

# Marcus Herdener

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,904  
citations

304743

22  
h-index

276875

41  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2535  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fabric of Meaning and Subjective Effects in LSD-Induced States Depend on Serotonin 2A Receptor Activation. <i>Current Biology</i> , 2017, 27, 451-457.	3.9	281
2	The effect of appraisal level on processing of emotional prosody in meaningless speech. <i>NeuroImage</i> , 2008, 42, 919-927.	4.2	176
3	Rising Sound Intensity: An Intrinsic Warning Cue Activating the Amygdala. <i>Cerebral Cortex</i> , 2008, 18, 145-150.	2.9	131
4	Musical Training Induces Functional Plasticity in Human Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 1377-1384.	3.6	112
5	Functional changes of the reward system underlie blunted response to social gaze in cocaine users. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2842-2847.	7.1	89
6	Target cell-derived superoxide anions cause efficiency and selectivity of intercellular induction of apoptosis. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1260-1271.	2.9	83
7	Enhancing BOLD response in the auditory system by neurophysiologically tuned fMRI sequence. <i>NeuroImage</i> , 2006, 29, 1013-1022.	4.2	72
8	Differential patterns of multisensory interactions in core and belt areas of human auditory cortex. <i>NeuroImage</i> , 2006, 31, 294-300.	4.2	64
9	Spatial representations of temporal and spectral sound cues in human auditory cortex. <i>Cortex</i> , 2013, 49, 2822-2833.	2.4	50
10	Longitudinal changes in cocaine intake and cognition are linked to cortical thickness adaptations in cocaine users. <i>NeuroImage: Clinical</i> , 2019, 21, 101652.	2.7	45
11	Jazz Drummers Recruit Language-Specific Areas for the Processing of Rhythmic Structure. <i>Cerebral Cortex</i> , 2014, 24, 836-843.	2.9	44
12	Impaired glutamate homeostasis in the nucleus accumbens in human cocaine addiction. <i>Molecular Psychiatry</i> , 2021, 26, 5277-5285.	7.9	40
13	Shared neural basis of social and non-social reward deficits in chronic cocaine users. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1017-1025.	3.0	39
14	Self-regulation of the dopaminergic reward circuit in cocaine users with mental imagery and neurofeedback. <i>EBioMedicine</i> , 2018, 37, 489-498.	6.1	35
15	Clinical potential of methylphenidate in the treatment of cocaine addiction: a review of the current evidence. <i>Substance Abuse and Rehabilitation</i> , 2015, 6, 61.	4.8	34
16	Serotonin 2A Receptor Signaling Underlies LSD-induced Alteration of the Neural Response to Dynamic Changes in Music. <i>Cerebral Cortex</i> , 2018, 28, 3939-3950.	2.9	34
17	Investigating the association of ventral and dorsal striatal dysfunction during reward anticipation with negative symptoms in patients with schizophrenia and healthy individuals. <i>PLoS ONE</i> , 2018, 13, e0198215.	2.5	34
18	Altered lateralisation of emotional prosody processing in schizophrenia. <i>Schizophrenia Research</i> , 2009, 110, 180-187.	2.0	31

#	ARTICLE	IF	CITATIONS
19	One size does not fit allâ€” evolution of opioid agonist treatments in a naturalistic setting over 23 years. <i>Addiction</i> , 2019, 114, 103-111.	3.3	29
20	Glutamatergic and neurometabolic alterations in chronic cocaine users measured with <sup>1</sup> H-magnetic resonance spectroscopy. <i>Addiction Biology</i> , 2016, 21, 205-217.	2.6	28
21	Cognitive and neuroanatomical impairments associated with chronic exposure to levamisole-contaminated cocaine. <i>Translational Psychiatry</i> , 2018, 8, 235.	4.8	28
22	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	3.6	27
23	Subtle white matter alterations in schizophrenia identified with a new measure of fiber density. <i>Scientific Reports</i> , 2019, 9, 4636.	3.3	25
24	BOLD correlates of edge detection in human auditory cortex. <i>NeuroImage</i> , 2007, 36, 194-201.	4.2	23
25	Neural correlates of preattentive processing of pattern deviance in professional musicians. <i>Human Brain Mapping</i> , 2009, 30, 3736-3747.	3.6	23
26	Human pharmacology for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 227-250.	1.4	23
27	Predictors of real-time fMRI neurofeedback performance and improvement â€” A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	4.2	22
28	Coding of Melodic Gestalt in Human Auditory Cortex. <i>Cerebral Cortex</i> , 2013, 23, 2987-2993.	2.9	21
29	SmoCuDa: A Validated Smoking Cue Database to Reliably Induce Craving in Tobacco Use Disorder. <i>European Addiction Research</i> , 2021, 27, 107-114.	2.4	21
30	Neural underpinnings of prosexual effects induced by gamma-hydroxybutyrate in healthy male humans. <i>European Neuropsychopharmacology</i> , 2017, 27, 372-382.	0.7	20
31	Dissociated lateralization of transient and sustained blood oxygen level-dependent signal components in human primary auditory cortex. <i>NeuroImage</i> , 2007, 34, 1637-1642.	4.2	19
32	Cocaine Hydroxy Metabolites in Hair: Indicators for Cocaine Use Versus External Contamination†. <i>Journal of Analytical Toxicology</i> , 2019, 43, 543-552.	2.8	19
33	Changes in substance use in patients receiving opioid substitution therapy and resulting clinical challenges: a 17-year treatment case register analysis. <i>Lancet Psychiatry</i> , 2017, 4, 302-309.	7.4	16
34	Rethinking retention in treatment of opioid dependenceâ€”The eye of the beholder. <i>International Journal of Drug Policy</i> , 2017, 39, 109-113.	3.3	16
35	A comprehensive model of treatment participation in chronic disease allowed prediction of opioid substitution treatment participation in Zurich, 1992â€”2012. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1346-1354.	5.0	14
36	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. <i>NeuroImage: Clinical</i> , 2021, 32, 102825.	2.7	14

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37	Pregabalin Use Among Opioid-Addicted Patients in Switzerland. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 1202-1203.	2.2	14
38	Brain responses to auditory and visual stimulus offset: Shared representations of temporal edges. <i>Human Brain Mapping</i> , 2009, 30, 725-733.	3.6	13
39	Concomitant Heroin and Cocaine Use among Opioid-Dependent Patients during Methadone, Buprenorphine or Morphine Opioid Agonist Therapy. <i>European Addiction Research</i> , 2019, 25, 207-212.	2.4	11
40	Cannabis use in Switzerland 2015â€“2045: A population survey based model. <i>International Journal of Drug Policy</i> , 2019, 69, 55-59.	3.3	10
41	Aberrant striatal coupling with default mode and central executive network relates to self-reported avolition and anhedonia in schizophrenia. <i>Journal of Psychiatric Research</i> , 2022, 145, 263-275.	3.1	10
42	Insula-Specific 1H Magnetic Resonance Spectroscopy Reactions in Heavy Smokers under Acute Nicotine Withdrawal and after Oral Nicotine Substitution. <i>European Addiction Research</i> , 2013, 19, 184-193.	2.4	9
43	Disentangling cravingâ€and valenceâ€related brain responses to smoking cues in individuals with nicotine use disorder. <i>Addiction Biology</i> , 2022, 27, e13083.	2.6	9
44	Psychedelic-Assisted Therapy for Substance Use Disorders and Potential Mechanisms of Action. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 187-211.	1.7	8
45	Neurometabolic alterations in the nucleus accumbens of smokers assessed with <sup>1</sup> H magnetic resonance spectroscopy: The role of glutamate and neuroinflammation. <i>Addiction Biology</i> , 2021, 26, e13027.	2.6	7
46	Long-Term Opioid Agonist Treatment Participation after First Treatment Entry is Similar across 4 European Regions but Lower in Non-Nationals. <i>European Addiction Research</i> , 2018, 24, 173-183.	2.4	6
47	A multivariate approach for processing magnetization effects in triggered event-related functional magnetic resonance imaging time series. <i>NeuroImage</i> , 2006, 30, 136-143.	4.2	4
48	Evaluation of medication-assisted treatment of opioid dependenceâ€The physiciansâ€™ perspective. <i>Drug and Alcohol Dependence</i> , 2016, 164, 106-112.	3.2	3
49	Telecommunications Network Measurements of Online Gambling Behavior in Switzerland: A Feasibility Study. <i>European Addiction Research</i> , 2017, 23, 106-112.	2.4	3
50	Kokain. , 2019, , 121-142.		1
51	F164. VENTRAL AND DORSAL STRIATAL DYSFUNCTION DURING REWARD ANTICIPATION IS ASSOCIATED WITH NEGATIVE SYMPTOMS IN PATIENTS WITH SCHIZOPHRENIA AND HEALTHY INDIVIDUALS. <i>Schizophrenia Bulletin</i> , 2018, 44, S284-S284.	4.3	0
52	Automatic Discrimination of Auditory Stimuli Perceived by the Human Brain. <i>Lecture Notes in Computer Science</i> , 2020, , 205-211.	1.3	0