

# Benjamin CÂ m Martindale

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5801743/publications.pdf>

Version: 2024-02-01

17  
papers

2,233  
citations

623188

14  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

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times ranked

3548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optofluidic Photonic Crystal Fiber Microreactors for In Situ Studies of Carbon Nanodot-Driven Photoreduction. <i>Analytical Chemistry</i> , 2021, 93, 895-901.	3.2	13
2	Long-Lived Triplet Excited State in a Heterogeneous Modified Carbon Nitride Photocatalyst. <i>Journal of the American Chemical Society</i> , 2021, 143, 4646-4652.	6.6	48
3	Solar-driven tandem photoredox nickel-catalysed cross-coupling using modified carbon nitride. <i>Chemical Science</i> , 2020, 11, 7456-7461.	3.7	47
4	Enhancing Light Absorption and Charge Transfer Efficiency in Carbon Dots through Graphitization and Core Nitrogen Doping. <i>Angewandte Chemie</i> , 2017, 129, 6559-6563.	1.6	51
5	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.	7.2	201
6	Carbon dots as photosensitisers for solar-driven catalysis. <i>Chemical Society Reviews</i> , 2017, 46, 6111-6123.	18.7	436
7	Carbon Dots as Versatile Photosensitizers for Solar-Driven Catalysis with Redox Enzymes. <i>Journal of the American Chemical Society</i> , 2016, 138, 16722-16730.	6.6	189
8	Bifunctional Iron-Only Electrodes for Efficient Water Splitting with Enhanced Stability through In Situ Electrochemical Regeneration. <i>Advanced Energy Materials</i> , 2016, 6, 1502095.	10.2	136
9	Clean Donor Oxidation Enhances the H <sub>2</sub> Evolution Activity of a Carbon Quantum Dot-Molecular Catalyst Photosystem. <i>Angewandte Chemie</i> , 2016, 128, 9548-9552.	1.6	18
10	Clean Donor Oxidation Enhances the H <sub>2</sub> Evolution Activity of a Carbon Quantum Dot-Molecular Catalyst Photosystem. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9402-9406.	7.2	93
11	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, 9183-9192.	6.6	285
12	Ligand removal from CdS quantum dots for enhanced photocatalytic H <sub>2</sub> generation in pH neutral water. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2856-2862.	5.2	103
13	Solar Hydrogen Production Using Carbon Quantum Dots and a Molecular Nickel Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 6018-6025.	6.6	519
14	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, 1188-1197.	1.3	11
15	Formic acid electro-synthesis from carbon dioxide in a room temperature ionic liquid. <i>Chemical Communications</i> , 2012, 48, 6487.	2.2	50
16	Towards the electrochemical quantification of the strength of garlic. <i>Analyst</i> , 2011, 136, 128-133.	1.7	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. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 1827-1833.	1.3	23