

# Michael Czisch

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,616  
citations

471509

17  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5798  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
2	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
3	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
4	Altered Processing of Acoustic Stimuli during Sleep: Reduced Auditory Activation and Visual Deactivation Detected by a Combined fMRI/EEG Study. <i>NeuroImage</i> , 2002, 16, 251-258.	4.2	191
5	Functional MRI during sleep: BOLD signal decreases and their electrophysiological correlates. <i>European Journal of Neuroscience</i> , 2004, 20, 566-574.	2.6	168
6	Mnemonic Training Reshapes Brain Networks to Support Superior Memory. <i>Neuron</i> , 2017, 93, 1227-1235.e6.	8.1	140
7	Tau protein is essential for stress-induced brain pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3755-63.	7.1	133
8	Spontaneous pupil dilations during the resting state are associated with activation of the salience network. <i>NeuroImage</i> , 2016, 139, 189-201.	4.2	103
9	Medial Prefrontal-Hippocampal Connectivity and Motor Memory Consolidation in Depression and Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 177-186.	1.3	100
10	Disentangling reward anticipation with simultaneous pupillometry / fMRI. <i>NeuroImage</i> , 2018, 178, 11-22.	4.2	68
11	Acoustic Oddball during NREM Sleep: A Combined EEG/fMRI Study. <i>PLoS ONE</i> , 2009, 4, e6749.	2.5	60
12	Neural correlates of insight in dreaming and psychosis. <i>Sleep Medicine Reviews</i> , 2015, 20, 92-99.	8.5	58
13	The brain's hemodynamic response function rapidly changes under acute psychosocial stress in association with genetic and endocrine stress response markers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10206-E10215.	7.1	53
14	Neural correlates of pupil dilation during human fear learning. <i>NeuroImage</i> , 2017, 147, 186-197.	4.2	51
15	The biological classification of mental disorders (BeCOME) study: a protocol for an observational deep-phenotyping study for the identification of biological subtypes. <i>BMC Psychiatry</i> , 2020, 20, 213.	2.6	36
16	Mn2+ dynamics in manganese-enhanced MRI (MEMRI): Cav1.2 channel-mediated uptake and preferential accumulation in projection terminals. <i>NeuroImage</i> , 2018, 169, 374-382.	4.2	23
17	Hippocampal-caudate nucleus interactions support exceptional memory performance. <i>Brain Structure and Function</i> , 2018, 223, 1379-1389.	2.3	22
18	Can long-distance migratory birds adjust to the advancement of spring by shortening migration distance? The response of the pied flycatcher to latitudinal photoperiodic variation. <i>Global Change Biology</i> , 2008, 14, 2516-2522.	9.5	16

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19	One night of partial sleep deprivation affects habituation of hypothalamus and skin conductance responses. <i>Journal of Neurophysiology</i> , 2014, 112, 1267-1276.	1.8	16
20	The amino acid transporter SLC6A15 is a regulator of hippocampal neurochemistry and behavior. <i>Journal of Psychiatric Research</i> , 2015, 68, 261-269.	3.1	16
21	Psychosocial stress reactivity habituates following acute physiological stress. <i>Human Brain Mapping</i> , 2020, 41, 4010-4023.	3.6	15
22	Bias and precision analysis of diffusional kurtosis imaging for different acquisition schemes. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1684-1696.	3.0	14
23	A diffusion model-free framework with echo time dependence for free-water elimination and brain tissue microstructure characterization. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2155-2172.	3.0	14
24	Pupil Dilation during Reward Anticipation Is Correlated to Depressive Symptom Load in Patients with Major Depressive Disorder. <i>Brain Sciences</i> , 2020, 10, 906.	2.3	14
25	Looping Star fMRI in Cognitive Tasks and Resting State. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 739-751.	3.4	12
26	Multi-echo EPI of human fear conditioning reveals improved BOLD detection in ventromedial prefrontal cortex. <i>NeuroImage</i> , 2017, 156, 65-77.	4.2	11
27	In Vivo Visualization of Active Polysynaptic Circuits With Longitudinal Manganese-Enhanced MRI (MEMRI). <i>Frontiers in Neural Circuits</i> , 2018, 12, 42.	2.8	11
28	Pupillometry tracks cognitive load and salience network activity in a working memory functional magnetic resonance imaging task. <i>Human Brain Mapping</i> , 2022, 43, 665-680.	3.6	10
29	Myo-Inositol Levels in the Dorsal Hippocampus Serve as Glial Prognostic Marker of Mild Cognitive Impairment in Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 731603.	3.4	6
30	Spatiotemporal Dynamics of Stress-Induced Network Reconfigurations Reflect Negative Affectivity. <i>Biological Psychiatry</i> , 2022, 92, 158-169.	1.3	6
31	Lack of FKBP51 Shapes Brain Structure and Connectivity in Male Mice. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1358-1365.	3.4	5
32	Model-free novelty-based diffusion MRI. , 2016, , .		4
33	Low Prevalence of Isolated Growth Hormone Deficiency in Patients After Brain Injury: Results From a Phase II Pilot Study. <i>Frontiers in Endocrinology</i> , 2018, 9, 723.	3.5	2
34	Structural correlates of trauma-induced hyperarousal in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110404.	4.8	2
35	Startle Latency as a Potential Marker for Amygdala-Mediated Hyperarousal. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 406-416.	1.5	1
36	O2-12-06: Microtubule-associated protein tau is important for stress-driven depressive pathology and cognitive deficits. , 2015, 11, P204-P204.		0