

Gisela Brändén

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

531
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	MraY's antibiotic complex reveals details of tunicamycin mode of action. <i>Nature Chemical Biology</i> , 2017, 13, 265-267.	8.0	96
2	Advances and challenges in time-resolved macromolecular crystallography. <i>Science</i> , 2021, 373, .	12.6	79
3	Structure-based ligand design to overcome CYP inhibition in drug discovery projects. <i>Drug Discovery Today</i> , 2014, 19, 905-911.	6.4	65
4	Ultrafast structural changes within a photosynthetic reaction centre. <i>Nature</i> , 2021, 589, 310-314.	27.8	47
5	Membrane protein structural biology using X-ray free electron lasers. <i>Current Opinion in Structural Biology</i> , 2015, 33, 115-125.	5.7	42
6	Serial femtosecond crystallography structure of cytochrome c oxidase at room temperature. <i>Scientific Reports</i> , 2017, 7, 4518.	3.3	34
7	Structural basis for selective inhibition of antibacterial target MraY, a membrane-bound enzyme involved in peptidoglycan synthesis. <i>Drug Discovery Today</i> , 2018, 23, 1426-1435.	6.4	30
8	Coherent diffractive imaging of microtubules using an X-ray laser. <i>Nature Communications</i> , 2019, 10, 2589.	12.8	22
9	From Macrocrystals to Microcrystals: A Strategy for Membrane Protein Serial Crystallography. <i>Structure</i> , 2017, 25, 1461-1468.e2.	3.3	21
10	A polysaccharide utilization locus from the gut bacterium <i>Dysgonomonas mossii</i> encodes functionally distinct carbohydrate esterases. <i>Journal of Biological Chemistry</i> , 2021, 296, 100500.	3.4	21
11	Flow-aligned, single-shot fiber diffraction using a femtosecond X-ray free-electron laser. <i>Cytoskeleton</i> , 2017, 74, 472-481.	2.0	12
12	Well-based crystallization of lipidic cubic phase microcrystals for serial X-ray crystallography experiments. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 937-946.	2.3	10
13	Exploring the Active Site of the Antibacterial Target MraY by Modified Tunicamycins. <i>ACS Chemical Biology</i> , 2020, 15, 2885-2895.	3.4	9
14	Structural insights of the enzymes from the chitin utilization locus of <i>Flavobacterium johnsoniae</i> . <i>Scientific Reports</i> , 2020, 10, 13775.	3.3	9
15	Structural diversity and substrate preferences of three tannase enzymes encoded by the anaerobic bacterium <i>Clostridium butyricum</i> . <i>Journal of Biological Chemistry</i> , 2022, 298, 101758.	3.4	9
16	Current status and future opportunities for serial crystallography at MAX IV Laboratory. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1095-1102.	2.4	7
17	Lipidic cubic phase serial femtosecond crystallography structure of a photosynthetic reaction centre. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 698-708.	2.3	7
18	Branched Chain Lipid Metabolism As a Determinant of the N-Acyl Variation of <i>Streptomyces</i> Natural Products. <i>ACS Chemical Biology</i> , 2021, 16, 116-124.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Structure of a C1/C4-oxidizing AA9 lytic polysaccharide monooxygenase from the thermophilic fungus <i>Malbranchea cinnamomea</i> . Acta Crystallographica Section D: Structural Biology, 2021, 77, 1019-1026.	2.3	5
20	A simple adaptation to a protein crystallography station to facilitate difference X-ray scattering studies. Journal of Applied Crystallography, 2019, 52, 378-386.	4.5	0