

Sarah A Lindley

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,590
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

2991
citing authors

#	ARTICLE	IF	CITATIONS
1	Hematite heterostructures for photoelectrochemical water splitting: rational materials design and charge carrier dynamics. <i>Energy and Environmental Science</i> , 2016, 9, 2744-2775.	30.8	450
2	Organolead Halide Perovskite Nanocrystals: Branched Capping Ligands Control Crystal Size and Stability. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8864-8868.	13.8	282
3	Improving Charge Carrier Delocalization in Perovskite Quantum Dots by Surface Passivation with Conductive Aromatic Ligands. <i>ACS Energy Letters</i> , 2018, 3, 2931-2939.	17.4	116
4	Physical and photoelectrochemical properties of Zr-doped hematite nanorod arrays. <i>Nanoscale</i> , 2013, 5, 9867.	5.6	106
5	Synthesis, Optical Properties, and Exciton Dynamics of Organolead Bromide Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26672-26682.	3.1	96
6	Physical and photoelectrochemical characterization of Ti-doped hematite photoanodes prepared by solution growth. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14498.	10.3	83
7	Yolk-shell nanostructures as an emerging photocatalyst paradigm for solar hydrogen generation. <i>Nano Energy</i> , 2019, 62, 289-298.	16.0	83
8	Organolead Halide Perovskite Nanocrystals: Branched Capping Ligands Control Crystal Size and Stability. <i>Angewandte Chemie</i> , 2016, 128, 9010-9014.	2.0	51
9	Tunable Photoluminescent Core/Shell Cu ³⁺ -Doped ZnSe/ZnS Quantum Dots Codoped with Al ³⁺ , Ga ³⁺ , or In ³⁺ . <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10055-10066.	8.0	49
10	Beneficial CuO Phase Segregation in the Ternary p-Type Oxide Photocathode CuBi ₂ O ₄ . <i>ACS Applied Energy Materials</i> , 2019, 2, 4111-4117.	5.1	48
11	Synergistic Surface Passivation of CH ₃ NH ₃ PbBr ₃ Perovskite Quantum Dots with Phosphonic Acid and (3-aminopropyl)triethoxysilane. <i>Chemistry - A European Journal</i> , 2019, 25, 5014-5021.	3.3	43
12	Bumpy Hollow Gold Nanospheres for Theranostic Applications: Effect of Surface Morphology on Photothermal Conversion Efficiency. <i>ACS Applied Nano Materials</i> , 2019, 2, 1072-1081.	5.0	34
13	Size Dependence of Charge Carrier Dynamics in Organometal Halide Perovskite Nanocrystals: Deciphering Radiative Versus Nonradiative Components. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4610-4619.	3.1	29
14	Fermi Level Engineering of Passivation and Electron Transport Materials for p-Type CuBi ₂ O ₄ Employing a High-Throughput Methodology. <i>Advanced Functional Materials</i> , 2020, 30, 2000948.	14.9	28
15	Hollow Au Nanosphere-Cu ₂ O Core-Shell Nanostructures with Controllable Core Surface Morphology. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11333-11339.	3.1	21
16	Highly Tunable Hollow Gold Nanospheres: Gaining Size Control and Uniform Galvanic Exchange of Sacrificial Cobalt Boride Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12992-13001.	8.0	17
17	Two-Photon Photoluminescence and Photothermal Properties of Hollow Gold Nanospheres for Efficient Theranostic Applications. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13304-13313.	3.1	14
18	Size-Tunable Synthesis of Hollow Gold Nanospheres through Control of Reaction Temperature. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600255.	2.3	12

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19	Towards understanding the unusual photoluminescence intensity variation of ultras-small colloidal PbS quantum dots with the formation of a thin CdS shell. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31828-31835.	2.8	11
20	Spatiotemporal Temperature and Pressure in Thermoplasmonic Gold Nanosphereâ€“Water Systems. <i>ACS Nano</i> , 2021, 15, 6276-6288.	14.6	11
21	Hollow Gold Nanosphere Templated Synthesis of PEGylated Hollow Gold Nanostars and Use for SERS Detection of Amyloid Beta in Solution. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12344-12352.	2.6	6