

# James Iocozzia

## 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.

28  
papers

2,161  
citations

14  
h-index

30  
g-index

30  
ext. papers

2,594  
ext. citations

13.5  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
28	Noble metal-metal oxide nano hybrids with tailored nanostructures for efficient solar energy conversion, photocatalysis and environmental remediation. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 402-434	35.4	638
27	Graphene aerogels for efficient energy storage and conversion. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 772-799	35.4	272
26	A highly stable non-noble metal Ni <sub>2</sub> P co-catalyst for increased H <sub>2</sub> generation by g-C <sub>3</sub> N <sub>4</sub> under visible light irradiation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8493-8498	13	162
25	Graphene-Containing Nanomaterials for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 15004-15008	10.8	153
24	Barium titanate at the nanoscale: controlled synthesis and dielectric and ferroelectric properties. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 1194-1228	58.5	132
23	Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1985-1989	16.4	130
22	Germanium-Based Nanomaterials for Rechargeable Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7898-922	16.4	122
21	Scrutinizing Defects and Defect Density of Selenium-Doped Graphene for High-Efficiency Triiodide Reduction in Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4682-4686	16.4	101
20	From Precision Synthesis of Block Copolymers to Properties and Applications of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2046-2070	16.4	99
19	Immobilization of Pt Nanoparticles via Rapid and Reusable Electropolymerization of Dopamine on TiO <sub>2</sub> Nanotube Arrays for Reversible SERS Substrates and Nonenzymatic Glucose Sensors. <i>Small</i> , <b>2017</b> , 13, 1604240	11	91
18	Hybrid Organic-Inorganic Thermoelectric Materials and Devices. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15206-15226	16.4	87
17	Sandwich-like CNTs/Si/C nanotubes as high performance anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 14797-14804	13	70
16	Scrutinizing Defects and Defect Density of Selenium-Doped Graphene for High-Efficiency Triiodide Reduction in Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 4772-4776	3.6	20
15	A general and rapid approach to crystalline metal sulfide nanoparticle synthesis for photocatalytic H <sub>2</sub> generation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21669-21673	13	16
14	Hierarchical bicomponent TiO <sub>2</sub> hollow spheres as a new high-capacity anode material for lithium-ion batteries. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 8499-8509	4.3	10
13	Von der Präzisionssynthese von Blockcopolymeren zu Eigenschaften und Anwendungen von funktionellen Nanopartikeln. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2066-2093	3.6	10
12	Solution-Stable Colloidal Gold Nanoparticles via Surfactant-Free, Hyperbranched Polyglycerol-b-polystyrene Unimolecular Templates. <i>Langmuir</i> , <b>2016</b> , 32, 7180-8	4	8

11	Hybride organisch-anorganische thermoelektrische Materialien und Baueinheiten. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15348-15370	3.6	7
10	Needle-Leaf-Like Cu <sub>2</sub> Mo <sub>6</sub> S <sub>8</sub> Films for Highly Efficient Visible-Light Photocatalysis. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1700302	3.1	6
9	Germaniumbasierte Nanomaterialien für wiederaufladbare Batterien. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8028-8054	3.6	5
8	Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. <i>Angewandte Chemie</i> , <b>2018</b> , 131, 2007	3.6	5
7	Star-like polymer click-functionalized with small capping molecules: an initial investigation into properties and improving solubility in liquid crystals. <i>RSC Advances</i> , <b>2014</b> , 4, 50212-50219	3.7	3
6	Photocatalytic Hydrogen Generation Enabled by Nanostructured TiO <sub>2</sub> Materials <b>2017</b> , 545-577		2
5	Plasmonic Photocatalysis: Plasmon-Mediated Solar Energy Conversion via Photocatalysis in Noble Metal/Semiconductor Composites (Adv. Sci. 6/2016). <i>Advanced Science</i> , <b>2016</b> , 3,	13.6	2
4	Lithium-Ion Batteries: Graphene-Containing Nanomaterials for Lithium-Ion Batteries (Adv. Energy Mater. 21/2015). <i>Advanced Energy Materials</i> , <b>2015</b> , 5,	21.8	1
3	Crafting Multidimensional Nanocomposites: Functional Materials for Application in Energy Conversion, Energy Storage, and Optoelectronics. <i>ACS Symposium Series</i> , <b>2016</b> , 53-76	0.4	1
2	Polycomponent Electrocatalysts for I-Mediated Dye-Sensitized Solar Cells <b>2018</b> , 323-348		1
1	Rechtelbild: Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation (Angew. Chem. 7/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2178-2178	3.6	0