

Florian P Fischmeister

List of Publications by Year in descending order

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75
papers

2,074
citations

331259

21
h-index

264894

42
g-index

91
all docs

91
docs citations

91
times ranked

3272
citing authors

#	ARTICLE	IF	CITATIONS
1	More Than Smell—COVID-19 Is Associated With Severe Impairment of Smell, Taste, and Chemesthesis. <i>Chemical Senses</i> , 2020, 45, 609-622.	1.1	375
2	Altered reward processing in the nucleus accumbens and mesial prefrontal cortex of patients with posttraumatic stress disorder. <i>Neuropsychologia</i> , 2008, 46, 2836-2844.	0.7	169
3	Recent Smell Loss Is the Best Predictor of COVID-19 Among Individuals With Recent Respiratory Symptoms. <i>Chemical Senses</i> , 2021, 46, .	1.1	119
4	Olfactory training induces changes in regional functional connectivity in patients with long-term smell loss. <i>NeuroImage: Clinical</i> , 2015, 9, 401-410.	1.4	110
5	Functional neuroanatomy of the perception of modern art: A DC—EEG study on the influence of stylistic information on aesthetic experience. <i>Brain Research</i> , 2007, 1158, 93-102.	1.1	73
6	Fractal image perception provides novel insights into hierarchical cognition. <i>NeuroImage</i> , 2014, 96, 300-308.	2.1	66
7	Fully exploratory network ICA (FENICA) on resting-state fMRI data. <i>Journal of Neuroscience Methods</i> , 2010, 192, 207-213.	1.3	65
8	Influence of 4-week multi-strain probiotic administration on resting-state functional connectivity in healthy volunteers. <i>European Journal of Nutrition</i> , 2019, 58, 1821-1827.	1.8	64
9	Effects of learning on feedback-related brain potentials in a decision-making task. <i>Brain Research</i> , 2010, 1342, 85-93.	1.1	60
10	Limb—kinetic apraxia affects activities of daily living in Parkinson's disease: a multi—center study. <i>European Journal of Neurology</i> , 2016, 23, 1301-1307.	1.7	54
11	Do we care about the powerless third? An ERP study of the three-person ultimatum game. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 59.	1.0	48
12	The interictal language profile in adult epilepsy. <i>Epilepsia</i> , 2014, 55, 1512-1525.	2.6	47
13	Facial aesthetics and the assignment of personality traits before and after orthognathic surgery. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2012, 41, 469-476.	0.7	39
14	The benefits of skull stripping in the normalization of clinical fMRI data. <i>NeuroImage: Clinical</i> , 2013, 3, 369-380.	1.4	37
15	Model-free fMRI group analysis using FENICA. <i>NeuroImage</i> , 2011, 55, 185-193.	2.1	35
16	Cyclic alternating pattern and sleep quality in healthy subjects—Is there a first-night effect on different approaches of sleep quality?. <i>Biological Psychology</i> , 2010, 83, 20-26.	1.1	34
17	Finger dexterity deficits in Parkinson's disease and somatosensory cortical dysfunction. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 259-265.	1.1	32
18	Individual differences in brain activity during visuo-spatial processing assessed by slow cortical potentials and LORETA. <i>Cognitive Brain Research</i> , 2005, 25, 900-912.	3.3	31

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19	Self-similarity and recursion as default modes in human cognition. <i>Cortex</i> , 2017, 97, 183-201.	1.1	27
20	Neural correlates of monocular and binocular depth cues based on natural images: A LORETA analysis. <i>Vision Research</i> , 2006, 46, 3373-3380.	0.7	25
21	Imaging the changing role of feedback during learning in decision-making. <i>NeuroImage</i> , 2007, 37, 1474-1486.	2.1	24
22	The role of the corpus callosum in language network connectivity in children. <i>Developmental Science</i> , 2021, 24, e13031.	1.3	24
23	Reduced B12 uptake and increased gastrointestinal formate are associated with archaeome-mediated breath methane emission in humans. <i>Microbiome</i> , 2021, 9, 193.	4.9	24
24	New Type of Cortical Neuroplasticity After Nerve Repair in Brachial Plexus Lesions. <i>Archives of Neurology</i> , 2011, 68, 1467.	4.9	22
25	A systematic investigation of the invariance of resting-state network patterns: is resting-state fMRI ready for pre-surgical planning?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 95.	1.0	21
26	The effects of probiotics administration on the gut microbiome in adolescents with anorexia nervosa – A study protocol for a longitudinal, double-blind, randomized, placebo-controlled trial. <i>European Eating Disorders Review</i> , 2022, 30, 61-74.	2.3	21
27	Agency matters! Social preferences in the three-person ultimatum game. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 312.	1.0	20
28	Weaker semantic language lateralization associated with better semantic language performance in healthy right-handed children. <i>Brain and Behavior</i> , 2018, 8, e01072.	1.0	19
29	Absence of neural speech discrimination in preterm infants at term-equivalent age. <i>Developmental Cognitive Neuroscience</i> , 2019, 39, 100679.	1.9	19
30	Atypical language representation is unfavorable for language abilities following childhood stroke. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 102-116.	0.7	18
31	When to collect resting-state data: The influence of odor on post-task resting-state connectivity. <i>NeuroImage</i> , 2019, 191, 361-366.	2.1	17
32	Human body odor increases familiarity for faces during encoding-retrieval task. <i>Human Brain Mapping</i> , 2020, 41, 1904-1919.	1.9	17
33	Applying Independent Component Analysis to Clinical fMRI at 7T. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 496.	1.0	16
34	The clinical relevance of distortion correction in presurgical fMRI at 7 T. <i>NeuroImage</i> , 2018, 168, 490-498.	2.1	16
35	Effect of corpus callosum agenesis on the language network in children and adolescents. <i>Brain Structure and Function</i> , 2021, 226, 701-713.	1.2	16
36	Differential functional benefits of ultra highfield MR systems within the language network. <i>NeuroImage</i> , 2014, 103, 163-170.	2.1	14

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37	When two are better than one: Bilateral mesial temporal lobe contributions associated with better vocabulary skills in children and adolescents. <i>Brain and Language</i> , 2018, 184, 1-10.	0.8	14
38	Windows on the Human Body – in Vivo High-Field Magnetic Resonance Research and Applications in Medicine and Psychology. <i>Sensors</i> , 2010, 10, 5724-5757.	2.1	12
39	Visual image retention does not contribute to modulation of event-related potentials by mental rotation. <i>Brain and Cognition</i> , 2013, 83, 163-170.	0.8	12
40	Variability of Clinical Functional MR Imaging Results: A Multicenter Study. <i>Radiology</i> , 2013, 268, 521-531.	3.6	12
41	Effects of individual glucose levels on the neuronal correlates of emotions. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 212.	1.0	11
42	Comparing the Microvascular Specificity of the 3- and 7-T BOLD Response Using ICA and Susceptibility-Weighted Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 474.	1.0	11
43	The physiology of oral whistling: a combined radiographic and MRI analysis. <i>Journal of Applied Physiology</i> , 2018, 124, 34-39.	1.2	11
44	Improving sensitivity, specificity, and reproducibility of individual brainstem activation. <i>Brain Structure and Function</i> , 2019, 224, 2823-2838.	1.2	11
45	FACET – a Flexible Artifact Correction and Evaluation Toolbox – for concurrently recorded EEG/fMRI data. <i>BMC Neuroscience</i> , 2013, 14, 138.	0.8	10
46	Recursive music elucidates neural mechanisms supporting the generation and detection of melodic hierarchies. <i>Brain Structure and Function</i> , 2020, 225, 1997-2015.	1.2	10
47	Influence of socioeconomic status on cognitive outcome after childhood arterial ischemic stroke. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 465-471.	1.1	10
48	Early dysfunctions of fronto-parietal praxis networks in Parkinson’s disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 512-525.	1.1	9
49	Attribution and Social Cognitive Neuroscience: A new approach for the online-assessment of causality ascriptions and their emotional consequences. <i>Journal of Neuroscience Methods</i> , 2008, 173, 13-19.	1.3	6
50	Multiple serial picture presentation with millisecond resolution using a three-way LC-shutter-tachistoscope. <i>Journal of Neuroscience Methods</i> , 2010, 187, 235-242.	1.3	6
51	Between- and within-site variability of fMRI localizations. <i>Human Brain Mapping</i> , 2016, 37, 2151-2160.	1.9	6
52	Improving the clinical potential of ultra-high field fMRI using a model-free analysis method based on response consistency. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 435-449.	1.1	6
53	Investigating Sex-Specific Characteristics of Nicotine Addiction Using Metabolic and Structural Magnetic Resonance Imaging. <i>European Addiction Research</i> , 2018, 24, 267-277.	1.3	6
54	Parkinson’s Disease Affects Functional Connectivity within the Olfactory-Trigeminal Network. <i>Journal of Parkinson’s Disease</i> , 2020, 10, 1587-1600.	1.5	6

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55	Robust presurgical functional MRI at 7 T using response consistency. <i>Human Brain Mapping</i> , 2017, 38, 3163-3174.	1.9	5
56	Peripheral Nervous System Reconstruction Reroutes Cortical Motor Output—Brain Reorganization Uncovered by Effective Connectivity. <i>Frontiers in Neurology</i> , 2018, 9, 1116.	1.1	5
57	The social odor scale: Development and initial validation of a new scale for the assessment of social odor awareness. <i>PLoS ONE</i> , 2021, 16, e0260587.	1.1	5
58	Olfactory meta-cognition in individuals with depressive and anxiety symptoms: The differential role of common and social odors. <i>Journal of Affective Disorders</i> , 2022, 308, 259-267.	2.0	4
59	Attentional Capture and Inhibition of Saccades after Irrelevant and Relevant Cues. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-12.	0.6	3
60	Dopaminergic modulation of the praxis network in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101988.	1.4	3
61	The Impact of Echo Time Shifts and Temporal Signal Fluctuations on BOLD Sensitivity in Presurgical Planning at 7 T. <i>Investigative Radiology</i> , 2019, 54, 340-348.	3.5	3
62	Future Directions for Chemosensory Connectomes: Best Practices and Specific Challenges. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, .	1.2	3
63	Are there benefits of ultra-high field MR for clinical language localization?. <i>Journal of the Neurological Sciences</i> , 2013, 333, e621.	0.3	2
64	A New Rehabilitative Mechanism in Primary Motor Cortex After Peripheral Trauma. <i>Frontiers in Neurology</i> , 2020, 11, 125.	1.1	2
65	Metabolic Dynamics in the Prefrontal Cortex during a Working Memory Task in Young Adult Smokers. <i>European Addiction Research</i> , 2021, 27, 428-438.	1.3	2
66	The effects of polyunsaturated fatty acid (PUFA) administration on the microbiome-gut-brain axis in adolescents with anorexia nervosa (the MiGBAN study): study protocol for a longitudinal, double-blind, randomized, placebo-controlled trial. <i>Trials</i> , 2022, 23, .	0.7	2
67	Inducing perceptual unawareness: Tachistoscopic stimulus presentation versus visual masking. <i>International Journal of Psychophysiology</i> , 2010, 77, 324-325.	0.5	1
68	Brain Activity Movie Functional MRI with Ultra-High Temporal Resolution at 7 Tesla. <i>IFMBE Proceedings</i> , 2009, , 192-194.	0.2	1
69	Functional MRI of the Human Motor System with 100ms Temporal Resolution at 7 Tesla. <i>NeuroImage</i> , 2009, 47, S195.	2.1	0
70	Fullly simultaneous acquisition of slow cortical potential changes and functional MRI at 3 Tesla. <i>NeuroImage</i> , 2009, 47, S141.	2.1	0
71	Contribution of short-term memory retention to rotation-related ERP negativity. <i>International Journal of Psychophysiology</i> , 2012, 85, 423.	0.5	0
72	Evaluating variability of fMRI in the sensorimotor cortex—A multicenter study*. <i>Journal of the Neurological Sciences</i> , 2013, 333, e662.	0.3	0

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73	Connectivity changes after peripheral end-to-side coaptation following brachial plexus avulsion: a dynamic causal modeling /INS;(DCM) study. Journal of the Neurological Sciences, 2013, 333, e647.	0.3	0
74	Optimum gradient artifact removal from EEG-data using facet. Journal of the Neurological Sciences, 2013, 333, e622.	0.3	0
75	Kinetic Modeling for T1-Weighted Dynamic Contrast-Enhanced Magnetic Resonance Imaging. , 2016, , 139-154.		0