Chao Chen

List of Publications by Year
in descending order

11 papers	14,338 citations	1162889 8 h-index	1372474 10 g-index
12 all docs	12 docs citations	12 times ranked	34228 citing authors

#	Article	IF	Citations
1	A global reference for human genetic variation. Nature, 2015, 526, 68-74.	13.7	13,998
2	Human ACE2 receptor polymorphisms and altered susceptibility to SARS-CoV-2. Communications Biology, 2021, 4, 475.	2.0	126
3	Recent advancement in lignin biorefinery: With special focus on enzymatic degradation and valorization. Bioresource Technology, 2019, 291, 121898.	4.8	57
4	Structure-Based Mutational Studies of Substrate Inhibition of Betaine Aldehyde Dehydrogenase BetB from Staphylococcus aureus. Applied and Environmental Microbiology, 2014, 80, 3992-4002.	1.4	52
5	Tetravalent SARS-CoV-2 Neutralizing Antibodies Show Enhanced Potency and Resistance to Escape Mutations. Journal of Molecular Biology, 2021, 433, 167177.	2.0	31
6	An overview of cotton and polyester, and their blended waste textile valorisation to value-added products: A circular economy approach â€“ research trends, opportunities and challenges. Critical Reviews in Environmental Science and Technology, 2022, 52, 3921-3942.	6.6	24
7	Structural and functional analysis of betaine aldehyde dehydrogenase fromStaphylococcus aureus. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1159-1175.	2.5	16
8	Bacterial dye-decolorizing peroxidases: Biochemical properties and biotechnological opportunities. ChemistrySelect, 2016, 1, .	0.7	15
9	Peptideâ€“Antibody Fusions Engineered by Phage Display Exhibit an Ultrapotent and Broad Neutralization of SARS-CoV-2 Variants. ACS Chemical Biology, 2022, 17, 1978-1988.	1.6	7
10	Use of Phenoxyaniline Analogues To Generate Biochemical Insights into the Interactio n of Polybrominated Diphenyl Ether with CYP2B Enzymes. Biochemistry, 2018, 57, 817-826.	1.2	3
11	Structure-based Design of a Specific, Homogeneous Luminescence Enzyme Reporter Assay for SARS-CoV-2. Journal of Molecular Biology, 2021, 433, 166983.	2.0	1