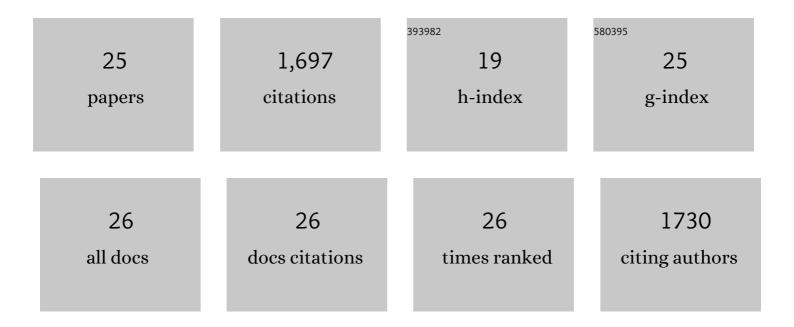
Deborah E Crawford

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------------|-------------|
| 1 | Mechanochemistry Can Reduce Life Cycle Environmental Impacts of Manufacturing Active Pharmaceutical Ingredients. ACS Sustainable Chemistry and Engineering, 2022, 10, 1430-1439. | 3.2 | 54 |
| 2 | Mechanochemical synthesis of mononuclear gold(i) halide complexes of diphosphine ligands with tuneable luminescent properties. Dalton Transactions, 2021, 50, 13337-13344. | 1.6 | 2 |
| 3 | Upscaling Mechanochemistry: Challenges and Opportunities for Sustainable Industry. Trends in Chemistry, 2021, 3, 335-339. | 4.4 | 70 |
| 4 | Greener Dye Synthesis: Continuous, Solventâ€Free Synthesis of Commodity Perylene Diimides by Twinâ€Screw Extrusion. Angewandte Chemie - International Edition, 2020, 59, 4478-4483. | 7.2 | 46 |
| 5 | Solvent-Free, Continuous Synthesis of Hydrazone-Based Active Pharmaceutical Ingredients by Twin-Screw Extrusion. ACS Sustainable Chemistry and Engineering, 2020, 8, 12230-12238. | 3.2 | 71 |
| 6 | Cytotoxicity of Mechanochemically Prepared Cu(II) Complexes. ACS Sustainable Chemistry and Engineering, 2020, 8, 15243-15249. | 3.2 | 13 |
| 7 | Continuous and scalable synthesis of a porous organic cage by twin screw extrusion (TSE). Chemical Science, 2020, 11, 6582-6589. | 3.7 | 30 |
| 8 | European Research in Focus: Mechanochemistry for Sustainable Industry (COST Action) Tj ETQq0 0 0 rgBT /Over | lock 10 Tf | 50,462 Td (|
| 9 | Greener Dye Synthesis: Continuous, Solventâ€Free Synthesis of Commodity Perylene Diimides by Twinâ€Screw Extrusion. Angewandte Chemie, 2020, 132, 4508-4513. | 1.6 | 16 |
| 10 | Insights into mechanochemical reactions at the molecular level: simulated indentations of aspirin and meloxicam crystals. Chemical Science, 2019, 10, 2924-2929. | 3.7 | 29 |
| 11 | Solvent-free sonochemistry as a route to pharmaceutical co-crystals. Chemical Communications, 2019, 55, 5463-5466. | 2.2 | 17 |
| 12 | Papain-catalysed mechanochemical synthesis of oligopeptides by milling and twin-screw extrusion: | 4.6 | 94 |

| 12 | application in the JuliÃj–Colonna enantioselective epoxidation. Green Chemistry, 2018, 20, 1262-1269. | 4.6 | 94 |
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| 13 | Use of Batch Mixing To Investigate the Continuous Solvent-Free Mechanical Synthesis of OLED Materials by Twin-Screw Extrusion (TSE). ACS Sustainable Chemistry and Engineering, 2018, 6, 193-201. | 3.2 | 19 |
| 14 | Translating solid state organic synthesis from a mixer mill to a continuous twin screw extruder. Green Chemistry, 2018, 20, 4443-4447. | 4.6 | 57 |
| 15 | Mechanochemical dehydrocoupling of dimethylamine borane and hydrogenation reactions using Wilkinson's catalyst. Chemical Communications, 2018, 54, 8355-8358. | 2.2 | 27 |
| 16 | Organic synthesis by Twin Screw Extrusion (TSE): continuous, scalable and solvent-free. Green Chemistry, 2017, 19, 1507-1518. | 4.6 | 160 |
| 17 | Mechanoenzymatic peptide and amide bond formation. Green Chemistry, 2017, 19, 2620-2625. | 4.6 | 81 |
| 18 | Feedback Kinetics in Mechanochemistry: The Importance of Cohesive States. Angewandte Chemie - International Edition, 2017, 56, 15252-15256. | 7.2 | 86 |

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Feedback Kinetics in Mechanochemistry: The Importance of Cohesive States. Angewandte Chemie, 2017, 129, 15454-15458. | 1.6 | 34 |
| 20 | Continuous multi-step synthesis by extrusion – telescoping solvent-free reactions for greater efficiency. Chemical Communications, 2017, 53, 13067-13070. | 2.2 | 58 |
| 21 | Extrusion – back to the future: Using an established technique to reform automated chemical synthesis. Beilstein Journal of Organic Chemistry, 2017, 13, 65-75. | 1.3 | 61 |
| 22 | Solvent-free sonochemistry: Sonochemical organic synthesis in the absence of a liquid medium. Beilstein Journal of Organic Chemistry, 2017, 13, 1850-1856. | 1.3 | 21 |
| 23 | Recent Developments in Mechanochemical Materials Synthesis by Extrusion. Advanced Materials, 2016, 28, 5747-5754. | 11.1 | 106 |
| 24 | Synthesis by extrusion: continuous, large-scale preparation of MOFs using little or no solvent. Chemical Science, 2015, 6, 1645-1649. | 3.7 | 347 |
| 25 | Antimicrobial and antibiofilm activities of 1-alkylquinolinium bromide ionic liquids. Green Chemistry, 2010, 12, 420. | 4.6 | 154 |