

Noktan Mohammed AlYami

List of Publications by Year in descending order

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12
papers

2,307
citations

758635

12
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

3956
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Perovskite Quantum Dot Light-Emitting Diodes by Surface Engineering. <i>Advanced Materials</i> , 2016, 28, 8718-8725.	11.1	917
2	Air-Stable Surface-Passivated Perovskite Quantum Dots for Ultra-Robust, Single- and Two-Photon-Induced Amplified Spontaneous Emission. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 5027-5033.	2.1	466
3	Engineering Interfacial Charge Transfer in CsPbBr ₃ Perovskite Nanocrystals by Heterovalent Doping. <i>Journal of the American Chemical Society</i> , 2017, 139, 731-737.	6.6	406
4	Perovskite Nanocrystals as a Color Converter for Visible Light Communication. <i>ACS Photonics</i> , 2016, 3, 1150-1156.	3.2	221
5	Pyridine-Induced Dimensionality Change in Hybrid Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 4393-4400.	3.2	100
6	Tailoring ruthenium exposure to enhance the performance of fcc platinum@ruthenium core-shell electrocatalysts in the oxygen evolution reaction. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16169-16178.	1.3	47
7	Shape-Tunable Charge Carrier Dynamics at the Interfaces between Perovskite Nanocrystals and Molecular Acceptors. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3913-3919.	2.1	43
8	Effect of Precursor Ligands and Oxidation State in the Synthesis of Bimetallic Nano-Alloys. <i>Chemistry of Materials</i> , 2015, 27, 4134-4141.	3.2	38
9	Trapping shape-controlled nanoparticle nucleation and growth stages via continuous-flow chemistry. <i>Chemical Communications</i> , 2017, 53, 2495-2498.	2.2	19
10	Synthesis and Characterization of Branched fcc/hcp Ruthenium Nanostructures and Their Catalytic Activity in Ammonia Borane Hydrolysis. <i>Crystal Growth and Design</i> , 2018, 18, 1509-1516.	1.4	19
11	Unprecedented Sour Mixed-Gas Permeation Properties of Fluorinated Polyazole-Based Membranes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2199-2210.	2.0	17
12	From porous gold nanocups to porous nanospheres and solid particles – A new synthetic approach. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 59-66.	5.0	14