

Solrun Gudjonsdottir

List of Publications by Year in descending order

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11
papers

274
citations

1163117

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1372567

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11
all docs

11
docs citations

11
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Switching between Plasmonic and Fluorescent Copper Sulfide Nanocrystals. Journal of the American Chemical Society, 2017, 139, 13208-13217.	13.7	88
2	Tuning and Probing the Distribution of Cu ⁺ and Cu ²⁺ Trap States Responsible for Broad-Band Photoluminescence in CuInS ₂ Nanocrystals. ACS Nano, 2018, 12, 11244-11253.	14.6	56
3	Electrochemical Modulation of the Photophysics of Surface-Localized Trap States in Core/Shell/(Shell) Quantum Dot Films. Chemistry of Materials, 2019, 31, 8484-8493.	6.7	35
4	The Role of Dopant Ions on Charge Injection and Transport in Electrochemically Doped Quantum Dot Films. Journal of the American Chemical Society, 2018, 140, 6582-6590.	13.7	28
5	Quantitative Electrochemical Control over Optical Gain in Quantum-Dot Solids. ACS Nano, 2021, 15, 377-386.	14.6	22
6	On the Stability of Permanent Electrochemical Doping of Quantum Dot, Fullerene, and Conductive Polymer Films in Frozen Electrolytes for Use in Semiconductor Devices. ACS Applied Nano Materials, 2019, 2, 4900-4909.	5.0	19
7	Enhancing the stability of the electron density in electrochemically doped ZnO quantum dots. Journal of Chemical Physics, 2019, 151, 144708.	3.0	8
8	Engineering the Band Alignment in QD Heterojunction Films via Ligand Exchange. Journal of Physical Chemistry C, 2019, 123, 29599-29608.	3.1	8
9	Permanent Electrochemical Doping of Quantum Dots and Semiconductor Polymers. Advanced Functional Materials, 2020, 30, 2004789.	14.9	7
10	Quantitative electrochemical control over optical gain in colloidal quantum-dot and quantum-well solids. , 2020, , .		2
11	Permanent Electrochemical Doping of Quantum Dot Films through Photopolymerization of Electrolyte Ions. Chemistry of Materials, 2022, 34, 4019-4028.	6.7	1