

Simin Zhang

List of Publications by Year in descending order

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16
papers

444
citations

1163117

8
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-Federated-Learning and Deep Learning Models for COVID-19 Detection Using CT Imaging. IEEE Sensors Journal, 2021, 21, 16301-16314.	4.7	243
2	High-resolution computed tomography features of 17 cases of coronavirus disease 2019 in Sichuan province, China. European Respiratory Journal, 2020, 55, 2000334.	6.7	50
3	Automated machine learning based on radiomics features predicts H3 K27M mutation in midline gliomas of the brain. Neuro-Oncology, 2019, 22, 393-401.	1.2	48
4	Automated machine learning to predict the co-occurrence of isocitrate dehydrogenase mutations and methylguanine-DNA methyltransferase promoter methylation in patients with gliomas. Journal of Magnetic Resonance Imaging, 2021, 54, 197-205.	3.4	17
5	Quantitative MR spectroscopy reveals metabolic changes in the dorsolateral prefrontal cortex of patients with temporal lobe epilepsy. European Radiology, 2018, 28, 4496-4503.	4.5	14
6	Psychoradiological investigations of gray matter alterations in patients with anorexia nervosa. Translational Psychiatry, 2018, 8, 277.	4.8	14
7	Abnormal metabolite concentrations and amygdala volume in patients with recent-onset posttraumatic stress disorder. Journal of Affective Disorders, 2018, 241, 539-545.	4.1	12
8	Gray matter abnormalities in Tourette Syndrome: a meta-analysis of voxel-based morphometry studies. Translational Psychiatry, 2021, 11, 287.	4.8	12
9	Increased right amygdala metabolite concentrations in the absence of atrophy in children and adolescents with PTSD. European Child and Adolescent Psychiatry, 2019, 28, 807-817.	4.7	8
10	White Matter Abnormalities in Anorexia Nervosa: Psychoradiologic Evidence From Meta-Analysis of Diffusion Tensor Imaging Studies Using Tract Based Spatial Statistics. Frontiers in Neuroscience, 2020, 14, 159.	2.8	6
11	Metabolic alterations of the dorsolateral prefrontal cortex in sleep-related hypermotor epilepsy: A proton magnetic resonance spectroscopy study. Journal of Neuroscience Research, 2021, 99, 2657-2668.	2.9	6
12	Multimodal MR imaging signatures to identify brain diffuse midline gliomas with H3 K27M mutation. Cancer Medicine, 2022, 11, 1048-1058.	2.8	5
13	Amelanotic Meningeal Melanoma with Leptomeningeal Dissemination: A Case Report and Systematic Literature Review. World Neurosurgery, 2019, 122, 229-239.	1.3	4
14	Multimodal MRI features of an intracranial juvenile Xanthogranuloma. Child's Nervous System, 2019, 35, 871-874.	1.1	2
15	Quantitative 1H-MRS reveals metabolic difference between subcategories of malformations of cortical development. Neuroradiology, 2021, 63, 1539-1548.	2.2	2
16	1H-MRS reveals metabolic alterations in generalized tonic-clonic seizures before and after treatment. Acta Neurologica Scandinavica, 2021, , .	2.1	1