C Keith Cassidy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1488186/publications.pdf

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17	870	840585 11	996849 15
papers	citations	h-index	g-index

22	22	22	1284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	UVC inactivation of pathogenic samples suitable for cryo-EM analysis. Communications Biology, 2022, 5, 29.	2.0	7
2	Hexameric rings of the scaffolding protein CheW enhance response sensitivity and cooperativity in Escherichia coli chemoreceptor arrays. Science Signaling, 2022, 15, eabj1737.	1.6	12
3	PyLipID: A Python Package for Analysis of Proteinâ€“Lipid Interactions from Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2022, 18, 1188-1201.	2.3	69
4	Dynamics of an LPS translocon induced by substrate and an antimicrobial peptide. Nature Chemical Biology, 2021, 17, 187-195.	3.9	41
5	Alternative Architecture of the E. coli Chemosensory Array. Biomolecules, 2021, 11, 495.	1.8	6
6	A Bacterial Inflammation Sensor Regulates c-di-GMP Signaling, Adhesion, and Biofilm Formation. MBio, 2021, 12, e0017321.	1.8	9
7	Structure and dynamics of the E. coli chemotaxis core signaling complex by cryo-electron tomography and molecular simulations. Communications Biology, 2020, 3, 24.	2.0	35
8	Complete structure of the chemosensory array core signalling unit in an E. coli minicell strain. Nature Communications, 2020, 11, 743.	5.8	47
9	The Unconventional Cytoplasmic Sensing Mechanism for Ethanol Chemotaxis in Bacillus subtilis. MBio, 2020, 11, .	1.8	20
10	In Situ Conformational Changes of the Escherichia coli Serine Chemoreceptor in Different Signaling States. MBio, 2019, 10, .	1.8	29
11	CryoEM-based hybrid modeling approaches for structure determination. Current Opinion in Microbiology, 2018, 43, 14-23.	2.3	19
12	New Insights Into Bacterial Chemoreceptor Array From Electron Cryotomography. Microscopy and Microanalysis, 2018, 24, 1336-1337.	0.2	0
13	GPU-accelerated molecular dynamics clustering analysis with OpenACC. , 2017, , 215-240.		2
14	Computational Methodologies for Real-Space Structural Refinement of Large Macromolecular Complexes. Annual Review of Biophysics, 2016, 45, 253-278.	4.5	67
15	CryoEM and computer simulations reveal a novel kinase conformational switch in bacterial chemotaxis signaling. ELife, 2015, 4, .	2.8	106
16	Molecular dynamics simulations of large macromolecular complexes. Current Opinion in Structural Biology, 2015, 31, 64-74.	2.6	347
17	<scp>CheY's</scp> acetylation sites responsible for generating clockwise flagellar rotation in <scp>E</scp>scherichia coli. Molecular Microbiology, 2015, 95, 231-244.	1.2	51