

# Christian Fiebach

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

7,355  
citations

57631

44  
h-index

60497

81  
g-index

115  
all docs

115  
docs citations

115  
times ranked

8130  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of physical fitness on resilience to modern life stress and the mediating role of general self-efficacy. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 679-692.	1.8	10
2	A template for preregistration of quantitative research in psychology: Report of the joint psychological societies preregistration task force.. <i>American Psychologist</i> , 2022, 77, 602-615.	3.8	21
3	Predictive pre-activation of orthographic and lexical-semantic representations facilitates visual word recognition. <i>Psychophysiology</i> , 2022, 59, e13970.	1.2	4
4	Probing the association between resting-state brain network dynamics and psychological resilience. <i>Network Neuroscience</i> , 2022, 6, 175-195.	1.4	1
5	Eye movements during text reading align with the rate of speech production. <i>Nature Human Behaviour</i> , 2022, 6, 429-442.	6.2	14
6	The lexical categorization model: A computational model of left ventral occipito-temporal cortex activation in visual word recognition. <i>PLoS Computational Biology</i> , 2022, 18, e1009995.	1.5	5
7	Longitudinal determination of resilience in humans to identify mechanisms of resilience to modern-life stressors: the longitudinal resilience assessment (LORA) study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1035-1051.	1.8	31
8	Internal consistency and test-retest reliability of an affective task-switching paradigm.. <i>Emotion</i> , 2021, 21, 921-931.	1.5	5
9	Impact of COVID-19 lockdown on mental health in Germany: longitudinal observation of different mental health trajectories and protective factors. <i>Translational Psychiatry</i> , 2021, 11, 392.	2.4	78
10	The Frequent Stressor and Mental Health Monitoring-Paradigm: A Proposal for the Operationalization and Measurement of Resilience and the Identification of Resilience Processes in Longitudinal Observational Studies. <i>Frontiers in Psychology</i> , 2021, 12, 710493.	1.1	33
11	Functional Brain Imaging of Intelligence. , 2021, , 235-260.		1
12	Temporal stability of functional brain modules associated with human intelligence. <i>Human Brain Mapping</i> , 2020, 41, 362-372.	1.9	64
13	Predicting intelligence from brain gray matter volume. <i>Brain Structure and Function</i> , 2020, 225, 2111-2129.	1.2	32
14	An orthographic prediction error as the basis for efficient visual word recognition. <i>NeuroImage</i> , 2020, 214, 116727.	2.1	17
15	Traces of Meaning Itself: Encoding Distributional Word Vectors in Brain Activity. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2020, 1, 54-76.	1.7	10
16	An Electrophysiological Dissociation of Encoding vs. Maintenance Failures in Visual-Spatial Working Memory. <i>Frontiers in Psychology</i> , 2020, 11, 522.	1.1	3
17	Wider Letter-Spacing Facilitates Word Processing but Impairs Reading Rates of Fast Readers. <i>Frontiers in Psychology</i> , 2020, 11, 444.	1.1	7
18	Neurophysiological markers of ADHD symptoms in typically-developing children. <i>Scientific Reports</i> , 2020, 10, 22460.	1.6	7

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19	Cognitive, Affective, and Feedback-Based Flexibility â€” Disentangling Shared and Different Aspects of Three Facets of Psychological Flexibility. <i>Journal of Cognition</i> , 2020, 3, 21.	1.0	10
20	Finding the P3 in the P600: Decoding shared neural mechanisms of responses to syntactic violations and oddball targets. <i>NeuroImage</i> , 2019, 200, 425-436.	2.1	33
21	ADHD symptoms are associated with the modular structure of intrinsic brain networks in a representative sample of healthy adults. <i>Network Neuroscience</i> , 2019, 3, 567-588.	1.4	27
22	Context-Based Facilitation in Visual Word Recognition: Evidence for Visual and Lexical But Not Pre-Lexical Contributions. <i>ENeuro</i> , 2019, 6, ENEURO.0321-18.2019.	0.9	7
23	Improving Silent Reading Performance Through Feedback on Eye Movements: A Feasibility Study. <i>Scientific Studies of Reading</i> , 2018, 22, 289-307.	1.3	8
24	Neurocognitive Development of the Resolution of Selective Visuo-Spatial Attention: Functional MRI Evidence From Object Tracking. <i>Frontiers in Psychology</i> , 2018, 9, 1106.	1.1	8
25	No evidence from MVPA for different processes underlying the N300 and N400 incongruity effects in object-scene processing. <i>Neuropsychologia</i> , 2018, 120, 9-17.	0.7	45
26	Functional Dissociation of Confident and Not-Confident Errors in the Spatial Delayed Response Task Demonstrates Impairments in Working Memory Encoding and Maintenance in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018, 9, 202.	1.3	8
27	Decision making and age: Factors influencing decision making under uncertainty. <i>Journal of Behavioral and Experimental Economics</i> , 2018, 76, 43-54.	0.5	16
28	Time-generalized multivariate analysis of EEG responses reveals a cascading architecture of semantic mismatch processing. <i>Brain and Language</i> , 2018, 184, 43-53.	0.8	15
29	Investigating the temporal dynamics of object-scene integration using MVPA: The role of the N300/N400 complex in object perception. <i>Journal of Vision</i> , 2018, 18, 734.	0.1	0
30	Distractor-resistant Short-Term Memory Is Supported by Transient Changes in Neural Stimulus Representations. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1547-1565.	1.1	11
31	The resilience framework as a strategy to combat stress-related disorders. <i>Nature Human Behaviour</i> , 2017, 1, 784-790.	6.2	420
32	How stressful are economic competitions in the lab? An investigation with physiological measures. <i>Journal of Economic Psychology</i> , 2017, 62, 231-245.	1.1	25
33	Intelligence is associated with the modular structure of intrinsic brain networks. <i>Scientific Reports</i> , 2017, 7, 16088.	1.6	113
34	Distributed patterns of occipito-parietal functional connectivity predict the precision of visual working memory. <i>NeuroImage</i> , 2017, 146, 404-418.	2.1	36
35	Efficient hubs in the intelligent brain: Nodal efficiency of hub regions in the salience network is associated with general intelligence. <i>Intelligence</i> , 2017, 60, 10-25.	1.6	90
36	Superior Intraparietal Sulcus Controls the Variability of Visual Working Memory Precision. <i>Journal of Neuroscience</i> , 2016, 36, 5623-5635.	1.7	38

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37	Brain Signal Variability Differentially Affects Cognitive Flexibility and Cognitive Stability. <i>Journal of Neuroscience</i> , 2016, 36, 3978-3987.	1.7	95
38	Different Roles of Direct and Indirect Frontoparietal Pathways for Individual Working Memory Capacity. <i>Journal of Neuroscience</i> , 2016, 36, 2894-2903.	1.7	48
39	Where smart brains are different: A quantitative meta-analysis of functional and structural brain imaging studies on intelligence. <i>Intelligence</i> , 2015, 51, 10-27.	1.6	246
40	The Association between Gray Matter Volume and Reading Proficiency: A Longitudinal Study of Beginning Readers. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 308-318.	1.1	35
41	Combined eye tracking and fMRI reveals neural basis of linguistic predictions during sentence comprehension. <i>Cortex</i> , 2015, 68, 33-47.	1.1	98
42	Stochastic Dynamics Underlying Cognitive Stability and Flexibility. <i>PLoS Computational Biology</i> , 2015, 11, e1004331.	1.5	50
43	Touchscreen-paradigm for mice reveals cross-species evidence for an antagonistic relationship of cognitive flexibility and stability. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 154.	1.0	20
44	Acute stress affects risk taking but not ambiguity aversion. <i>Frontiers in Neuroscience</i> , 2014, 8, 82.	1.4	85
45	Brain Signature of Working Memory for Sentence Structure: Enriched Encoding and Facilitated Maintenance. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1654-1671.	1.1	37
46	Intelligence is differentially related to neural effort in the task-positive and the task-negative brain network. <i>Intelligence</i> , 2013, 41, 517-528.	1.6	51
47	Dissociable fronto-striatal effects of dopamine D2 receptor stimulation on cognitive versus motor flexibility. <i>Cortex</i> , 2013, 49, 2799-2811.	1.1	47
48	Prefrontal Cortical Mechanisms Underlying Individual Differences in Cognitive Flexibility and Stability. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2385-2399.	1.1	132
49	The COMT Val158Met polymorphism modulates working memory performance under acute stress. <i>Psychoneuroendocrinology</i> , 2012, 37, 1810-1821.	1.3	44
50	Trait anxiety and the neural efficiency of manipulation in working memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 571-588.	1.0	89
51	Predicting errors from reconfiguration patterns in human brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16714-16719.	3.3	140
52	Functional organization of the left inferior precentral sulcus: Dissociating the inferior frontal eye field and the inferior frontal junction. <i>NeuroImage</i> , 2012, 59, 3829-3837.	2.1	50
53	Grey Matter Alterations Co-Localize with Functional Abnormalities in Developmental Dyslexia: An ALE Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e43122.	1.1	154
54	Trait Anxiety Modulates the Neural Efficiency of Inhibitory Control. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3132-3145.	1.1	169

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55	Interaction of 5-HTTLPR and a Variation on the Oxytocin Receptor Gene Influences Negative Emotionality. <i>Biological Psychiatry</i> , 2011, 69, 601-603.	0.7	89
56	Functional Connectivity Separates Switching Operations in the Posterior Lateral Frontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3529-3539.	1.1	27
57	Frontostriatal Involvement in Task Switching Depends on Genetic Differences in D2 Receptor Density. <i>Journal of Neuroscience</i> , 2010, 30, 14205-14212.	1.7	136
58	How the brain integrates costs and benefits during decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21767-21772.	3.3	364
59	Epistasis of the DRD2/ANKK1 Taq Ia and the BDNF Val66Met Polymorphism Impacts Novelty Seeking and Harm Avoidance. <i>Neuropsychopharmacology</i> , 2010, 35, 1860-1867.	2.8	62
60	The BDNF Val66Met polymorphism and anxiety: Support for animal knock-in studies from a genetic association study in humans. <i>Psychiatry Research</i> , 2010, 179, 86-90.	1.7	115
61	Neural reward processing is modulated by approach- and avoidance-related personality traits. <i>NeuroImage</i> , 2010, 49, 1868-1874.	2.1	140
62	Effects of dopamine-related gene-gene interactions on working memory component processes. <i>European Journal of Neuroscience</i> , 2009, 29, 1056-1063.	1.2	53
63	The biological basis of anger: Associations with the gene coding for DARPP-32 (PPP1R1B) and with amygdala volume. <i>Behavioural Brain Research</i> , 2009, 202, 179-183.	1.2	74
64	The BDNF Val66Met polymorphism and smoking. <i>Neuroscience Letters</i> , 2008, 442, 30-33.	1.0	30
65	Modulation of the FFA and PPA by language related to faces and places. <i>Social Neuroscience</i> , 2008, 3, 229-238.	0.7	25
66	Lateral Inferotemporal Cortex Maintains Conceptual Semantic Representations in Verbal Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2008, Early Access, 080219115128817-15.	1.1	0
67	Lateral Inferotemporal Cortex Maintains Conceptual Semantic Representations in Verbal Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 2035-2049.	1.1	56
68	Inhibition and facilitation in visual word recognition: Prefrontal contribution to the orthographic neighborhood size effect. <i>NeuroImage</i> , 2007, 36, 901-911.	2.1	55
69	Integrative Models of Broca's Area and the Ventral Premotor Cortex. <i>Cortex</i> , 2006, 42, 461-463.	1.1	49
70	Dynamic Anticipatory Processing of Hierarchical Sequential Events: a Common Role for Broca's Area and Ventral Premotor Cortex Across Domains?. <i>Cortex</i> , 2006, 42, 499-502.	1.1	143
71	The brain bases of reading late learned words: Evidence from functional MRI. <i>Visual Cognition</i> , 2006, 13, 1027-1043.	0.9	24
72	Modulation of Inferotemporal Cortex Activation during Verbal Working Memory Maintenance. <i>Neuron</i> , 2006, 51, 251-261.	3.8	96

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73	Semantic memory retrieval: cortical couplings in object recognition in the N400 window. <i>European Journal of Neuroscience</i> , 2005, 21, 1139-1143.	1.2	20
74	Revisiting the role of Broca's area in sentence processing: Syntactic integration versus syntactic working memory. <i>Human Brain Mapping</i> , 2005, 24, 79-91.	1.9	283
75	Processing lexical semantic and syntactic information in first and second language: fMRI evidence from German and Russian. <i>Human Brain Mapping</i> , 2005, 25, 266-286.	1.9	126
76	Processing Linguistic Complexity and Grammaticality in the Left Frontal Cortex. <i>Cerebral Cortex</i> , 2005, 16, 1709-1717.	1.6	253
77	Neuronal Mechanisms of Repetition Priming in Occipitotemporal Cortex: Spatiotemporal Evidence from Functional Magnetic Resonance Imaging and Electroencephalography. <i>Journal of Neuroscience</i> , 2005, 25, 3414-3422.	1.7	152
78	Neural Correlates of Syntactic Ambiguity in Sentence Comprehension for Low and High Span Readers. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1562-1575.	1.1	83
79	Processing concrete words: fMRI evidence against a specific right-hemisphere involvement. <i>Neuropsychologia</i> , 2004, 42, 62-70.	0.7	141
80	On the cost of syntactic ambiguity in human language comprehension: an individual differences approach. <i>Cognitive Brain Research</i> , 2004, 21, 11-21.	3.3	57
81	Sequential effects of propofol on functional brain activation induced by auditory language processing: an event-related functional magnetic resonance imaging study. <i>British Journal of Anaesthesia</i> , 2004, 92, 641-650.	1.5	78
82	â€œCapacityâ€•Reconsidered:. <i>Experimental Psychology</i> , 2004, 51, 279-289.	0.3	55
83	Distinct brain representations for early and late learned words. <i>NeuroImage</i> , 2003, 19, 1627-1637.	2.1	85
84	The Role of Left Inferior Frontal and Superior Temporal Cortex in Sentence Comprehension: Localizing Syntactic and Semantic Processes. <i>Cerebral Cortex</i> , 2003, 13, 170-177.	1.6	726
85	fMRI Evidence for Dual Routes to the Mental Lexicon in Visual Word Recognition. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 11-23.	1.1	426
86	Separating syntactic memory costs and syntactic integration costs during parsing: the processing of German WH-questions. <i>Journal of Memory and Language</i> , 2002, 47, 250-272.	1.1	257
87	Syntactic working memory and the establishment of filler-gap dependencies: insights from ERPs and fMRI. <i>Journal of Psycholinguistic Research</i> , 2001, 30, 321-338.	0.7	190