

James Iocozzia

List of Publications by Year in descending order

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26
papers

3,073
citations

567247

15
h-index

501174

28
g-index

30
all docs

30
docs citations

30
times ranked

5851
citing authors

#	ARTICLE	IF	CITATIONS
1	Noble metalâ€metal oxide nano hybrids with tailored nanostructures for efficient solar energy conversion, photocatalysis and environmental remediation. Energy and Environmental Science, 2017, 10, 402-434.	30.8	820
2	Graphene aerogels for efficient energy storage and conversion. Energy and Environmental Science, 2018, 11, 772-799.	30.8	435
3	Barium titanate at the nanoscale: controlled synthesis and dielectric and ferroelectric properties. Chemical Society Reviews, 2019, 48, 1194-1228.	38.1	250
4	Achieving Efficient Incorporation of Ĩâ€Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. Angewandte Chemie - International Edition, 2019, 58, 1985-1989.	13.8	199
5	A highly stable non-noble metal Ni₂P co-catalyst for increased H₂ generation by g-C₃N₄ under visible light irradiation. Journal of Materials Chemistry A, 2017, 5, 8493-8498.	10.3	190
6	Grapheneâ€Containing Nanomaterials for Lithiumâ€Ion Batteries. Advanced Energy Materials, 2015, 5, 1500400.	19.5	184
7	Germaniumâ€Based Nanomaterials for Rechargeable Batteries. Angewandte Chemie - International Edition, 2016, 55, 7898-7922.	13.8	162
8	Scrutinizing Defects and Defect Density of Seleniumâ€Doped Graphene for Highâ€Efficiency Triiodide Reduction in Dyeâ€Sensitized Solar Cells. Angewandte Chemie - International Edition, 2018, 57, 4682-4686.	13.8	155
9	From Precision Synthesis of Block Copolymers to Properties and Applications of Nanoparticles. Angewandte Chemie - International Edition, 2018, 57, 2046-2070.	13.8	138
10	Hybrid Organicâ€Inorganic Thermoelectric Materials and Devices. Angewandte Chemie - International Edition, 2019, 58, 15206-15226.	13.8	138
11	Immobilization of Pt Nanoparticles via Rapid and Reusable Electropolymerization of Dopamine on TiO₂ Nanotube Arrays for Reversible SERS Substrates and Nonenzymatic Glucose Sensors. Small, 2017, 13, 1604240.	10.0	125
12	Sandwich-like CNTs/Si/C nanotubes as high performance anode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 14797-14804.	10.3	103
13	Achieving Efficient Incorporation of Ĩâ€Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation. Angewandte Chemie, 2019, 131, 2007-2011.	2.0	51
14	Scrutinizing Defects and Defect Density of Seleniumâ€Doped Graphene for Highâ€Efficiency Triiodide Reduction in Dyeâ€Sensitized Solar Cells. Angewandte Chemie, 2018, 130, 4772-4776.	2.0	28
15	A general and rapid approach to crystalline metal sulfide nanoparticle synthesis for photocatalytic H₂ generation. Journal of Materials Chemistry A, 2017, 5, 21669-21673.	10.3	17
16	Von der PrÃazisionssynthese von Blockcopolymeren zu Eigenschaften und Anwendungen von funktionellen Nanopartikeln. Angewandte Chemie, 2018, 130, 2066-2093.	2.0	14
17	Hierarchical bicomponent TiO2 hollow spheres as a new high-capacity anode material for lithium-ion batteries. Journal of Materials Science, 2018, 53, 8499-8509.	3.7	11
18	Solution-Stable Colloidal Gold Nanoparticles via Surfactant-Free, Hyperbranched Polyglycerol-<i>b</i>-polystyrene Unimolecular Templates. Langmuir, 2016, 32, 7180-7188.	3.5	9

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19	Hybride organisch-änonorganische thermoelektrische Materialien und Baueinheiten. <i>Angewandte Chemie</i> , 2019, 131, 15348-15370.	2.0	9
20	Needle-äLeaf-äLike Cu ₂ Mo ₆ S ₈ Films for Highly Efficient Visible-äLight Photocatalysis. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700302.	2.3	6
21	Germaniumbasierte Nanomaterialien für wiederaufladbare Batterien. <i>Angewandte Chemie</i> , 2016, 128, 8028-8054.	2.0	5
22	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.	3.6	3
23	Plasmonic Photocatalysis: Plasmon-äMediated Solar Energy Conversion via Photocatalysis in Noble Metal/Semiconductor Composites (<i>Adv. Sci.</i> 6/2016). <i>Advanced Science</i> , 2016, 3, .	11.2	2
24	Äcktitelbild: Achieving Efficient Incorporation of ä-Electrons into Graphitic Carbon Nitride for Markedly Improved Hydrogen Generation (<i>Angew. Chem.</i> 7/2019). <i>Angewandte Chemie</i> , 2019, 131, 2178-2178.	2.0	2
25	Lithium-äIon Batteries: Graphene-äContaining Nanomaterials for Lithium-äIon Batteries (<i>Adv. Energy Mater.</i>) Tj ETQc1 1 0.784314 rB	19.5	1
26	Crafting Multidimensional Nanocomposites: Functional Materials for Application in Energy Conversion, Energy Storage, and Optoelectronics. <i>ACS Symposium Series</i> , 2016, , 53-76.	0.5	1