Steven E Petersen

List of Publications by Year
in descending order

40	38,032	126907	289244
papers	citations	33	40
		h-index	g-index

47	47	47	25679
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Maturation of large-scale brain systems over the first month of life. Cerebral Cortex, 2023, 33, 2788-2803.	2.9	8
2	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. Cerebral Cortex, 2022, 32, 2868-2884.	2.9	20
3	Accuracy and reliability of diffusion imaging models. NeuroImage, 2022, 254, 119138.	4.2	13
4	Cingulo-opercular control network and disused motor circuits joined in standby mode. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
5	Probabilistic mapping of human functional brain networks identifies regions of high group consensus. NeuroImage, 2021, 237, 118164.	4.2	28
6	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. Biological Psychiatry, 2020, 88, 28-39.	1.3	109
7	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. Neuron, 2020, 105, 742-758.e6.	8.1	148
8	Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400.	4.2	161
9	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. Cerebral Cortex, 2020, 30, 5544-5559.	2.9	26
10	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. Neuron, 2020, 107, 580-589.e6.	8.1	114
11	Default-mode network streams for coupling to language and control systems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17308-17319.	7.1	113
12	Emergent Functional Network Effects in Parkinson Disease. Cerebral Cortex, 2019, 29, 2509-2523.	2.9	56
13	Trait-like variants in human functional brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22851-22861.	7.1	153
14	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
15	Control networks and hubs. Psychophysiology, 2018, 55, e13032.	2.4	137
16	Spatial and Temporal Organization of the Individual Human Cerebellum. Neuron, 2018, 100, 977-993.e7.	8.1	201
17	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. Cell Reports, 2018, 24, 1687-1695.e4.	6.4	113
18	Individual Variability of the System-Level Organization of the Human Brain. Cerebral Cortex, 2017, 27, bhv239.	2.9	166

#	ARTICLE	IF	CITATIONS
19	On the Stability of BOLD fMRI Correlations. Cerebral Cortex, 2017, 27, 4719-4732.	2.9	403
20	Dorsal Anterior Cingulate, Medial Superior Frontal Cortex, and Anterior Insula Show Performance Reporting-Related Late Task Control Signals. Cerebral Cortex, 2017, 27, bhw053.	2.9	22
21	Precision Functional Mapping of Individual Human Brains. Neuron, 2017, 95, 791-807.e7.	8.1	948
22	Individual-specific features of brain systems identified with resting state functional correlations. NeuroImage, 2017, 146, 918-939.	4.2	195
23	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. Cell Reports, 2016, 17, 1276-1288.	6.4	128
24	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. Cerebral Cortex, 2016, 26, 288-303.	2.9	1,132
25	Long-term neural and physiological phenotyping of a single human. Nature Communications, 2015, 6, 8885.	12.8	353
26	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670.	8.1	785
27	Brain Networks and Cognitive Architectures. Neuron, 2015, 88, 207-219.	8.1	398
28	Methods to detect, characterize, and remove motion artifact in resting state fMRI. NeuroImage, 2014, 84, 320-341.	4.2	2,881
29	Intrinsic and Task-Evoked Network Architectures of the Human Brain. Neuron, 2014, 83, 238-251.	8.1	1,369
30	Evidence for Hubs in Human Functional Brain Networks. Neuron, 2013, 79, 798-813.	8.1	699
31	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. NeuroImage, 2013, 76, 439-441.	4.2	310
32	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. NeuroImage, 2012, 59, 2142-2154.	4.2	6,516
33	The Attention System of the Human Brain: 20 Years After. Annual Review of Neuroscience, 2012, 35, 73-89.	10.7	2,350
34	Functional Network Organization of the Human Brain. Neuron, 2011, 72, 665-678.	8.1	3,485
35	Functional Brain Networks Develop from a "Local to Distributed" Organization. PLoS Computational Biology, 2009, 5, e1000381.	3.2	1,274
36	A dual-networks architecture of top-down control. Trends in Cognitive Sciences, 2008, 12, 99-105.	7.8	1,597

#	Article	IF	Citations
37	Medial temporal lobe BOLD activity at rest predicts individual differences in memory ability in healthy young adults. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18555-18560.	7.1	56
38	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
39	A Core System for the Implementation of Task Sets. Neuron, 2006, 50, 799-812.	8.1	1,604
40	The Attention System of the Human Brain. Annual Review of Neuroscience, 1990, 13, 25-42.	10.7	6,835