

Rongfeng Yuan

List of Publications by Year in descending order

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12
papers

386
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Dynamics in Polyacrylamide Hydrogels. <i>Journal of the American Chemical Society</i> , 2018, 140, 9466-9477.	13.7	53
2	Unraveling the dynamics and structure of functionalized self-assembled monolayers on gold using 2D IR spectroscopy and MD simulations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4929-4934.	7.1	48
3	Tracking Aqueous Proton Transfer by Two-Dimensional Infrared Spectroscopy and ab Initio Molecular Dynamics Simulations. <i>ACS Central Science</i> , 2019, 5, 1269-1277.	11.3	47
4	Ultrafast to Ultraslow Dynamics of a Langmuir Monolayer at the Air/Water Interface Observed with Reflection Enhanced 2D IR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 16518-16527.	13.7	40
5	Water of Hydration Dynamics in Minerals Gypsum and Bassanite: Ultrafast 2D IR Spectroscopy of Rocks. <i>Journal of the American Chemical Society</i> , 2016, 138, 9694-9703.	13.7	39
6	Molecular Anion Hydrogen Bonding Dynamics in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13407-13415.	2.6	36
7	Ion-Molecule Complex Dissociation and Formation Dynamics in LiCl Aqueous Solutions from 2D IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10582-10592.	2.6	35
8	Dynamics of Water Molecules and Ions in Concentrated Lithium Chloride Solutions Probed with Ultrafast 2D IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7628-7639.	2.6	33
9	Dynamics in a Water Interfacial Boundary Layer Investigated with IR Polarization-Selective Pump-Probe Experiments. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4530-4537.	2.6	24
10	Structural Influences on the Fast Dynamics of Alkylsiloxane Monolayers on SiO ₂ Surfaces Measured with 2D IR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16811-16823.	3.1	19
11	Amplitude of Relaxations in Fluorescence Correlation Spectroscopy for Fluorophores That Diffuse Together. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 304-309.	4.6	7
12	Direct Correlation of Single-Particle Motion to Amorphous Microstructural Components of Semicrystalline Poly(ethylene oxide) Electrolytic Films. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4849-4858.	4.6	5