

# Xiawei Ou

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

730  
citations

623734

14  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1420  
citing authors

#	ARTICLE	IF	CITATIONS
1	The radial diffusivity and magnetization transfer pool size ratio are sensitive markers for demyelination in a rat model of type III multiple sclerosis (MS) lesions. <i>NeuroImage</i> , 2013, 74, 298-305.	4.2	104
2	Brain gray and white matter differences in healthy normal weight and obese children. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1205-1213.	3.4	91
3	The MT pool size ratio and the DTI radial diffusivity may reflect the myelination in shiverer and control mice. <i>NMR in Biomedicine</i> , 2009, 22, 480-487.	2.8	76
4	Quantitative magnetization transfer measured pool size ratio reflects optic nerve myelin content in ex vivo mice. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 364-371.	3.0	69
5	Maternal adiposity negatively influences infant brain white matter development. <i>Obesity</i> , 2015, 23, 1047-1054.	3.0	49
6	MT effects and $T_1$ quantification in single-slice spoiled gradient echo imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 835-845.	3.0	48
7	White Matter Injury in Newborns With Congenital Heart Disease: A Diffusion Tensor Imaging Study. <i>Pediatric Neurology</i> , 2014, 51, 377-383.	2.1	42
8	Sex-specific association between infant diet and white matter integrity in 8-y-old children. <i>Pediatric Research</i> , 2014, 76, 535-543.	2.3	32
9	Voxel-Based Morphometry and fMRI Revealed Differences in Brain Gray Matter in Breastfed and Milk Formula-Fed Children. <i>American Journal of Neuroradiology</i> , 2016, 37, 713-719.	2.4	31
10	Cesarean Delivery Impacts Infant Brain Development. <i>American Journal of Neuroradiology</i> , 2019, 40, 169-177.	2.4	26
11	Maternal Anxiety and Depression during Late Pregnancy and Newborn Brain White Matter Development. <i>American Journal of Neuroradiology</i> , 2020, 41, 1908-1915.	2.4	23
12	Maternal Adiposity Influences Neonatal Brain Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 514.	2.0	22
13	Diffusion Tensor MRI of White Matter of Healthy Full-term Newborns: Relationship to Neurodevelopmental Outcomes. <i>Radiology</i> , 2019, 292, 179-187.	7.3	19
14	Gestational Age at Birth and Brain White Matter Development in Term-Born Infants and Children. <i>American Journal of Neuroradiology</i> , 2017, 38, 2373-2379.	2.4	18
15	Diffusion tensor imaging evaluation of white matter in adolescents with myelomeningocele and Chiari II malformation. <i>Pediatric Radiology</i> , 2011, 41, 1407-1415.	2.0	16
16	Brain activation to high-calorie food images in healthy normal weight and obese children: a fMRI study. <i>BMC Obesity</i> , 2018, 5, 31.	3.1	12
17	Maternal Obesity during Pregnancy is Associated with Lower Cortical Thickness in the Neonate Brain. <i>American Journal of Neuroradiology</i> , 2021, 42, 2238-2244.	2.4	11
18	White Matter Microstructure Correlates with Memory Performance in Healthy Children: A Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2019, 29, 233-241.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Decreased activation and increased lateralization in brain functioning for selective attention and response inhibition in adolescents with spina bifida. <i>Child Neuropsychology</i> , 2013, 19, 23-36.	1.3	8
20	Diffusion tensor imaging in extremely low birth weight infants managed with hypercapnic vs. normocapnic ventilation. <i>Pediatric Radiology</i> , 2014, 44, 980-986.	2.0	7
21	Brain Cortical Structure and Executive Function in Children May Be Influenced by Parental Choices of Infant Diets. <i>American Journal of Neuroradiology</i> , 2020, 41, 1302-1308.	2.4	5
22	Associations Between White Matter Microstructures and Cognitive Functioning in 8-Year-Old Children: A Track-Weighted Imaging Study. <i>Journal of Child Neurology</i> , 2022, 37, 471-490.	1.4	3
23	Câ€section increases cecal abundance of the archetypal bile acid and glucocorticoid modifying <i>Lachnoclostridium [clostridium] scindens</i> in mice. <i>Physiological Reports</i> , 2022, 10, .	1.7	3
24	Cortical Morphometry is Associated with Neuropsychological Function in Healthy 8â€Yearâ€Old Children. <i>Journal of Neuroimaging</i> , 2020, 30, 833-842.	2.0	2
25	Correlations between sleep disturbance and brain cortical morphometry in healthy children. <i>Sleep Science and Practice</i> , 2021, 5, .	1.3	2
26	Neural correlates of sleep quality in children: Sexâ€specific associations shown by brain diffusion tractography. <i>Journal of Neuroimaging</i> , 2022, , .	2.0	2