

Hung-Ju Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8168708/publications.pdf>

Version: 2024-02-01

14
papers

502
citations

759233

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h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	A part toolbox to tune genetic expression in <i>Bacillus subtilis</i> . Nucleic Acids Research, 2016, 44, gkw624.	14.5	157
2	Microbially derived biosensors for diagnosis, monitoring and epidemiology. Microbial Biotechnology, 2017, 10, 1031-1035.	4.2	59
3	A Modular Receptor Platform To Expand the Sensing Repertoire of Bacteria. ACS Synthetic Biology, 2018, 7, 166-175.	3.8	50
4	Rationalization and Design of the Complementarity Determining Region Sequences in an Antibody-Antigen Recognition Interface. PLoS ONE, 2012, 7, e33340.	2.5	42
5	Programmable receptors enable bacterial biosensors to detect pathological biomarkers in clinical samples. Nature Communications, 2021, 12, 5216.	12.8	28
6	Loop-Sequence Features and Stability Determinants in Antibody Variable Domains by High-Throughput Experiments. Structure, 2014, 22, 9-21.	3.3	26
7	Factor Xa Active Site Substrate Specificity with Substrate Phage Display and Computational Molecular Modeling. Journal of Biological Chemistry, 2008, 283, 12343-12353.	3.4	25
8	Assessing Computational Amino Acid β -Turn Propensities with a Phage-Displayed Combinatorial Library and Directed Evolution. Structure, 2006, 14, 1499-1510.	3.3	24
9	Antibody Variable Domain Interface and Framework Sequence Requirements for Stability and Function by High-Throughput Experiments. Structure, 2014, 22, 22-34.	3.3	22
10	Structural basis for chemically-induced homodimerization of a single domain antibody. Scientific Reports, 2019, 9, 1840.	3.3	20
11	Molecular Evolution of Cystine-Stabilized Mini-proteins as Stable Proteinaceous Binders. Structure, 2009, 17, 620-631.	3.3	17
12	Engineering Anti-vascular Endothelial Growth Factor Single Chain Disulfide-stabilized Antibody Variable Fragments (sc-dsFv) with Phage-displayed sc-dsFv Libraries. Journal of Biological Chemistry, 2010, 285, 7880-7891.	3.4	15
13	Synthetic receptors to understand and control cellular functions. Methods in Enzymology, 2020, 633, 143-167.	1.0	11
14	Design of Phage-Displayed Cystine-Stabilized Mini-Protein Libraries for Proteinaceous Binder Engineering. Methods in Molecular Biology, 2014, 1088, 1-17.	0.9	3