

# Ting Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

3,822  
citations

218677

26  
h-index

265206

42  
g-index

60  
all docs

60  
docs citations

60  
times ranked

4749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013, 65, 374-386.	4.2	428
2	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	5.3	349
3	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020, 3, 103.	4.4	285
4	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021, 109, 2820-2846.	8.1	272
5	Harnessing reliability for neuroscience research. <i>Nature Human Behaviour</i> , 2019, 3, 768-771.	12.0	239
6	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018, 100, 61-74.e2.	8.1	190
7	Functional brain hubs and their test-retest reliability: A multiband resting-state functional MRI study. <i>NeuroImage</i> , 2013, 83, 969-982.	4.2	176
8	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020, 223, 117346.	4.2	136
9	A Connectome Computation System for discovery science of brain. <i>Science Bulletin</i> , 2015, 60, 86-95.	9.0	129
10	Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , 2014, 89, 45-56.	4.2	128
11	Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. <i>PLoS ONE</i> , 2015, 10, e0144963.	2.5	117
12	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020, 6, .	10.3	97
13	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	8.1	92
14	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020, 223, 117322.	4.2	87
15	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016, 26, 4192-4211.	2.9	82
16	The Healthy Brain Network Serial Scanning Initiative: a resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. <i>GigaScience</i> , 2017, 6, 1-14.	6.4	66
17	Individual differences in verbal creative thinking are reflected in the precuneus. <i>Neuropsychologia</i> , 2015, 75, 441-449.	1.6	62
18	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	12.8	54

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19	Lifespan anxiety is reflected in human amygdala cortical connectivity. <i>Human Brain Mapping</i> , 2016, 37, 1178-1193.	3.6	52
20	Brain Network Informed Subject Community Detection In Early-Onset Schizophrenia. <i>Scientific Reports</i> , 2014, 4, 5549.	3.3	48
21	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 543-553.	1.5	47
22	Minor Physical Anomalies in Patients with Schizophrenia, Unaffected First-Degree Relatives, and Healthy Controls: A Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e24129.	2.5	43
23	Delineating the Macroscale Areal Organization of the Macaque Cortex In Vivo. <i>Cell Reports</i> , 2018, 23, 429-441.	6.4	42
24	Gradients of connectivity distance in the cerebral cortex of the macaque monkey. <i>Brain Structure and Function</i> , 2019, 224, 925-935.	2.3	42
25	Impact of concatenating fMRI data on reliability for functional connectomics. <i>NeuroImage</i> , 2021, 226, 117549.	4.2	42
26	U-net model for brain extraction: Trained on humans for transfer to non-human primates. <i>NeuroImage</i> , 2021, 235, 118001.	4.2	42
27	Removing the Reliability Bottleneck in Functional Magnetic Resonance Imaging Research to Achieve Clinical Utility. <i>JAMA Psychiatry</i> , 2021, 78, 587.	11.0	41
28	Multivariate Neural Representations of Value during Reward Anticipation and Consummation in the Human Orbitofrontal Cortex. <i>Scientific Reports</i> , 2016, 6, 29079.	3.3	39
29	A collaborative resource platform for non-human primate neuroimaging. <i>NeuroImage</i> , 2021, 226, 117519.	4.2	36
30	Differential mesolimbic and prefrontal alterations during reward anticipation and consummation in positive and negative schizotypy. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 127-136.	1.8	33
31	Bagging improves reproducibility of functional parcellation of the human brain. <i>NeuroImage</i> , 2020, 214, 116678.	4.2	33
32	Eliminating accidental deviations to minimize generalization error and maximize replicability: Applications in connectomics and genomics. <i>PLoS Computational Biology</i> , 2021, 17, e1009279.	3.2	28
33	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020, 222, 117232.	4.2	27
34	Multimodal 3D atlas of the macaque monkey motor and premotor cortex. <i>NeuroImage</i> , 2021, 226, 117574.	4.2	27
35	Individual Variability in Functional Organization of the Human and Monkey Auditory Cortex. <i>Cerebral Cortex</i> , 2021, 31, 2450-2465.	2.9	27
36	Structural Connectivity Gradients of the Temporal Lobe Serve as Multiscale Axes of Brain Organization and Cortical Evolution. <i>Cerebral Cortex</i> , 2021, 31, 5151-5164.	2.9	21

#	ARTICLE	IF	CITATIONS
37	Amplitude of low-frequency fluctuations in first-episode, drug-naïve depressive patients: A 5-year retrospective study. PLoS ONE, 2017, 12, e0174564.	2.5	17
38	Neural mechanism and heritability of complex motor sequence and audiovisual integration: A healthy twin study. Human Brain Mapping, 2018, 39, 1438-1448.	3.6	13
39	Heritability estimates of spatial working memory and set-shifting in a healthy Chinese twin sample: A preliminary study. PsyCh Journal, 2018, 7, 144-151.	1.1	12
40	Connectome Computation System: 2015–2021 updates. Science Bulletin, 2022, 67, 448-451.	9.0	10
41	Neural correlates of audiovisual sensory integration.. Neuropsychology, 2018, 32, 329-336.	1.3	5
42	Brain intrinsic connection patterns underlying tool processing in human adults are present in neonates and not in macaques. NeuroImage, 2022, 258, 119339.	4.2	4