

Robert T Mackin

List of Publications by Year in descending order

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16
papers

201
citations

1163117

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h-index

1058476

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all docs

16
docs citations

16
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Band-Selective Ballistic Energy Transport in Alkane Oligomers: Toward Controlling the Transport Speed. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6448-6456.	2.6	34
2	Two-Dimensional Fano Lineshapes in Ultrafast Vibrational Spectroscopy of Thin Molecular Layers on Plasmonic Arrays. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3341-3346.	4.6	31
3	Clinical Translational Potential in Skin Wound Regeneration for Adipose-Derived, Blood-Derived, and Cellulose Materials: Cells, Exosomes, and Hydrogels. <i>Biomolecules</i> , 2020, 10, 1373.	4.0	26
4	Surface-Enhanced Dual-Frequency Two-Dimensional Vibrational Spectroscopy of Thin Layers at an Interface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11015-11023.	3.1	21
5	Radiative Enhancement of Linear and Third-Order Vibrational Excitations by an Array of Infrared Plasmonic Antennas. <i>ACS Nano</i> , 2018, 12, 4521-4528.	14.6	20
6	Plasmonic Trimers for Dual-Frequency Surface-Enhanced Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24731-24739.	3.1	14
7	Synthesis and characterization of TEMPO-oxidized peptide-cellulose conjugate biosensors for detecting human neutrophil elastase. <i>Cellulose</i> , 2022, 29, 1293-1305.	4.9	11
8	Proving and Probing the Presence of the Elusive C-H...O Hydrogen Bond in Liquid Solutions at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17012-17017.	13.8	9
9	Detection of Human Neutrophil Elastase by Fluorescent Peptide Sensors Conjugated to TEMPO-Oxidized Nanofibrillated Cellulose. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3101.	4.1	8
10	Unidirectional coherent energy transport via conjugated oligo(<i>p</i> -phenylene) chains. <i>Journal of Chemical Physics</i> , 2021, 154, 134304.	3.0	7
11	Intense-field interaction regime with weak laser pulses and localized plasmonic enhancement: Reference-free demonstration by 3rd- and 5th-order infrared spectroscopies. <i>Journal of Chemical Physics</i> , 2019, 151, 121103.	3.0	5
12	Low-Temperature Vibrational Energy Transport via PEG Chains. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4578-4583.	4.6	5
13	Ascorbic Acid as an Adjuvant to Unbleached Cotton Promotes Antimicrobial Activity in Spunlace Nonwovens. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3598.	4.1	4
14	Structure/Function Analysis of Truncated Amino-Terminal ACE2 Peptide Analogs That Bind to SARS-CoV-2 Spike Glycoprotein. <i>Molecules</i> , 2022, 27, 2070.	3.8	3
15	Proving and Probing the Presence of the Elusive C-H...O Hydrogen Bond in Liquid Solutions at Room Temperature. <i>Angewandte Chemie</i> , 2020, 132, 17160-17165.	2.0	2
16	Surface-Enhanced 2DIR Spectroscopy of nm-Thick Films Using Plasmonic Nano-arrays. <i>Springer Series in Optical Sciences</i> , 2019, , 287-310.	0.7	1