

# František Váňa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/834868/publications.pdf>

Version: 2024-02-01

20  
papers

2,016  
citations

567281

15  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9105-9110.	7.1	415
2	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. Neuron, 2018, 97, 231-247.e7.	8.1	307
3	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. Cerebral Cortex, 2018, 28, 281-294.	2.9	195
4	Gene transcription profiles associated with inter-modular hubs and connection distance in human functional magnetic resonance imaging networks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150362.	4.0	188
5	Structural covariance networks are coupled to expression of genes enriched in supragranular layers of the human cortex. NeuroImage, 2018, 171, 256-267.	4.2	177
6	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. Nature Communications, 2020, 11, 3358.	12.8	141
7	Conservative and disruptive modes of adolescent change in human brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3248-3253.	7.1	96
8	Mapping higher-order relations between brain structure and function with embedded vector representations of connectomes. Nature Communications, 2018, 9, 2178.	12.8	95
9	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. Cerebral Cortex, 2019, 29, 1369-1381.	2.9	91
10	Null models in network neuroscience. Nature Reviews Neuroscience, 2022, 23, 493-504.	10.2	69
11	Probabilistic thresholding of functional connectomes: Application to schizophrenia. NeuroImage, 2018, 172, 326-340.	4.2	46
12	A Complex Systems Perspective on Neuroimaging Studies of Behavior and Its Disorders. Neuroscientist, 2022, 28, 382-399.	3.5	39
13	Brain-behaviour modes of covariation in healthy and clinically depressed young people. Scientific Reports, 2019, 9, 11536.	3.3	31
14	Compulsivity is linked to reduced adolescent development of goal-directed control and frontostriatal functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25911-25922.	7.1	23
15	A guided multiverse study of neuroimaging analyses. Nature Communications, 2022, 13, .	12.8	23
16	Versatility of nodal affiliation to communities. Scientific Reports, 2017, 7, 4273.	3.3	21
17	Centering inclusivity in the design of online conferences—An OHBM—Open Science perspective. GigaScience, 2021, 10, .	6.4	14
18	Sexually divergent development of depression-related brain networks during healthy human adolescence. Science Advances, 2022, 8, .	10.3	14

#	ARTICLE	IF	CITATIONS
19	Rapid processing and quantitative evaluation of structural brain scans for adaptive multimodal imaging. Human Brain Mapping, 2022, 43, 1749-1765.	3.6	5
20	Tissue volume estimation and age prediction using rapid structural brain scans. Scientific Reports, 2022, 12, .	3.3	3