

Shintaroh Kubo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,418
citations

1307594

7
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	The inner junction complex of the cilia is an interaction hub that involves tubulin post-translational modifications. <i>ELife</i> , 2020, 9, .	6.0	1,191
2	Tubulin lattice in cilia is in a stressed form regulated by microtubule inner proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19930-19938.	7.1	61
3	Remodeling and activation mechanisms of outer arm dyneins revealed by cryo-EM. <i>EMBO Reports</i> , 2021, 22, e52911.	4.5	39
4	Molecular dynamics simulation of proton-transfer coupled rotations in ATP synthase FO motor. <i>Scientific Reports</i> , 2020, 10, 8225.	3.3	34
5	Role of bacterial RNA polymerase gate opening dynamics in DNA loading and antibiotics inhibition elucidated by quasi-Markov State Model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30
6	Allosteric conformational change cascade in cytoplasmic dynein revealed by structure-based molecular simulations. <i>PLoS Computational Biology</i> , 2017, 13, e1005748.	3.2	29
7	Resolving the data asynchronicity in high-speed atomic force microscopy measurement via the Kalman Smoother. <i>Scientific Reports</i> , 2020, 10, 18393.	3.3	9
8	Rotational Mechanism of FO Motor in the F-Type ATP Synthase Driven by the Proton Motive Force. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	6
9	How Cytoplasmic Dynein Couples ATP Hydrolysis Cycle to Diverse Stepping Motions: Kinetic Modeling. <i>Biophysical Journal</i> , 2020, 118, 1930-1945.	0.5	4
10	Cooperation among c-subunits of FoF1-ATP synthase in rotation-coupled proton translocation. <i>ELife</i> , 2022, 11, .	6.0	4
11	Heterogeneous dissociation process of truncated RNAs by oligomerized Vasa helicase. <i>Communications Biology</i> , 2021, 4, 1386.	4.4	2
12	How Rib43a and Acetylation of K40 Control the Rigidity of Microtubules. <i>Biophysical Journal</i> , 2021, 120, 175a.	0.5	0