

Chao Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7673484/publications.pdf>

Version: 2024-02-01

11
papers

14,338
citations

1162367

8
h-index

1372195

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