

Benjamin C m Martindale

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

1,688
citations

13
h-index

17
g-index

17
ext. papers

1,966
ext. citations

13.5
avg, IF

5.26
L-index

#	Paper	IF	Citations
17	Solar hydrogen production using carbon quantum dots and a molecular nickel catalyst. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6018-25	16.4	417
16	Carbon dots as photosensitisers for solar-driven catalysis. <i>Chemical Society Reviews</i> , 2017 , 46, 6111-6123	58.5	316
15	Solar-Driven Reduction of Aqueous Protons Coupled to Selective Alcohol Oxidation with a Carbon Nitride-Molecular Ni Catalyst System. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9183-92	16.4	210
14	Enhancing Light Absorption and Charge Transfer Efficiency in Carbon Dots through Graphitization and Core Nitrogen Doping. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6459-6463	16.4	156
13	Carbon Dots as Versatile Photosensitizers for Solar-Driven Catalysis with Redox Enzymes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16722-16730	16.4	144
12	Bi-Functional Iron-Only Electrodes for Efficient Water Splitting with Enhanced Stability through In Situ Electrochemical Regeneration. <i>Advanced Energy Materials</i> , 2016 , 6, 1502095	21.8	108
11	Ligand removal from CdS quantum dots for enhanced photocatalytic H ₂ generation in pH neutral water. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2856-2862	13	84
10	Clean Donor Oxidation Enhances the H ₂ Evolution Activity of a Carbon Quantum Dot-Molecular Catalyst Photosystem. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9402-6	16.4	78
9	Formic acid electro-synthesis from carbon dioxide in a room temperature ionic liquid. <i>Chemical Communications</i> , 2012 , 48, 6487-9	5.8	48
8	Enhancing Light Absorption and Charge Transfer Efficiency in Carbon Dots through Graphitization and Core Nitrogen Doping. <i>Angewandte Chemie</i> , 2017 , 129, 6559-6563	3.6	34
7	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. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1827-33	3.6	22
6	Solar-driven tandem photoredox nickel-catalysed cross-coupling using modified carbon nitride. <i>Chemical Science</i> , 2020 , 11, 7456-7461	9.4	20
5	Clean Donor Oxidation Enhances the H ₂ Evolution Activity of a Carbon Quantum Dot-Molecular Catalyst Photosystem. <i>Angewandte Chemie</i> , 2016 , 128, 9548-9552	3.6	16
4	Long-Lived Triplet Excited State in a Heterogeneous Modified Carbon Nitride Photocatalyst. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4646-4652	16.4	12
3	Room temperature ionic liquid as solvent for in situ Pd/H formation: hydrogenation of carbon-carbon double bonds. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 1188-97	3.6	10
2	Towards the electrochemical quantification of the strength of garlic. <i>Analyst, The</i> , 2011 , 136, 128-33	5	10
1	Optofluidic Photonic Crystal Fiber Microreactors for In Situ Studies of Carbon Nanodot-Driven Photoreduction. <i>Analytical Chemistry</i> , 2021 , 93, 895-901	7.8	3

