

Rana Hussein Ali

List of Publications by Year in descending order

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10
papers

1,145
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures of the intermediates of Kokâ€™s photosynthetic water oxidation clock. Nature, 2018, 563, 421-425.	27.8	386
2	Structure of photosystem II and substrate binding at room temperature. Nature, 2016, 540, 453-457.	27.8	323
3	Drop-on-demand sample delivery for studying biocatalysts in action at X-ray free-electron lasers. Nature Methods, 2017, 14, 443-449.	19.0	150
4	Untangling the sequence of events during the S ₂ â† S ₃ transition in photosystem II and implications for the water oxidation mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12624-12635.	7.1	149
5	Structural dynamics in the water and proton channels of photosystem II during the S ₂ to S ₃ transition. Nature Communications, 2021, 12, 6531.	12.8	73
6	Extending electron paramagnetic resonance to nanoliter volume protein single crystals using a self-resonant microhelix. Science Advances, 2019, 5, eaay1394.	10.3	21
7	Solution Structure of the Detergentâ€Photosystem II Core Complex Investigated by Small-Angle Scattering Techniques. Journal of Physical Chemistry B, 2020, 124, 8583-8592.	2.6	13
8	Room temperature XFEL crystallography reveals asymmetry in the vicinity of the two phylloquinones in photosystem I. Scientific Reports, 2021, 11, 21787.	3.3	11
9	Effects of x-ray free-electron laser pulse intensity on the Mn K _{1,3} x-ray emission spectrum in photosystem IIâ€A case study for metalloprotein crystals and solutions. Structural Dynamics, 2021, 8, 064302.	2.3	10
10	Optimizing Crystal Size of Photosystem II by Macroseeding: Toward Neutron Protein Crystallography. Crystal Growth and Design, 2018, 18, 85-94.	3.0	9