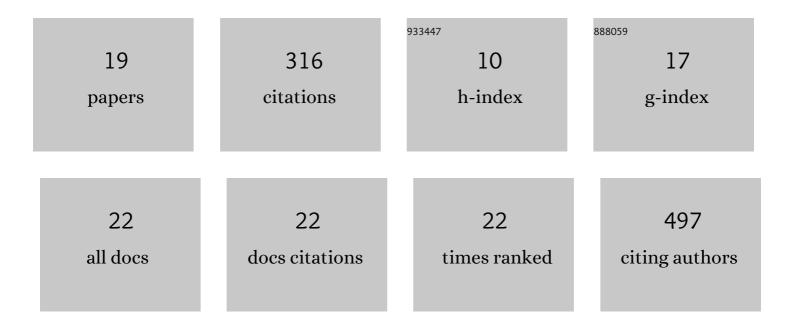
## Zhihan Yan

List of Publications by Year in descending order

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ΖΗΙΗΛΝ ΥΛΝ

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

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Frontal White Matter Hyperintensities Effect on Default Mode Network Connectivity in Acute Mild Traumatic Brain Injury. Frontiers in Aging Neuroscience, 2021, 13, 793491. | 3.4 | 3         |