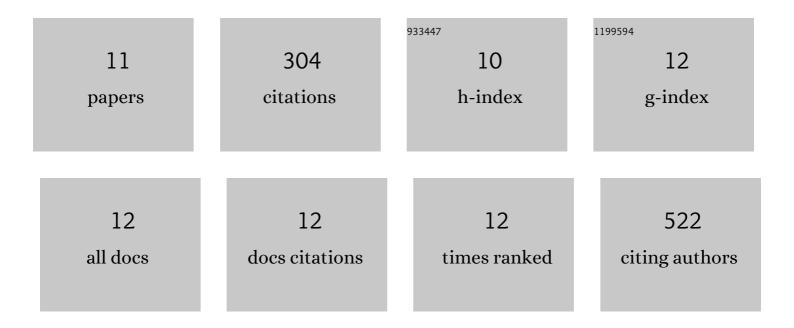
Shaowei Zhang

List of Publications by Year in descending order

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SHAOWEL ZHANC

#	Article	IF	CITATION
1	Structural basis for enzymatic photocatalysis in chlorophyll biosynthesis. Nature, 2019, 574, 722-725.	27.8	88
2	Cellulose binding domain assisted immobilization of lipase (GSlip–CBD) onto cellulosic nanogel: characterization and application in organic medium. Colloids and Surfaces B: Biointerfaces, 2015, 136, 1042-1050.	5.0	42
3	Characterization of a cold-active esterase from Serratia sp. and improvement of thermostability by directed evolution. BMC Biotechnology, 2016, 16, 7.	3.3	39
4	A brain-permeable inhibitor of the neurodegenerative disease target kynurenine 3-monooxygenase prevents accumulation of neurotoxic metabolites. Communications Biology, 2019, 2, 271.	4.4	36
5	Photocatalysis as the â€~master switch' of photomorphogenesis in early plant development. Nature Plants, 2021, 7, 268-276.	9.3	22
6	Inflammation control and improvement of cognitive function in COVID-19 infections: is there a role for kynurenine 3-monooxygenase inhibition?. Drug Discovery Today, 2021, 26, 1473-1481.	6.4	20
7	GH52 xylosidase from Geobacillus stearothermophilus: characterization and introduction of xylanase activity by site-directed mutagenesis of Tyr509. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 65-74.	3.0	18
8	Dual role of the active site â€~lid' regions of protochlorophyllide oxidoreductase in photocatalysis and plant development. FEBS Journal, 2021, 288, 175-189.	4.7	15
9	Advantages of brain penetrating inhibitors of kynurenine-3-monooxygenase for treatment of neurodegenerative diseases. Archives of Biochemistry and Biophysics, 2021, 697, 108702.	3.0	12
10	Characterization of an L-phosphinothricin resistant glutamine synthetase from Exiguobacterium sp. and its improvement. Applied Microbiology and Biotechnology, 2017, 101, 3653-3661.	3.6	10
11	An unusual light-sensing function for coenzyme B12 in bacterial transcription regulator CarH. Methods in Enzymology, 2022, 668, 349-372.	1.0	1