81-85.	0.9	19
98	Regional patterns and clinical correlates of basal ganglia morphology in non-medicated schizophrenia. Schizophrenia Research, 2008, 106, 140-147.	1.1	73
99	Reward anticipation and outcomes in adult males with attention-deficit/hyperactivity disorder. NeuroImage, 2008, 39, 966-972.	2.1	287
100	Catechol-O-methyltransferase val158met genotype influences neural processing of reward anticipation. NeuroImage, 2008, 42, 1631-1638.	2.1	63
101	Switching schizophrenia patients from typical neuroleptics to olanzapine: Effects on BOLD response during attention and working memory. European Neuropsychopharmacology, 2008, 18, 589-599.	0.3	50
102	Dysfunction of reward processing correlates with alcohol craving in detoxified alcoholics. NeuroImage, 2007, 35, 787-794.	2.1	434
103	Different neural systems adjust motor behavior in response to reward and punishment. NeuroImage, 2007, 36, 1253-1262.	2.1	152
104	Dysfunction of ventral striatal reward prediction in schizophrenia. NeuroImage, 2006, 29, 409-416.	2.1	525
105	Dysfunction of ventral striatal reward prediction in schizophrenic patients treated with typical, not atypical, neuroleptics. Psychopharmacology, 2006, 187, 222-228.	1.5	297
106	Orbitofrontal Cortical Dysfunction in Akinetic Catatonia: A Functional Magnetic Resonance Imaging Study During Negative Emotional Stimulation. Schizophrenia Bulletin, 2004, 30, 405-427.	2.3	128
107	GABA-ergic Modulation of Prefrontal Spatio-temporal Activation Pattern during Emotional Processing: A Combined fMRI/MEG Study with Placebo and Lorazepam. Journal of Cognitive Neuroscience, 2002, 14, 348-370.	1.1	46