

Arnaud BaslÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,478
citations

516710

16
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore dynamics and asymmetric cargo loading in an encapsulin nanocompartment. <i>Science Advances</i> , 2022, 8, eabj4461.	10.3	22
2	Structure and assembly of the S-layer in <i>C. difficile</i> . <i>Nature Communications</i> , 2022, 13, 970.	12.8	30
3	A comprehensive structural analysis of the ATPase domain of human DNA topoisomerase II beta bound to AMPPNP, ADP, and the bisdioxopiperazine, ICRF193. <i>Structure</i> , 2022, 30, 1129-1145.e3.	3.3	6
4	Insights into SusCD-mediated glycan import by a prominent gut symbiont. <i>Nature Communications</i> , 2021, 12, 44.	12.8	42
5	Structural Basis for Silicic Acid Uptake by Higher Plants. <i>Journal of Molecular Biology</i> , 2021, 433, 167226.	4.2	18
6	Acquisition of ionic copper by the bacterial outer membrane protein OprC through a novel binding site. <i>PLoS Biology</i> , 2021, 19, e3001446.	5.6	14
7	Dissecting the structural and functional roles of a putative metal entry site in encapsulated ferritins. <i>Journal of Biological Chemistry</i> , 2020, 295, 15511-15526.	3.4	13
8	Prominent members of the human gut microbiota express endo-acting O-glycanases to initiate mucin breakdown. <i>Nature Communications</i> , 2020, 11, 4017.	12.8	81
9	Uptake of monoaromatic hydrocarbons during biodegradation by FadL channel-mediated lateral diffusion. <i>Nature Communications</i> , 2020, 11, 6331.	12.8	10
10	Structural and functional insights into oligopeptide acquisition by the RagAB transporter from <i>Porphyromonas gingivalis</i> . <i>Nature Microbiology</i> , 2020, 5, 1016-1025.	13.3	46
11	An evolutionary path to altered cofactor specificity in a metalloenzyme. <i>Nature Communications</i> , 2020, 11, 2738.	12.8	22
12	The predictive power of data-processing statistics. <i>IUCr</i> , 2020, 7, 342-354.	2.2	7
13	A practical overview of molecular replacement: <i>Clostridioides difficile</i> PilA1, a difficult case study. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 261-271.	2.3	3
14	Complex N-glycan breakdown by gut <i>Bacteroides</i> involves an extensive enzymatic apparatus encoded by multiple co-regulated genetic loci. <i>Nature Microbiology</i> , 2019, 4, 1571-1581.	13.3	116
15	Unusual Constriction Zones in the Major Porins OmpU and OmpT from <i>Vibrio cholerae</i> . <i>Structure</i> , 2018, 26, 708-721.e4.	3.3	22
16	Structural basis for chitin acquisition by marine <i>Vibrio</i> species. <i>Nature Communications</i> , 2018, 9, 220.	12.8	37
17	Insight into Metal Removal from Peptides that Sequester Copper for Methane Oxidation. <i>Chemistry - A European Journal</i> , 2018, 24, 4515-4518.	3.3	16
18	Crystal structure of NucB, a biofilm-degrading endonuclease. <i>Nucleic Acids Research</i> , 2018, 46, 473-484.	14.5	21

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19	Crystal structure of the <i>Acinetobacter baumannii</i> outer membrane protein Omp33. Acta Crystallographica Section D: Structural Biology, 2018, 74, 852-860.	2.3	8
20	Structural basis for nutrient acquisition by dominant members of the human gut microbiota. Nature, 2017, 541, 407-411.	27.8	188
21	Visualizing Biological Copper Storage: The Importance of Thiolate-Coordinated Tetranuclear Clusters. Angewandte Chemie - International Edition, 2017, 56, 8697-8700.	13.8	16
22	Structural basis for maintenance of bacterial outer membrane lipid asymmetry. Nature Microbiology, 2017, 2, 1616-1623.	13.3	118
23	Visualizing Biological Copper Storage: The Importance of Thiolate-Coordinated Tetranuclear Clusters. Angewandte Chemie, 2017, 129, 8823-8826.	2.0	3
24	Bacterial cytosolic proteins with a high capacity for Cu(I) that protect against copper toxicity. Scientific Reports, 2016, 6, 39065.	3.3	52
25	Structural basis for Mep2 ammonium transceptor activation by phosphorylation. Nature Communications, 2016, 7, 11337.	12.8	52
26	Structural Insights into Outer Membrane Permeability of <i>Acinetobacter baumannii</i> . Structure, 2016, 24, 221-231.	3.3	49
27	Glycan complexity dictates microbial resource allocation in the large intestine. Nature Communications, 2015, 6, 7481.	12.8	328
28	Small-Molecule Transport by CarO, an Abundant Eight-Stranded β -Barrel Outer Membrane Protein from <i>Acinetobacter baumannii</i> . Journal of Molecular Biology, 2015, 427, 2329-2339.	4.2	54
29	A four-helix bundle stores copper for methane oxidation. Nature, 2015, 525, 140-143.	27.8	83