

# Zhen Zhang

## List of Publications by Year in descending order

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13  
papers

393  
citations

933447

10  
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1199594

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docs citations

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times ranked

664  
citing authors

#	ARTICLE	IF	CITATIONS
1	O-GlcNAcase Expression is Sensitive to Changes in O-GlcNAc Homeostasis. <i>Frontiers in Endocrinology</i> , 2014, 5, 206.	3.5	103
2	Sustained O-GlcNAcylation reprograms mitochondrial function to regulate energy metabolism. <i>Journal of Biological Chemistry</i> , 2017, 292, 14940-14962.	3.4	79
3	Elevated O-GlcNAcylation enhances pro-inflammatory Th17 function by altering the intracellular lipid microenvironment. <i>Journal of Biological Chemistry</i> , 2019, 294, 8973-8990.	3.4	41
4	O-GlcNAc homeostasis contributes to cell fate decisions during hematopoiesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 1363-1379.	3.4	33
5	Modulation of O-GlcNAc Levels in the Liver Impacts Acetaminophen-Induced Liver Injury by Affecting Protein Adduct Formation and Glutathione Synthesis. <i>Toxicological Sciences</i> , 2018, 162, 599-610.	3.1	26
6	Pikachurin interaction with dystroglycan is diminished by defective O-mannosyl glycosylation in congenital muscular dystrophy models and rescued by LARGE overexpression. <i>Neuroscience Letters</i> , 2011, 489, 10-15.	2.1	25
7	Reduced O-GlcNAcase expression promotes mitotic errors and spindle defects. <i>Cell Cycle</i> , 2016, 15, 1363-1375.	2.6	22
8	O-Linked N-Acetylglucosamine (O-GlcNAc) Transferase and O-GlcNAcase Interact with Mi2 <sup>2</sup> Protein at the $\text{Al}^3$ -Globin Promoter. <i>Journal of Biological Chemistry</i> , 2016, 291, 15628-15640.	3.4	21
9	LARGE Expression Augments the Glycosylation of Glycoproteins in Addition to $\alpha$ -Dystroglycan Conferring Laminin Binding. <i>PLoS ONE</i> , 2011, 6, e19080.	2.5	19
10	Prepared and screened a modified TNF- $\alpha$ molecule as TNF- $\alpha$ autovaccine to treat LPS induced endotoxic shock and TNF- $\alpha$ induced cachexia in mouse. <i>Cellular Immunology</i> , 2007, 246, 55-64.	3.0	11
11	The preventive effect of adjuvant-free administration of TNF-PADRE autovaccine on collagen-II-induced rheumatoid arthritis in mice. <i>Cellular Immunology</i> , 2009, 258, 72-77.	3.0	6
12	O-GlcNAcylation Is Essential for Erythropoiesis. <i>Blood</i> , 2019, 134, 2218-2218.	1.4	5
13	O-GlcNAcylation Regulates $\beta$ -Globin Transcription. <i>Blood</i> , 2013, 122, 1020-1020.	1.4	0