

Steven E Petersen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

27,748⁸
citations

33
h-index

47
g-index

47
ext. papers

33,989⁹
ext. citations

9.8
avg, IF

7.24
L-index

#	Paper	IF	Citations
43	Accuracy and Reliability of Diffusion Imaging Models.. <i>NeuroImage</i> , 2022 , 119138	7.9	0
42	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,	11.5	6
41	Probabilistic mapping of human functional brain networks identifies regions of high group consensus. <i>NeuroImage</i> , 2021 , 237, 118164	7.9	7
40	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2021 ,	5.1	1
39	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. <i>Cerebral Cortex</i> , 2020 , 30, 5544-5559	5.1	13
38	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020 , 107, 580-589.e6	6.9	49
37	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	11.5	47
36	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020 , 88, 28-39	7.9	44
35	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020 , 105, 742-758.e6	13.9	74
34	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020 , 208, 116400	7.9	74
33	Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019 , 29, 2509-2523	5.1	26
32	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	11.5	80
31	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018 , 98, 439-452.e5	13.9	367
30	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018 , 24, 1687-1695.e4	5.4	62
29	Control networks and hubs. <i>Psychophysiology</i> , 2018 , 55, e13032	4.1	74
28	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018 , 100, 977-993.e7	13.9	127
27	Individual Variability of the System-Level Organization of the Human Brain. <i>Cerebral Cortex</i> , 2017 , 27, 386-399	5.1	117

26	Dorsal Anterior Cingulate, Medial Superior Frontal Cortex, and Anterior Insula Show Performance Reporting-Related Late Task Control Signals. <i>Cerebral Cortex</i> , 2017 , 27, 2154-2165	5.1	10
25	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017 , 95, 791-807.e7	13.9	524
24	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017 , 146, 918-939	7.9	130
23	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017 , 27, 4719-4732	5.1	274
22	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016 , 17, 1276-1288	10.6	74
21	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. <i>Cerebral Cortex</i> , 2016 , 26, 288-303	5.1	697
20	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. <i>Neuron</i> , 2015 , 87, 657-70	13.9	498
19	Brain Networks and Cognitive Architectures. <i>Neuron</i> , 2015 , 88, 207-19	13.9	276
18	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015 , 6, 8885	17.4	237
17	Intrinsic and task-evoked network architectures of the human brain. <i>Neuron</i> , 2014 , 83, 238-51	13.9	933
16	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014 , 84, 320-41	7.9	1793
15	Evidence for hubs in human functional brain networks. <i>Neuron</i> , 2013 , 79, 798-813	13.9	499
14	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. <i>NeuroImage</i> , 2013 , 76, 439-41	7.9	248
13	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. <i>NeuroImage</i> , 2012 , 59, 2142-54	7.9	4817
12	The attention system of the human brain: 20 years after. <i>Annual Review of Neuroscience</i> , 2012 , 35, 73-89	17	1758
11	Functional network organization of the human brain. <i>Neuron</i> , 2011 , 72, 665-78	13.9	2477
10	Functional brain networks develop from a "local to distributed" organization. <i>PLoS Computational Biology</i> , 2009 , 5, e1000381	5	1040
9	A dual-networks architecture of top-down control. <i>Trends in Cognitive Sciences</i> , 2008 , 12, 99-105	14	1288

8	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, 18555-60	11.5	48
7	Distinct brain networks for adaptive and stable task control in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11073-8	11.5	1857
6	A core system for the implementation of task sets. <i>Neuron</i> , 2006 , 50, 799-812	13.9	1335
5	The attention system of the human brain. <i>Annual Review of Neuroscience</i> , 1990 , 13, 25-42	17	5705
4	Towards Reproducible Brain-Wide Association Studies		54
3	Cingulo-Opercular Control Network Supports Disused Motor Circuits in Standby Mode		4
2	Probabilistic mapping of human functional brain networks identifies regions of high group consensus		1
1	Human Fronto-Striatal Connectivity is Organized into Discrete Functional Subnetworks		2