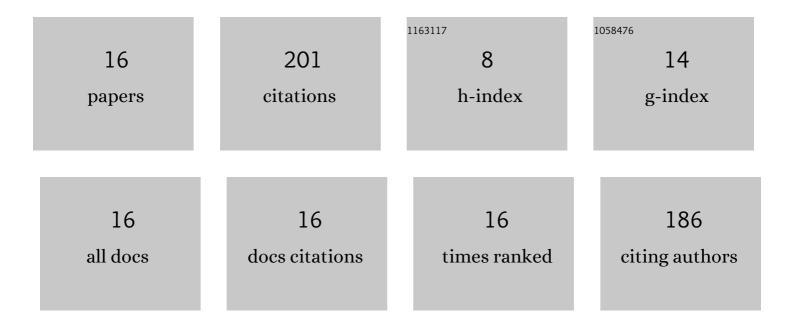
## Robert T Mackin

List of Publications by Year in descending order

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