

# J Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

511  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resting-State Neuronal Activity and Functional Connectivity Changes in the Visual Cortex after High Altitude Exposure: A Longitudinal Study. <i>Brain Sciences</i> , 2022, 12, 724.	2.3	5
2	Electrophysiological mechanisms underlying hypoxia-induced deficits in visual spatial and non-spatial discrimination. <i>Physiological Reports</i> , 2021, 9, e15036.	1.7	4
3	Neural network correlates of high-altitude adaptive genetic variants in Tibetans: A pilot, exploratory study. <i>Human Brain Mapping</i> , 2020, 41, 2406-2430.	3.6	9
4	Brain grey matter volume reduction and anxiety-like behavior in lipopolysaccharide-induced chronic pulmonary inflammation rats: A structural MRI study with histological validation. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 182-197.	4.1	8
5	Regional cerebral blood flow in natives at high altitude: An arterial spin labeled MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 708-717.	3.4	8
6	Cortical Thickness of Native Tibetans in the Qinghai-Tibetan Plateau. <i>American Journal of Neuroradiology</i> , 2017, 38, 553-560.	2.4	13
7	Alteration of Spontaneous Brain Activity After Hypoxia-Reoxygenation: A Resting-State fMRI Study. <i>High Altitude Medicine and Biology</i> , 2017, 18, 20-26.	0.9	20
8	Changes in brain iron concentration after exposure to high-altitude hypoxia measured by quantitative susceptibility mapping. <i>NeuroImage</i> , 2017, 147, 488-499.	4.2	14
9	Long-term acclimatization to high-altitude hypoxia modifies interhemispheric functional and structural connectivity in the adult brain. <i>Brain and Behavior</i> , 2016, 6, e00512.	2.2	25
10	Reversible Brain Abnormalities in People Without Signs of Mountain Sickness During High-Altitude Exposure. <i>Scientific Reports</i> , 2016, 6, 33596.	3.3	22
11	Increased Intraregional Synchronized Neural Activity in Adult Brain After Prolonged Adaptation to High-Altitude Hypoxia: A Resting-State fMRI Study. <i>High Altitude Medicine and Biology</i> , 2016, 17, 16-24.	0.9	17
12	Reduced Regional Gray Matter Volume in Patients with Chronic Obstructive Pulmonary Disease: A Voxel-Based Morphometry Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 334-339.	2.4	54
13	Structural Modulation of Brain Development by Oxygen: Evidence on Adolescents Migrating from High Altitude to Sea Level Environment. <i>PLoS ONE</i> , 2013, 8, e67803.	2.5	12
14	Adaptive Modulation of Adult Brain Gray and White Matter to High Altitude: Structural MRI Studies. <i>PLoS ONE</i> , 2013, 8, e68621.	2.5	39
15	Grey and white matter abnormalities in chronic obstructive pulmonary disease: a case-control study. <i>BMJ Open</i> , 2012, 2, e000844.	1.9	54
16	Compromised White Matter Microstructural Integrity after Mountain Climbing: Evidence from Diffusion Tensor Imaging. <i>High Altitude Medicine and Biology</i> , 2012, 13, 118-125.	0.9	39
17	Adaptive influence of long term high altitude residence on spatial working memory: An fMRI study. <i>Brain and Cognition</i> , 2011, 77, 53-59.	1.8	59
18	Cerebrovascular reactivity among native-raised high altitude residents: an fMRI study. <i>BMC Neuroscience</i> , 2011, 12, 94.	1.9	28

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19	Minimal Effects on Human Memory Following Long-Term Living at Moderate Altitude. High Altitude Medicine and Biology, 2011, 12, 37-43.	0.9	28
20	Structural Modifications of the Brain in Acclimatization to High-Altitude. PLoS ONE, 2010, 5, e11449.	2.5	53