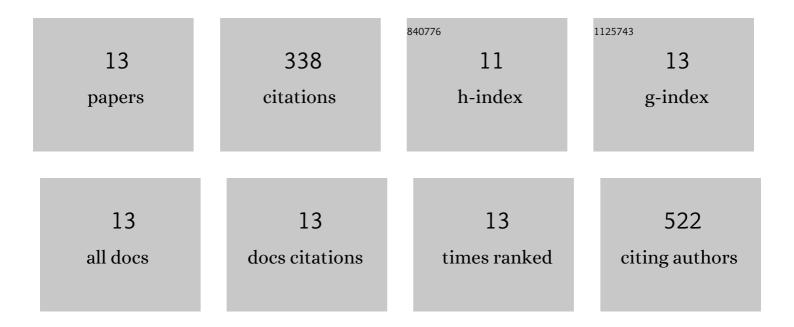
Daniel L Collins-Wildman

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------------|-----------|
| 1 | Polyoxometalate-based gelating networks for entrapment and catalytic decontamination. Chemical Communications, 2017, 53, 11480-11483. | 4.1 | 56 |
| 2 | Metal–Organic Framework- and Polyoxometalate-Based Sorbents for the Uptake and Destruction of Chemical Warfare Agents. ACS Applied Materials & Interfaces, 2020, 12, 14641-14661. | 8.0 | 46 |
| 3 | Stabilization of Polyoxometalate Water Oxidation Catalysts on Hematite by Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2017, 9, 35048-35056. | 8.0 | 39 |
| 4 | Buffer-Induced Acceleration and Inhibition in Polyoxometalate-Catalyzed Organophosphorus Ester Hydrolysis. ACS Catalysis, 2018, 8, 7068-7076. | 11.2 | 37 |
| 5 | Effect of Carbon Dioxide on the Degradation of Chemical Warfare Agent Simulant in the Presence of Zr Metal Organic Framework MOF-808. Chemistry of Materials, 2019, 31, 9904-9914. | 6.7 | 31 |
| 6 | Correlated Multimodal Approach Reveals Key Details of Nerve-Agent Decomposition by Single-Site Zr-Based Polyoxometalates. Journal of Physical Chemistry Letters, 2019, 10, 2295-2299. | 4.6 | 23 |
| 7 | Multi-Tasking POM Systems. Frontiers in Chemistry, 2018, 6, 365. | 3.6 | 22 |
| 8 | Multimodal Characterization of Materials and Decontamination Processes for Chemical Warfare Protection. ACS Applied Materials & Interfaces, 2020, 12, 14721-14738. | 8.0 | 21 |
| 9 | Speciation and Dynamics in the [Co ₄ V ₂ W ₁₈ O ₆₈] ^{10–} /Co(II) _{aq} /C Catalytic Water Oxidation System. ACS Catalysis, 2018, 8, 11952-11959. | Ca(0.2sub> | <129x |
| 10 | Impact of ambient gases on the mechanism of [Cs8Nb6O19]-promoted nerve-agent decomposition. Chemical Science, 2018, 9, 2147-2158. | 7.4 | 18 |
| 11 | Ni ^{II} , Mn ^{II} , and Co ^{II} Coordination Polymers with 1,4-Naphthalenedicarboxylic Acid Exhibiting Metamagnetic and Antiferromagnetic Behaviors. Crystal Growth and Design, 2018, 18, 7541-7547. | 3.0 | 16 |
| 12 | A solvent-free solid catalyst for the selective and color-indicating ambient-air removal of sulfur mustard. Communications Chemistry, 2021, 4, . | 4.5 | 7 |
| 13 | Polyniobate Nanothreads for Decomposition of the Nerve Agent Simulant Dimethyl Chlorophosphate. ACS Applied Nano Materials, 2021, 4, 5649-5654. | 5.0 | 3 |