Solrun Gudjonsdottir

List of Publications by Year
in descending order

11 papers	274 citations	1163117 8 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	430 citing authors

#	Article	IF	Citations
1	Permanent Electrochemical Doping of Quantum Dot Films through Photopolymerization of Electrolyte Ions. Chemistry of Materials, 2022, 34, 4019-4028.	6.7	1
2	Quantitative Electrochemical Control over Optical Gain in Quantum-Dot Solids. ACS Nano, 2021, 15, 377-386.	14.6	22
3	Permanent Electrochemical Doping of Quantum Dots and Semiconductor Polymers. Advanced Functional Materials, 2020, 30, 2004789.	14.9	7
4	Quantitative electrochemical control over optical gain in colloidal quantum-dot and quantum-well solids. , 2020, , .		2
5	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
6	Enhancing the stability of the electron density in electrochemically doped ZnO quantum dots. Journal of Chemical Physics, 2019, 151, 144708.	3.0	8
7	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
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	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
10	Tuning and Probing the Distribution of Cu⁺ and Cu²⁺ Trap States Responsible for Broad-Band Photoluminescence in CuInS₂ Nanocrystals. ACS Nano, 2018, 12, 11244-11253.	14.6	56
11	Switching between Plasmonic and Fluorescent Copper Sulfide Nanocrystals. Journal of the American Chemical Society, 2017, 139, 13208-13217.	13.7	88