

# Steven E Petersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6659681/publications.pdf>

Version: 2024-02-01

40  
papers

38,032  
citations

126907

33  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

25679  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Attention System of the Human Brain. Annual Review of Neuroscience, 1990, 13, 25-42.	10.7	6,835
2	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. NeuroImage, 2012, 59, 2142-2154.	4.2	6,516
3	Functional Network Organization of the Human Brain. Neuron, 2011, 72, 665-678.	8.1	3,485
4	Methods to detect, characterize, and remove motion artifact in resting state fMRI. NeuroImage, 2014, 84, 320-341.	4.2	2,881
5	The Attention System of the Human Brain: 20 Years After. Annual Review of Neuroscience, 2012, 35, 73-89.	10.7	2,350
6	Distinct brain networks for adaptive and stable task control in humans. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11073-11078.	7.1	2,290
7	A Core System for the Implementation of Task Sets. Neuron, 2006, 50, 799-812.	8.1	1,604
8	A dual-networks architecture of top-down control. Trends in Cognitive Sciences, 2008, 12, 99-105.	7.8	1,597
9	Intrinsic and Task-Evoked Network Architectures of the Human Brain. Neuron, 2014, 83, 238-251.	8.1	1,369
10	Functional Brain Networks Develop from a "Local to Distributed" Organization. PLoS Computational Biology, 2009, 5, e1000381.	3.2	1,274
11	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. Cerebral Cortex, 2016, 26, 288-303.	2.9	1,132
12	Precision Functional Mapping of Individual Human Brains. Neuron, 2017, 95, 791-807.e7.	8.1	948
13	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670.	8.1	785
14	Evidence for Hubs in Human Functional Brain Networks. Neuron, 2013, 79, 798-813.	8.1	699
15	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. Neuron, 2018, 98, 439-452.e5.	8.1	665
16	On the Stability of BOLD fMRI Correlations. Cerebral Cortex, 2017, 27, 4719-4732.	2.9	403
17	Brain Networks and Cognitive Architectures. Neuron, 2015, 88, 207-219.	8.1	398
18	Long-term neural and physiological phenotyping of a single human. Nature Communications, 2015, 6, 8885.	12.8	353

#	ARTICLE	IF	CITATIONS
19	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. <i>NeuroImage</i> , 2013, 76, 439-441.	4.2	310
20	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	8.1	201
21	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	4.2	195
22	Individual Variability of the System-Level Organization of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhv239.	2.9	166
23	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
24	Trait-like variants in human functional brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22851-22861.	7.1	153
25	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	8.1	148
26	Control networks and hubs. <i>Psychophysiology</i> , 2018, 55, e13032.	2.4	137
27	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016, 17, 1276-1288.	6.4	128
28	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	8.1	114
29	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	6.4	113
30	Default-mode network streams for coupling to language and control systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17308-17319.	7.1	113
31	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	1.3	109
32	Medial temporal lobe BOLD activity at rest predicts individual differences in memory ability in healthy young adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18555-18560.	7.1	56
33	Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019, 29, 2509-2523.	2.9	56
34	Probabilistic mapping of human functional brain networks identifies regions of high group consensus. <i>NeuroImage</i> , 2021, 237, 118164.	4.2	28
35	Cingulo-opercular control network and disused motor circuits joined in standby mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
36	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. <i>Cerebral Cortex</i> , 2020, 30, 5544-5559.	2.9	26

#	ARTICLE	IF	CITATIONS
37	Dorsal Anterior Cingulate, Medial Superior Frontal Cortex, and Anterior Insula Show Performance Reporting-Related Late Task Control Signals. <i>Cerebral Cortex</i> , 2017, 27, bhw053.	2.9	22
38	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	2.9	20
39	Accuracy and reliability of diffusion imaging models. <i>NeuroImage</i> , 2022, 254, 119138.	4.2	13
40	Maturation of large-scale brain systems over the first month of life. <i>Cerebral Cortex</i> , 2023, 33, 2788-2803.	2.9	8