

# Lei Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

385  
citations

1162367

8  
h-index

1125271

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docs citations

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times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactive tool to create adjustable anatomical atlases for mouse brain imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 183-187.	1.1	1
2	Cellular correlates of gray matter volume changes in magnetic resonance morphometry identified by two-photon microscopy. <i>Scientific Reports</i> , 2021, 11, 4234.	1.6	36
3	Modeling sphere dynamics in blood vessels for SIRT pre-planning “ To fathom the potential and limitations. <i>Zeitschrift Fur Medizinische Physik</i> , 2019, 29, 5-15.	0.6	1
4	Potential of metric homotopy between intensity and geometry information for multi-modal 3D registration. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 325-334.	0.6	3
5	Antagonism at the NR2B subunit of NMDA receptors induces increased connectivity of the prefrontal and subcortical regions regulating reward behavior. <i>Psychopharmacology</i> , 2018, 235, 1055-1068.	1.5	21
6	Influence of regional cerebral blood volume on voxel-based morphometry. <i>NMR in Biomedicine</i> , 2016, 29, 787-795.	1.6	1
7	Automated multiscale 3D feature learning for vessels segmentation in Thorax CT images. , 2016, , .		2
8	Distortion correction of EPI data using multimodal nonrigid registration with an anisotropic regularization. <i>Magnetic Resonance Imaging</i> , 2016, 34, 127-136.	1.0	5
9	Sub-Anesthetic Ketamine Modulates Intrinsic BOLD Connectivity Within the Hippocampal-Prefrontal Circuit in the Rat. <i>Neuropsychopharmacology</i> , 2014, 39, 895-906.	2.8	89
10	Exercise boosts hippocampal volume by preventing early age-related gray matter loss. <i>Hippocampus</i> , 2014, 24, 131-134.	0.9	36
11	Functionally altered neurocircuits in a rat model of treatment-resistant depression show prominent role of the habenula. <i>European Neuropsychopharmacology</i> , 2014, 24, 381-390.	0.3	30
12	Incremental Learning with SVM for Multimodal Classification of Prostatic Adenocarcinoma. <i>PLoS ONE</i> , 2014, 9, e93600.	1.1	28
13	Haloperidol modulates midbrain-prefrontal functional connectivity in the rat brain. <i>European Neuropsychopharmacology</i> , 2013, 23, 1310-1319.	0.3	31
14	In vivo voxel based morphometry: Detection of increased hippocampal volume and decreased glutamate levels in exercising mice. <i>NeuroImage</i> , 2012, 61, 1206-1212.	2.1	101