

Chi H Trinh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

653
citations

777949

13
h-index

685536

24
g-index

26
all docs

26
docs citations

26
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	From Fragment to Lead: De Novo Design and Development toward a Selective FGFR2 Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1481-1504.	2.9	16
2	Understanding the interaction of 14â€³ proteins with <i>h</i> DMX and <i>h</i> DM2: a structural and biophysical study. <i>FEBS Journal</i> , 2022, 289, 5341-5358.	2.2	3
3	Nanoscale Pattern Extraction from Relative Positions of Sparse 3D Localizations. <i>Nano Letters</i> , 2021, 21, 1213-1220.	4.5	19
4	Selective Affimers Recognise the BCLâ€² Family Proteins BCLâ€ _L and MCLâ€ through Noncanonical Structural Motifs**. <i>ChemBioChem</i> , 2021, 22, 232-240.	1.3	9
5	Identification of Î²-strand mediated proteinâ€“protein interaction inhibitors using ligand-directed fragment ligation. <i>Chemical Science</i> , 2021, 12, 2286-2293.	3.7	3
6	Substitution of histidine 30 by asparagine in manganese superoxide dismutase alters biophysical properties and supports proliferation in a K562 leukemia cell line. <i>European Biophysics Journal</i> , 2021, 50, 571-585.	1.2	5
7	RAS-inhibiting biologics identify and probe druggable pockets including an SII-Î±3 allosteric site. <i>Nature Communications</i> , 2021, 12, 4045.	5.8	19
8	Characterization and applications of a Crimean-Congo hemorrhagic fever virus nucleoprotein-specific Affimer: Inhibitory effects in viral replication and development of colorimetric diagnostic tests. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008364.	1.3	4
9	Directed Assembly of Homopentameric Cholera Toxin B-Subunit Proteins into Higher-Order Structures Using Coiled-Coil Appendages. <i>Journal of the American Chemical Society</i> , 2019, 141, 5211-5219.	6.6	18
10	Crystal structure of the putative cyclase IdmH from the indanomycin nonribosomal peptide synthase/polyketide synthase. <i>IUCr</i> , 2019, 6, 1120-1133.	1.0	8
11	A Single Mutation is Sufficient to Modify the Metal Selectivity and Specificity of a Eukaryotic Manganese Superoxide Dismutase to Encompass Iron. <i>Chemistry - A European Journal</i> , 2018, 24, 5303-5308.	1.7	10
12	The Structure of the Human Respiratory Syncytial Virus M2-1 Protein Bound to the Interaction Domain of the Phosphoprotein P Defines the Orientation of the Complex. <i>MBio</i> , 2018, 9, .	1.8	28
13	Oxygen Activation Switch in the Copper Amine Oxidase of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2018, 57, 5301-5314.	1.2	8
14	Identification of the site of oxidase substrate binding in <i>Scytalidium thermophilum</i> catalase. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 979-985.	1.1	5
15	Extending enzyme molecular recognition with an expanded amino acid alphabet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2610-2615.	3.3	30
16	Generation of specific inhibitors of SUMO-1â€“ and SUMO-2/3â€“mediated protein-protein interactions using Affimer (Adhiron) technology. <i>Science Signaling</i> , 2017, 10, .	1.6	44
17	Hypertrophic cardiomyopathy mutations in the calponin-homology domain of ACTN2 affect actin binding and cardiomyocyte Z-disc incorporation. <i>Biochemical Journal</i> , 2016, 473, 2485-2493.	1.7	42
18	Genetic analysis of <i>Physcomitrella patens</i> identifies ABSCISIC ACID NON-RESPONSIVE (ANR), a regulator of ABA responses unique to basal land plants and required for desiccation tolerance. <i>Plant Cell</i> , 2016, 28, tpc.00091.2016.	3.1	98

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19	The crystal structure of the Hazara virus nucleocapsid protein. BMC Structural Biology, 2015, 15, 24.	2.3	26
20	The structure of the <i>Caenorhabditis elegans</i> manganese superoxide dismutase Mn-SOD-β-azide complex. Protein Science, 2015, 24, 1777-1788.	3.1	18
21	Structure, recombinant expression and mutagenesis studies of the catalase with oxidase activity from <i>Scytalidium thermophilum</i> . Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 398-408.	2.5	10
22	Structures of alternatively spliced isoforms of human ketohexokinase. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 201-211.	2.5	32
23	Purification, crystallization and X-ray structures of the two manganese superoxide dismutases from <i>Caenorhabditis elegans</i> . Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 1110-1114.	0.7	17
24	Crystal structure of monomeric human A β -2-microglobulin reveals clues to its amyloidogenic properties. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9771-9776.	3.3	178