Yi Lao

List of Publications by Year
in descending order

18 papers	**164** citations	1307594 **7** h-index	1125743 **13** g-index
18 all docs	**18** docs citations	**18** times ranked	**337** citing authors

#	Article	IF	Citations
1	Mapping the basal ganglia alterations in children chronically exposed to manganese. Scientific Reports, 2017, 7, 41804.	3.3	34
2	A Multivariate Surface-Based Analysis of the Putamen in Premature Newborns: Regional Differences within the Ventral Striatum. PLoS ONE, 2013, 8, e66736.	2.5	33
3	Thalamic alterations in preterm neonates and their relation to ventral striatum disturbances revealed by a combined shape and pose analysis. Brain Structure and Function, 2016, 221, 487-506.	2.3	28
4	A study of brain white matter plasticity in early blinds using tract-based spatial statistics and tract statistical analysis. NeuroReport, 2015, 26, 1151-1154.	1.2	16
5	Impact of Early and Late Visual Deprivation on the Structure of the Corpus Callosum: A Study Combining Thickness Profile with Surface Tensor-Based Morphometry. Neuroinformatics, 2015, 13, 321-336.	2.8	15
6	A T1 and DTI fused 3D corpus callosum analysis in pre- vs. post-season contact sports players. Proceedings of SPIE, 2015, 9287, .	0.8	11
7	A T1 and DTI fused 3D corpus callosum analysis in MCI subjects with high and low cardiovascular risk profile. NeuroImage: Clinical, 2017, 14, 298-307.	2.7	10
8	Putamen development in children 12 to 21 months old. Proceedings of SPIE, 2017, 10160, .	0.8	4
9	Statistical Analysis of Relative Pose of the Thalamus in Preterm Neonates. Lecture Notes in Computer Science, 2014, 8361, 1-9.	1.3	4
10	Discriminating lung adenocarcinoma from lung squamous cell carcinoma using respiration-induced tumor shape changes. Physics in Medicine and Biology, 2018, 63, 215027.	3.0	2
11	A post-processing method based on interphase motion correction and averaging to improve image quality of 4D magnetic resonance imaging: a clinical feasibility study. British Journal of Radiology, 2019, 92, 20180424.	2.2	2
12	Bladder surface dose modeling in prostate cancer radiotherapy: An analysis of motion–induced variations and the cumulative dose across the treatment. Medical Physics, 2021, 48, 8024-8036.	3.0	2
13	3D pre- versus post-season comparisons of surface and relative pose of the corpus callosum in contact sport athletes. Proceedings of SPIE, 2014, , .	0.8	1
14	Abnormal ventricular development in preterm neonates with visually normal MRIs. Proceedings of SPIE, 2015, 9681, .	0.8	1
15	Combined morphologic and metabolic pipeline for Positron emission tomography/computed tomography based radiotherapy response evaluation in locally advanced pancreatic adenocarcinoma. Physics and Imaging in Radiation Oncology, 2019, 9, 28-34.	2.9	1
16	Improving image quality in small animal diffusion tensor imaging at 7T. , 2012, , .		0
17	Multivariate surface-based analysis of corpus callosum in patients with sickle cell disease. , 2017, 10160, .		0
18	A novel morphologic and metabolic feature fused treatment response evaluation pipeline for pancreatic adenocarcinoma patients.. Journal of Clinical Oncology, 2018, 36, 311-311.	1.6	0