

James Iocozzia

List of Publications by Year in Descending Order

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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	Barium titanate at the nanoscale: controlled synthesis and dielectric and ferroelectric properties. <i>Chemical Society Reviews</i> , 2019 , 48, 1194-1228	58.5	132
27	Röntgenbild: Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation (Angew. Chem. 7/2019). <i>Angewandte Chemie</i> , 2019 , 131, 2178-2183	3.6	178
26	Hybrid Organic-Inorganic Thermoelectric Materials and Devices. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15206-15226	16.4	87
25	Hybride organisch-anorganische thermoelektrische Materialien und Baueinheiten. <i>Angewandte Chemie</i> , 2019 , 131, 15348-15370	3.6	7
24	Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1985-1989	16.4	130
23	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> , 2018 , 57, 4682-4686	16.4	101
22	Scrutinizing Defects and Defect Density of Selenium-Doped Graphene for High-Efficiency Triiodide Reduction in Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , 2018 , 130, 4772-4776	3.6	20
21	Graphene aerogels for efficient energy storage and conversion. <i>Energy and Environmental Science</i> , 2018 , 11, 772-799	35.4	272
20	Hierarchical bicomponent TiO ₂ hollow spheres as a new high-capacity anode material for lithium-ion batteries. <i>Journal of Materials Science</i> , 2018 , 53, 8499-8509	4.3	10
19	Needle-Leaf-Like Cu ₂ Mo ₆ S ₈ Films for Highly Efficient Visible-Light Photocatalysis. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700302	3.1	6
18	Von der Präzisionssynthese von Blockcopolymeren zu Eigenschaften und Anwendungen von funktionellen Nanopartikeln. <i>Angewandte Chemie</i> , 2018 , 130, 2066-2093	3.6	10
17	From Precision Synthesis of Block Copolymers to Properties and Applications of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2046-2070	16.4	99
16	Achieving Efficient Incorporation of Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. <i>Angewandte Chemie</i> , 2018 , 131, 2007	3.6	5
15	Polycomponent Electrocatalysts for I-Mediated Dye-Sensitized Solar Cells 2018 , 323-348		1
14	Sandwich-like CNTs/Si/C nanotubes as high performance anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14797-14804	13	70
13	Immobilization of Pt Nanoparticles via Rapid and Reusable Electropolymerization of Dopamine on TiO Nanotube Arrays for Reversible SERS Substrates and Nonenzymatic Glucose Sensors. <i>Small</i> , 2017 , 13, 1604240	11	91
12	Photocatalytic Hydrogen Generation Enabled by Nanostructured TiO ₂ Materials 2017 , 545-577		2

11	A highly stable non-noble metal Ni ₂ P co-catalyst for increased H ₂ generation by g-C ₃ N ₄ under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8493-8498	13	162
10	A general and rapid approach to crystalline metal sulfide nanoparticle synthesis for photocatalytic H ₂ generation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21669-21673	13	16
9	Noble metal/metal oxide nanohybrids with tailored nanostructures for efficient solar energy conversion, photocatalysis and environmental remediation. <i>Energy and Environmental Science</i> , 2017 , 10, 402-434	35.4	638
8	Solution-Stable Colloidal Gold Nanoparticles via Surfactant-Free, Hyperbranched Polyglycerol-b-polystyrene Unimolecular Templates. <i>Langmuir</i> , 2016 , 32, 7180-8	4	8
7	Germaniumbasierte Nanomaterialien für wiederaufladbare Batterien. <i>Angewandte Chemie</i> , 2016 , 128, 8028-8054	3.6	5
6	Germanium-Based Nanomaterials for Rechargeable Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7898-922	16.4	122
5	Crafting Multidimensional Nanocomposites: Functional Materials for Application in Energy Conversion, Energy Storage, and Optoelectronics. <i>ACS Symposium Series</i> , 2016 , 53-76	0.4	1
4	Plasmonic Photocatalysis: Plasmon-Mediated Solar Energy Conversion via Photocatalysis in Noble Metal/Semiconductor Composites (Adv. Sci. 6/2016). <i>Advanced Science</i> , 2016 , 3,	13.6	2
3	Lithium-Ion Batteries: Graphene-Containing Nanomaterials for Lithium-Ion Batteries (Adv. Energy Mater. 21/2015). <i>Advanced Energy Materials</i> , 2015 , 5,	21.8	1
2	Graphene-Containing Nanomaterials for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2015 , 5, 1500408	10.8	153
1	Star-like polymer click-functionalized with small capping molecules: an initial investigation into properties and improving solubility in liquid crystals. <i>RSC Advances</i> , 2014 , 4, 50212-50219	3.7	3