# Benjamin CÂ m Martindale

List of Publications by Year
in descending order



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|---|---|---|---|
| 17 papers | 2,233 citations | 623734 14 h-index | 888059 17 g-index |
| 17 all docs | 17 docs citations | 17 times ranked | 3548 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Optofluidic Photonic Crystal Fiber Microreactors for In Situ Studies of Carbon Nanodot-Driven Photoreduction. Analytical Chemistry, 2021, 93, 895-901. | 6.5 | 13 |
| 2 | Long-Lived Triplet Excited State in a Heterogeneous Modified Carbon Nitride Photocatalyst. Journal of the American Chemical Society, 2021, 143, 4646-4652. | 13.7 | 48 |
| 3 | Solar-driven tandem photoredox nickel-catalysed cross-coupling using modified carbon nitride. Chemical Science, 2020, 11, 7456-7461. | 7.4 | 47 |
| 4 | Enhancing Light Absorption and Charge Transfer Efficiency in Carbon Dots through Graphitization and Core Nitrogen Doping. Angewandte Chemie, 2017, 129, 6559-6563. | 2.0 | 51 |
| 5 | Enhancing Light Absorption and Charge Transfer Efficiency in Carbon Dots through Graphitization and Core Nitrogen Doping. Angewandte Chemie - International Edition, 2017, 56, 6459-6463. | 13.8 | 201 |
| 6 | Carbon dots as photosensitisers for solar-driven catalysis. Chemical Society Reviews, 2017, 46, 6111-6123. | 38.1 | 436 |
| 7 | Carbon Dots as Versatile Photosensitizers for Solar-Driven Catalysis with Redox Enzymes. Journal of the American Chemical Society, 2016, 138, 16722-16730. | 13.7 | 189 |
| 8 | Biâ€Functional Ironâ€Only Electrodes for Efficient Water Splitting with Enhanced Stability through In Situ Electrochemical Regeneration. Advanced Energy Materials, 2016, 6, 1502095. | 19.5 | 136 |
| 9 | Clean Donor Oxidation Enhances the H 2 Evolution Activity of a Carbon Quantum Dotâ€“Molecular Catalyst Photosystem. Angewandte Chemie, 2016, 128, 9548-9552. | 2.0 | 18 |
| 10 | Clean Donor Oxidation Enhances the H<sub>2</sub> Evolution Activity of a Carbon Quantum Dotâ€“Molecular Catalyst Photosystem. Angewandte Chemie - International Edition, 2016, 55, 9402-9406. | 13.8 | 93 |
| 11 | Solar-Driven Reduction of Aqueous Protons Coupled to Selective Alcohol Oxidation with a Carbon Nitrideâ€“Molecular Ni Catalyst System. Journal of the American Chemical Society, 2016, 138, 9183-9192. | 13.7 | 285 |
| 12 | Ligand removal from CdS quantum dots for enhanced photocatalytic H<sub>2</sub> generation in pH neutral water. Journal of Materials Chemistry A, 2016, 4, 2856-2862. | 10.3 | 103 |
| 13 | Solar Hydrogen Production Using Carbon Quantum Dots and a Molecular Nickel Catalyst. Journal of the American Chemical Society, 2015, 137, 6018-6025. | 13.7 | 519 |
| 14 | Room temperature ionic liquid as solvent for in situ Pd/H formation: hydrogenation of carbonâ€“carbon double bonds. Physical Chemistry Chemical Physics, 2013, 15, 1188-1197. | 2.8 | 11 |
| 15 | Formic acid electro-synthesis from carbon dioxide in a room temperature ionic liquid. Chemical Communications, 2012, 48, 6487. | 4.1 | 50 |
| 16 | Towards the electrochemical quantification of the strength of garlic. Analyst, The, 2011, 136, 128-133. | 3.5 | 10 |
| 17 | A comparison of the cyclic voltammetry of the Sn/Sn(ii) couple in the room temperature ionic liquids N-butyl-N-methylpyrrolidinium dicyanamide and N-butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide: solvent induced changes of electrode reaction mechanism. Physical Chemistry Chemical Physics, 2010, 12, 1827-1833. | 2.8 | 23 |