

Gottfried J Palm

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

636
citations

687363

13
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	The induction mechanism of the flavonoid-responsive regulator FrrA. <i>FEBS Journal</i> , 2022, 289, 507-518.	4.7	2
2	Structural and Biophysical Insights into SPINK1 Bound to Human Cationic Trypsin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3468.	4.1	4
3	Entdeckung und Design promiskuitiver Acyltransferase-Aktivität in Carboxylesterasen der Familie...VIII. <i>Angewandte Chemie</i> , 2021, 133, 2041-2045.	2.0	0
4	Discovery and Design of Family...VIII Carboxylesterases as Highly Efficient Acyltransferases. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2013-2017.	13.8	25
5	Structural analysis of PET-degrading enzymes PETase and MHETase from <i>Ideonella sakaiensis</i> . <i>Methods in Enzymology</i> , 2021, 648, 337-356.	1.0	4
6	Promiscuous Dehalogenase Activity of the Epoxide Hydrolase CorEH from <i>Corynebacterium</i> sp. C12. <i>ACS Catalysis</i> , 2021, 11, 6113-6120.	11.2	5
7	DYW domain structures imply an unusual regulation principle in plant organellar RNA editing catalysis. <i>Nature Catalysis</i> , 2021, 4, 510-522.	34.4	37
8	Sequence-Based Prediction of Promiscuous Acyltransferase Activity in Hydrolases. <i>Angewandte Chemie</i> , 2020, 132, 11704-11709.	2.0	13
9	Sequence-Based Prediction of Promiscuous Acyltransferase Activity in Hydrolases. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11607-11612.	13.8	40
10	Structure of the plastic-degrading <i>Ideonella sakaiensis</i> MHETase bound to a substrate. <i>Nature Communications</i> , 2019, 10, 1717.	12.8	265
11	Azurin and HS ⁺ : Towards Implementation of a Sensor for HS ⁺ Detection. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 885-891.	2.0	15
12	Mapping the recognition domains of pneumococcal fibronectin-binding proteins PavA and PavB demonstrates a common pattern of molecular interactions with fibronectin type III repeats. <i>Molecular Microbiology</i> , 2017, 105, 839-859.	2.5	16
13	Structural evidence of intramolecular propeptide inhibition of the aspzincin metalloendopeptidase AsaP1. <i>FEBS Letters</i> , 2016, 590, 3280-3294.	2.8	3
14	Dimerization-Induced Allosteric Changes of the Oxyanion-Hole Loop Activate the Pseudorabies Virus Assemblin pUL26N, a Herpesvirus Serine Protease. <i>PLoS Pathogens</i> , 2015, 11, e1005045.	4.7	15
15	Structure and catalytic mechanism of the evolutionarily unique bacterial chalcone isomerase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 907-917.	2.5	21
16	Crystallographic characterization of the (<i>R</i>)-selective amine transaminase from <i>Aspergillus fumigatus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1086-1093.	2.5	36
17	Structural insights into the redox-switch mechanism of the MarR/DUF24-type regulator HypR. <i>Nucleic Acids Research</i> , 2012, 40, 4178-4192.	14.5	54
18	The crystal structure of an esterase from the hyperthermophilic microorganism <i>Pyrobaculum calidifontis</i> VA1 explains its enantioselectivity. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1061-1072.	3.6	64

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19	Synergistic and strain-specific effects of bovine spongiform encephalopathy and scrapie prions in the cell-free conversion of recombinant prion protein. <i>Journal of General Virology</i> , 2006, 87, 3753-3761.	2.9	17
20	Structural Basis of the Pancreatitis-Associated Autoproteolytic Failsafe Mechanism in Human Anionic Trypsin. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3633-3642.	3.5	0