

Jonathan R Church

List of Publications by Year in descending order

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9
papers

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citations

1478505

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1474206

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docs citations

11
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105
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the Spectral Tuning Mechanism in Proteorhodopsin: The Dominant Role of Electrostatics Instead of Chromophore Geometry. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
2	The Impact of Retinal Configuration on the Proteinâ€™Chromophore Interactions in Bistable Jumping Spider Rhodopsin-1. <i>Molecules</i> , 2022, 27, 71.	3.8	9
3	Rhodopsin-bestrophin fusion proteins from unicellular algae form gigantic pentameric ion channels. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 592-603.	8.2	23
4	Frontiers in Multiscale Modeling of Photoreceptor Proteins. <i>Photochemistry and Photobiology</i> , 2021, 97, 243-269.	2.5	26
5	Kinetic Study of Gas-Phase Reactions of Pyruvic Acid with HO ₂ . <i>Journal of Physical Chemistry A</i> , 2021, 125, 2232-2242.	2.5	4
6	Gas-Phase Reaction Kinetics of Pyruvic Acid with OH Radicals: The Role of Tunneling, Complex Formation, and Conformational Structure. <i>Journal of Physical Chemistry A</i> , 2020, 124, 790-800.	2.5	15
7	Double Hydrogen-Atom Exchange Reactions of HX (X = F, Cl, Br, I) with HO ₂ . <i>Journal of Physical Chemistry A</i> , 2018, 122, 5251-5260.	2.5	6
8	Reaction Kinetics of HBr with HO ₂ : A New Channel for Isotope Scrambling Reactions. <i>Journal of Physical Chemistry A</i> , 2016, 120, 8503-8511.	2.5	2
9	Charge Transfer and Polarization for Chloride Ions Bound in ClC Transport Proteins: Natural Bond Orbital and Energy Decomposition Analyses. <i>Journal of Physical Chemistry B</i> , 2013, 117, 16029-16043.	2.6	13