

# Xu Zhang

## List of Publications by Year in descending order

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39  
papers

539  
citations

687363

13  
h-index

677142

22  
g-index

43  
all docs

43  
docs citations

43  
times ranked

997  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution, diagnosis, and treatment of pulmonary sequestration: Report of 208 cases. <i>Journal of Pediatric Surgery</i> , 2019, 54, 1286-1292.	1.6	55
2	Influence of age-related learning and memory capacity of mice: different effects of a high and low caloric diet. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 303-311.	2.9	47
3	Automated Detection of High-Frequency Oscillations in Epilepsy Based on a Convolutional Neural Network. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 6.	2.1	47
4	The level of Alzheimer-associated neuronal thread protein in urine may be an important biomarker of mild cognitive impairment. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 649-652.	1.5	43
5	Simulation Analysis of Conduction Block in Myelinated Axons Induced by High-Frequency Biphasic Rectangular Pulses. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1433-1436.	4.2	39
6	Short-term caloric restriction exerts neuroprotective effects following mild traumatic brain injury by promoting autophagy and inhibiting astrocyte activation. <i>Behavioural Brain Research</i> , 2017, 331, 135-142.	2.2	34
7	MicroRNAs regulating mucin type O-glycan biosynthesis and transforming growth factor $\beta^2$ signaling pathways in nasal mucosa of patients with chronic rhinosinusitis with nasal polyps in Northern China. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 106-113.	2.8	28
8	Support Vector Machine for Analyzing Contributions of Brain Regions During Task-State fMRI. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 10.	2.5	25
9	Chinese Herbal Medicine to Treat Allergic Rhinitis: Evidence From a Meta-Analysis. <i>Allergy, Asthma and Immunology Research</i> , 2018, 10, 34.	2.9	21
10	ASSESSMENT OF CENTRAL SEROUS CHORIORETINOPATHY DEPICTED ON COLOR FUNDUS PHOTOGRAPHS USING DEEP LEARNING. <i>Retina</i> , 2020, 40, 1558-1564.	1.7	20
11	Localization of Epileptogenic Zone Based on Cortico-Cortical Evoked Potential (CCEP): A Feature Extraction and Graph Theory Approach. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 31.	2.5	19
12	Effects of Caloric Intake on Learning and Memory Function in Juvenile C57BL/6J Mice. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	18
13	Autophagy involving age-related cognitive behavior and hippocampus injury is modulated by different caloric intake in mice. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 11843-53.	1.3	18
14	Altered Gray Matter Volume and Functional Connectivity in Human Immunodeficiency Virus-Infected Adults. <i>Frontiers in Neuroscience</i> , 2020, 14, 601063.	2.8	16
15	Diagnosis and treatment of pleuropulmonary blastoma in children: A single-center report of 41 cases. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1351-1355.	1.6	13
16	Frequency Specific Effects of ApoE $\epsilon^4$ Allele on Resting-State Networks in Nondemented Elders. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	11
17	Development of an Implantable Wireless and Batteryless Bladder Pressure Monitor System for Lower Urinary Tract Dysfunction. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2020, 8, 1-7.	3.7	9
18	Values of fractional exhaled nitric oxide for cough-variant asthma in children with chronic cough. <i>Journal of Thoracic Disease</i> , 2018, 10, 6616-6623.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Articulation rehabilitation induces cortical plasticity in adults with non-syndromic cleft lip and palate. <i>Aging</i> , 2020, 12, 13147-13159.	3.1	8
20	Comparison of the effects of resveratrol and caloric restriction on learning and memory in juvenile C57BL/6J mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 1118-23.	1.0	8
21	Some Methodological Characteristics of Alzheimer-Associated Urine Neuronal Thread Protein Detected by Enzyme-Linked Immunosorbent Assay. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 255-262.	2.6	6
22	Neural Mechanisms of Hearing Recovery for Cochlear-Implanted Patients: An Electroencephalogram Follow-Up Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 624484.	2.8	6
23	Gene Expression Analysis by Real-Time PCR in Nasal Brushings of Adult Patients with Allergic Rhinitis, Suspected Allergic Rhinitis, and Nonallergic Rhinitis. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 301-310.	2.1	5
24	Prediction of cognitive performance in old age from spatial probability maps of white matter lesions. <i>Aging</i> , 2020, 12, 4822-4835.	3.1	5
25	Simulation Analysis of Conduction Block in Myelinated Axons Using Three Models. , 2008, , .		4
26	Resveratrol prevents high-calorie diet-induced learning and memory dysfunction in juvenile C57BL/6J mice. <i>Neurological Research</i> , 2018, 40, 1-7.	1.3	4
27	Altered Functional Connectivity and Brain Network Property in Pregnant Women With Cleft Fetuses. <i>Frontiers in Psychology</i> , 2019, 10, 2235.	2.1	4
28	Decoding different working memory states during an operation span task from prefrontal fNIRS signals. <i>Biomedical Optics Express</i> , 2021, 12, 3495.	2.9	4
29	Real-world treatment patterns and clinical outcomes in EGFR-mutant unresectable locally advanced NSCLC (LA-NSCLC): A retrospective multicenter study of 367 patients.. <i>Journal of Clinical Oncology</i> , 2020, 38, 9047-9047.	1.6	4
30	Application of an Extracorporeal-Assisted Intracorporeal Sliding Knot-Tying Technique in Minimally Invasive Surgery in Children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2019, 29, 1197-1200.	1.0	3
31	Simulation Analysis of Nerve Block by High Frequency Biphasic Electrical Current Based on Frankenhaeuser-Huxley Model. , 2005, 2005, 4247-50.		2
32	Spatiotemporal and sensory modality attention processing with domain-specific representations in frontoparietal areas. <i>Cerebral Cortex</i> , 2022, 32, 5489-5502.	2.9	2
33	Analysis of functional restoration of the lower urinary tract after spinal cord injury using functional electrical stimulation on pudendal nerve. , 2012, , .		1
34	The characteristic of event-related potentials and brain topographic maps of cochlear implant users. , 2014, , .		1
35	Individual prediction and classification of cognitive impairment in patients with white matter lesions based on gray matter volume. <i>Annals of Translational Medicine</i> , 2021, 10, 0-0.	1.7	1
36	Simulation study of neural damage induced by different stimulus waveforms. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	Research on stimulus pattern for inhibition of detrusor hyperreflexia. , 2010, , .		0
38	The Neural Representation of Room Locations in A Virtual Building. , 2020, , .		0
39	Signatures of positive selection are enriched in genome-wide associated allergy alleles. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3134-3137.	5.7	0