Matthijs Vink

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2986748/publications.pdf

Version: 2024-02-01

87	4,634	87723 38	106150 65
papers	citations	h-index	g-index

88	88	88	6472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep brain stimulation restores frontostriatal network activity in obsessive-compulsive disorder. Nature Neuroscience, 2013, 16, 386-387.	7.1	379
2	Dysfunctional Reward Circuitry in Obsessive-Compulsive Disorder. Biological Psychiatry, 2011, 69, 867-874.	0.7	285
3	On the Role of the Striatum in Response Inhibition. PLoS ONE, 2010, 5, e13848.	1.1	270
4	Function of striatum beyond inhibition and execution of motor responses. Human Brain Mapping, 2005, 25, 336-344.	1.9	182
5	Expectations and violations: Delineating the neural network of proactive inhibitory control. Human Brain Mapping, 2013, 34, 2015-2024.	1.9	151
6	Chronic effects of cannabis use on the human reward system: An fMRI study. European Neuropsychopharmacology, 2010, 20, 153-163.	0.3	150
7	Functional differences in emotion processing during adolescence and early adulthood. NeuroImage, 2014, 91, 70-76.	2.1	121
8	Testâ€“retest reliability of fMRI activation during prosaccades and antisaccades. NeuroImage, 2007, 36, 532-542.	2.1	119
9	Reduced Proactive Inhibition in Schizophrenia Is Related to Corticostriatal Dysfunction and Poor Working Memory. Biological Psychiatry, 2011, 70, 1151-1158.	0.7	118
10	Cardiorespiratory effects on defaultâ€mode network activity as measured with fMRI. Human Brain Mapping, 2009, 30, 3031-3042.	1.9	113
11	Transcranial Magnetic Stimulation and Functional MRI Reveal Cortical and Subcortical Interactions during Stop-signal Response Inhibition. Journal of Cognitive Neuroscience, 2013, 25, 157-174.	1.1	108
12	HIV infection and the frontoâ€“striatal system. Aids, 2014, 28, 803-811.	1.0	107
13	Common and unique neural networks for proactive and reactive response inhibition revealed by independent component analysis of functional MRI data. NeuroImage, 2014, 103, 65-74.	2.1	103
14	Striatal Dysfunction in Schizophrenia and Unaffected Relatives. Biological Psychiatry, 2006, 60, 32-39.	0.7	102
15	Reduced functional coupling in the defaultâ€mode network during selfâ€referential processing. Human Brain Mapping, 2010, 31, 1117-1127.	1.9	101
16	Contribution of the left and right inferior frontal gyrus in recovery from aphasia. A functional MRI study in stroke patients with preserved hemodynamic responsiveness. NeuroImage, 2010, 49, 885-893.	2.1	101
17	Frontostriatal activity and connectivity increase during proactive inhibition across adolescence and early adulthood. Human Brain Mapping, 2014, 35, 4415-4427.	1.9	96
18	Within-subject variation in BOLD-fMRI signal changes across repeated measurements: Quantification and implications for sample size. NeuroImage, 2008, 42, 196-206.	2.1	92

#	Article	IF	Citations
19	Predicting Treatment Outcome in PTSD: A Longitudinal Functional MRI Study on Trauma-Unrelated Emotional Processing. Neuropsychopharmacology, 2016, 41, 1156-1165.	2.8	89
20	Neural Correlates of Inhibition and Contextual Cue Processing Related to Treatment Response in PTSD. Neuropsychopharmacology, 2015, 40, 667-675.	2.8	78
21	Topâ€“downâ€directed synchrony from medial frontal cortex to nucleus accumbens during reward anticipation. Human Brain Mapping, 2012, 33, 246-252.	1.9	71
22	Default-mode network dysfunction and self-referential processing in healthy siblings of schizophrenia patients. Schizophrenia Research, 2012, 142, 237-243.	1.1	70
23	Fronto-striatal Dysfunction During Reward Processing in Unaffected Siblings of Schizophrenia Patients. Schizophrenia Bulletin, 2015, 41, 94-103.	2.3	70
24	Brain Activation During Antisaccades in Unaffected Relatives of Schizophrenic Patients. Biological Psychiatry, 2006, 59, 530-535.	0.7	67
25	Different developmental trajectories for anticipation and receipt of reward during adolescence. Developmental Cognitive Neuroscience, 2013, 6, 113-124.	1.9	63
26	Left dorsolateral prefrontal cortex dysfunction in medication-naive schizophrenia. Schizophrenia Research, 2010, 123, 22-29.	1.1	60
27	Exaggerated Brain Activation During Emotion Processing in Unaffected Siblings of Patients with Schizophrenia. Biological Psychiatry, 2011, 70, 81-87.	0.7	60
28	Prefrontal lobe dysfunction predicts treatment response in medication-naive first-episode schizophrenia. Schizophrenia Research, 2011, 129, 156-162.	1.1	59
29	Impaired right inferior frontal gyrus response to contextual cues in male veterans with PTSD during response inhibition. Journal of Psychiatry and Neuroscience, 2014, 39, 330-338.	1.4	59
30	Effects of an extra X chromosome on language lateralization: An fMRI study with Klinefelter men (47,XXY). Schizophrenia Research, 2008, 101, 17-25.	1.1	56
31	Evidence of altered cortical and amygdala activation during social decision-making in schizophrenia. NeuroImage, 2008, 40, 719-727.	2.1	53
32	A Functional and Structural Investigation of the Human Fronto-Basal Volitional Saccade Network. PLoS ONE, 2012, 7, e29517.	1.1	52
33	The role of stopâ€signal probability and expectation in proactive inhibition. European Journal of Neuroscience, 2015, 41, 1086-1094.	1.2	51
34	Effects of Aging on BOLD fMRI during Prosaccades and Antisaccades. Journal of Cognitive Neuroscience, 2006, 18, 594-603.	1.1	50
35	Review of functional MRI in HIV: effects of aging and medication. Journal of NeuroVirology, 2017, 23, 20-32.	1.0	49
36	The effect of aging on fronto-striatal reactive and proactive inhibitory control. NeuroImage, 2016, 132, 51-58.	2.1	48

#	Article	IF	Citations
37	Trait and state dependent functional impairments in bipolar disorder. Psychiatry Research - Neuroimaging, 2010, 184, 135-142.	0.9	43
38	Testâ€“retest variability underlying fMRI measurements. NeuroImage, 2012, 60, 717-727.	2.1	42
39	Impact of aging on frontostriatal reward processing. Human Brain Mapping, 2015, 36, 2305-2317.	1.9	40
40	Reduced language lateralization in first-episode medication-naive schizophrenia. Schizophrenia Research, 2011, 127, 195-201.	1.1	36
41	fMRI-Guided TMS on Cortical Eye Fields: The Frontal But Not Intraparietal Eye Fields Regulate the Coupling Between Visuospatial Attention and Eye Movements. Journal of Neurophysiology, 2009, 102, 3469-3480.	0.9	35
42	Working Memory and Default Mode Network abnormalities in unaffected siblings of schizophrenia patients. Schizophrenia Research, 2013, 150, 555-562.	1.1	34
43	An exploratory fMRI study into inferences of self-agency. Social Cognitive and Affective Neuroscience, 2015, 10, 708-712.	1.5	30
44	Distinct neural responses to conscious versus unconscious monetary reward cues. Human Brain Mapping, 2014, 35, 5578-5586.	1.9	29
45	The YOUth study: Rationale, design, and study procedures. Developmental Cognitive Neuroscience, 2020, 46, 100868.	1.9	27
46	Neural correlates of trauma-unrelated emotional processing in war veterans with PTSD. Psychological Medicine, 2015, 45, 575-587.	2.7	26
47	Towards an integrated account of the development of self-regulation from a neurocognitive perspective: A framework for current and future longitudinal multi-modal investigations. Developmental Cognitive Neuroscience, 2020, 45, 100829.	1.9	26
48	Ventral striatum is related to within-subject learning performance. Neuroscience, 2013, 250, 408-416.	1.1	23
49	The YOUth cohort study: MRI protocol and test-retest reliability in adults. Developmental Cognitive Neuroscience, 2020, 45, 100816.	1.9	23
50	Revisiting multi-subject random effects in fMRI: Advocating prevalence estimation. NeuroImage, 2014, 84, 113-121.	2.1	21
51	DRD2 Schizophrenia-Risk Allele Is Associated With Impaired Striatal Functioning in Unaffected Siblings of Schizophrenia Patients. Schizophrenia Bulletin, 2016, 42, 843-850.	2.3	21
52	Diminishing striatal activation across adolescent development during reward anticipation in offspring of schizophrenia patients. Schizophrenia Research, 2016, 170, 73-79.	1.1	21
53	Prefrontal cortical thinning in HIV infection is associated with impaired striatal functioning. Journal of Neural Transmission, 2016, 123, 643-651.	1.4	20
54	Objective and Subjective Improvement of Cognition After Discontinuing Efavirenz in Asymptomatic Patients: A Randomized Controlled Trial. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 80, e14-e22.	0.9	20

#	Article	IF	Citations
55	Effort responses to suboptimal reward cues are related to striatal dopaminergic functioning. Motivation and Emotion, 2014, 38, 759-770.	0.8	19
56	Insight and white matter fractional anisotropy in first-episode schizophrenia. Schizophrenia Research, 2017, 183, 88-94.	1.1	19
57	HIV Infection Is Associated with Impaired Striatal Function during Inhibition with Normal Cortical Functioning on Functional MRI. Journal of the International Neuropsychological Society, 2015, 21, 722-731.	1.2	18
58	Dorsal striatal volumes in never-treated patients with first-episode schizophrenia before and during acute treatment. Schizophrenia Research, 2015, 169, 89-94.	1.1	17
59	Symptom attribution and frontal cortical thickness in firstâ€episode schizophrenia. Microbial Biotechnology, 2018, 12, 652-659.	0.9	17
60	HIV infection results in ventralâ€“striatal reward system hypo-activation during cue processing. Aids, 2015, 29, 1335-1343.	1.0	16
61	Negative priming in schizophrenia revisited. Schizophrenia Research, 2005, 79, 211-216.	1.1	15
62	Reduced frontoâ€“striatal white matter integrity in schizophrenia patients and unaffected siblings: a DTI study. NPJ Schizophrenia, 2015, 1, 15001.	2.0	14
63	Perceptual bias following visual target selection. NeuroImage, 2005, 25, 1168-1174.	2.1	13
64	Changes in White Matter Organization in Adolescent Offspring of Schizophrenia Patients. Neuropsychopharmacology, 2017, 42, 495-501.	2.8	13
65	Reward processing dysfunction in ventral striatum and orbitofrontal cortex in Parkinson's disease. Parkinsonism and Related Disorders, 2018, 48, 82-88.	1.1	13
66	Disrupted upregulation of salience network connectivity during acute stress in siblings of schizophrenia patients. Psychological Medicine, 2021, 51, 1038-1048.	2.7	13
67	Human fronto-tectal and fronto-striatal-tectal pathways activate differently during anti-saccades. Frontiers in Human Neuroscience, 2010, 4, 41.	1.0	12
68	Changes in brain regions associated with food-intake regulation, body mass and metabolic profiles during acute antipsychotic treatment in first-episode schizophrenia. Psychiatry Research - Neuroimaging, 2015, 233, 186-193.	0.9	12
69	Brain activation related to retrosaccades in saccade experiments. NeuroReport, 2005, 16, 1043-1047.	0.6	11
70	Alcohol-related Attentional Bias Variability and Conflicting Automatic Associations. Journal of Experimental Psychopathology, 2018, 9, 204380871877963.	0.4	11
71	Striatal activity during reactive inhibition is related to the expectation of stop-signals. Neuroscience, 2017, 361, 192-198.	1.1	9
72	Childhood trauma exposure and reward processing in healthy adults: A functional neuroimaging study. Journal of Neuroscience Research, 2022, 100, 1452-1462.	1.3	7

#	Article	IF	Citations
73	Impaired frontal processing during agency inferences in schizophrenia. Psychiatry Research - Neuroimaging, 2016, 248, 134-141.	0.9	6
74	Using subjective expectations to model the neural underpinnings of proactive inhibition. European Journal of Neuroscience, 2019, 49, 1575-1586.	1.2	6
75	Spatial anticipatory attentional bias for threat: Reliable individual differences with RT-based online measurement. Consciousness and Cognition, 2020, 81, 102930.	0.8	6
76	A landscape-based cluster analysis using recursive search instead of a threshold parameter. MethodsX, 2016, 3, 477-482.	0.7	5
77	Threat-induced impulsivity in Go/Nogo tasks: Relationships to task-relevance of emotional stimuli and virtual proximity. Consciousness and Cognition, 2019, 74, 102795.	0.8	5
78	Anticipation-specific reliability and trial-to-trial carryover of anticipatory attentional bias for threat. Journal of Cognitive Psychology, 2019, 31, 750-759.	0.4	5
79	Predictive cues and spatial attentional bias for alcohol: Manipulations of cue-outcome mapping. Addictive Behaviors, 2020, 103, 106247.	1.7	5
80	Experimental control of conflict in a predictive visual probe task: Highly reliable bias scores related to anxiety. Acta Psychologica, 2021, 218, 103357.	0.7	5
81	Reward-Related Striatal Responses Following Stress in Healthy Individuals and Patients With Bipolar Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 966-974.	1.1	4
82	Efavirenz is associated with altered fronto-striatal function in HIV+ adolescents. Journal of NeuroVirology, 2019, 25, 783-791.	1.0	4
83	Association Between a Variable Number Tandem Repeat Polymorphism Within the DAT1 Gene and the Mesolimbic Pathway in Parkinson's Disease. Frontiers in Neurology, 2020, 11, 982.	1.1	4
84	Freeze or forget? Virtual attack effects in an Emotional Sternberg Task. Europe's Journal of Psychology, 2018, 14, 342-358.	0.6	3
85	Efectos crÃ³nicos del consumo de cannabis sobre el sistema de recompensa humano: un estudio de RMf. Psiquiatria Biologica, 2011, 18, 45-54.	0.0	2
86	Attentional bias for negative expressions depends on previous target location: replicable effect but unreliable measures. Journal of Cognitive Psychology, 2020, 32, 562-572.	0.4	2
87	Anticipated attack slows responses in a cued virtual attack emotional Sternberg Task. Europe's Journal of Psychology, 2021, 17, 31-43.	0.6	1