

Jonathan R Church

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

105
citations

1478505

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h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

105
citing authors

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