

Joseph K Swabeck

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

2,299
citations

840119

11
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

4004
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Investigation of Increased Luminescence in Indium Phosphide Quantum Dots by Treatment with Metal Halide Salts. <i>Journal of the American Chemical Society</i> , 2020, 142, 18897-18906.	6.6	66
2	Probing the Stability and Band Gaps of Cs ₂ AgInCl ₆ and Cs ₂ AgSbCl ₆ Lead-Free Double Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2019, 31, 3134-3143.	3.2	144
3	Redefining near-unity luminescence in quantum dots with photothermal threshold quantum yield. <i>Science</i> , 2019, 363, 1199-1202.	6.0	190
4	The Making and Breaking of Lead-Free Double Perovskite Nanocrystals of Cesium Silver-Bismuth Halide Compositions. <i>Nano Letters</i> , 2018, 18, 3502-3508.	4.5	265
5	Broadband Sensitization of Lanthanide Emission with Indium Phosphide Quantum Dots for Visible to Near-Infrared Downshifting. <i>Journal of the American Chemical Society</i> , 2018, 140, 9120-9126.	6.6	45
6	Characterizing Photon Reabsorption in Quantum Dot-Polymer Composites for Use as Displacement Sensors. <i>ACS Nano</i> , 2017, 11, 2075-2084.	7.3	32
7	Essentially Trap-Free CsPbBr ₃ Colloidal Nanocrystals by Postsynthetic Thiocyanate Surface Treatment. <i>Journal of the American Chemical Society</i> , 2017, 139, 6566-6569.	6.6	711
8	Ligand Mediated Transformation of Cesium Lead Bromide Perovskite Nanocrystals to Lead Depleted Cs ₄ PbBr ₆ Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 5309-5312.	6.6	389
9	Controlled Isotropic and Anisotropic Shell Growth in ¹²⁵ NaLnF ₄ Nanocrystals Induced by Precursor Injection Rate. <i>Journal of the American Chemical Society</i> , 2017, 139, 12325-12332.	6.6	80
10	Precise Tuning of Surface Quenching for Luminescence Enhancement in Core-Shell Lanthanide-Doped Nanocrystals. <i>Nano Letters</i> , 2016, 16, 7241-7247.	4.5	279