

Zhihan Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/874011/publications.pdf>

Version: 2024-02-01

19
papers

316
citations

933447

10
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive decline in type 2 diabetic db/db mice may be associated with brain region-specific metabolic disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 266-273.	3.8	59
2	Metabonomic analysis of potential biomarkers and drug targets involved in diabetic nephropathy mice. <i>Scientific Reports</i> , 2015, 5, 11998.	3.3	41
3	NMR-based metabolomics reveals brain region-specific metabolic alterations in streptozotocin-induced diabetic rats with cognitive dysfunction. <i>Metabolic Brain Disease</i> , 2017, 32, 585-593.	2.9	36
4	NMR-Based Metabolomics Reveal a Recovery from Metabolic Changes in the Striatum of 6-OHDA-Induced Rats Treated with Basic Fibroblast Growth Factor. <i>Molecular Neurobiology</i> , 2016, 53, 6690-6697.	4.0	23
5	Differences in the functional connectivity density of the brain between individuals with growth hormone deficiency and idiopathic short stature. <i>Psychoneuroendocrinology</i> , 2019, 103, 67-75.	2.7	18
6	Serum Metabonomic Analysis of Protective Effects of Curcuma aromatica Oil on Renal Fibrosis Rats. <i>PLoS ONE</i> , 2014, 9, e108678.	2.5	16
7	Early Effect of Amyloid β -Peptide on Hippocampal and Serum Metabolism in Rats Studied by an Integrated Method of NMR-Based Metabolomics and ANOVA-Simultaneous Component Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	15
8	Ex vivo ^1H nuclear magnetic resonance spectroscopy reveals systematic alterations in cerebral metabolites as the key pathogenetic mechanism of bilirubin encephalopathy. <i>Molecular Brain</i> , 2014, 7, 87.	2.6	14
9	Altered Brain Structure and Functional Connectivity Associated with Pubertal Hormones in Girls with Precocious Puberty. <i>Neural Plasticity</i> , 2019, 2019, 1-10.	2.2	13
10	Preliminary Evidence of Sex Differences in Cortical Thickness Following Acute Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 878.	2.4	11
11	Identification of Energy Metabolism Changes in Diabetic Cardiomyopathy Rats Using a Metabonomic Approach. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 934-946.	1.6	11
12	Alterations in Cortical Thickness and White Matter Integrity in Mild-to-Moderate Communicating Hydrocephalic School-Aged Children Measured by Whole-Brain Cortical Thickness Mapping and DTI. <i>Neural Plasticity</i> , 2017, 2017, 1-6.	2.2	10
13	Metabolic Changes Associated with a Rat Model of Diabetic Depression Detected by Ex Vivo ^1H Nuclear Magnetic Resonance Spectroscopy in the Prefrontal Cortex, Hippocampus, and Hypothalamus. <i>Neural Plasticity</i> , 2018, 2018, 1-12.	2.2	10
14	Altered resting-state functional connectivity density in patients with neuromyelitis optica-spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 43, 102187.	2.0	8
15	A Comparative Study of Two-Compartment Exchange Models for Dynamic Contrast-Enhanced MRI in Characterizing Uterine Cervical Carcinoma. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.8	7
16	Voxel-based morphometry reveals regional reductions of gray matter volume in school-aged children with short-term type 1 diabetes mellitus. <i>NeuroReport</i> , 2019, 30, 516-521.	1.2	7
17	A comparative study of four diffusion-weighted imaging models in the diagnosis of cervical cancer. <i>Acta Radiologica</i> , 2022, 63, 536-544.	1.1	7
18	Growth hormone deficiency interferes with dynamic brain networks in short children. <i>Psychoneuroendocrinology</i> , 2022, 142, 105786.	2.7	6

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19	Frontal White Matter Hyperintensities Effect on Default Mode Network Connectivity in Acute Mild Traumatic Brain Injury. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 793491.	3.4	3