

Samuel W Eaton

List of Publications by Year in descending order

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17
papers

5,686
citations

516710

16
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

8449
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically thin two-dimensional organic-inorganic hybrid perovskites. <i>Science</i> , 2015, 349, 1518-1521.	12.6	1,159
2	Highly Luminescent Colloidal Nanoplates of Perovskite Cesium Lead Halide and Their Oriented Assemblies. <i>Journal of the American Chemical Society</i> , 2015, 137, 16008-16011.	13.7	1,004
3	Solution-Phase Synthesis of Cesium Lead Halide Perovskite Nanowires. <i>Journal of the American Chemical Society</i> , 2015, 137, 9230-9233.	13.7	861
4	Lasing in robust cesium lead halide perovskite nanowires. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1993-1998.	7.1	668
5	Synthesis of Composition Tunable and Highly Luminescent Cesium Lead Halide Nanowires through Anion-Exchange Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 7236-7239.	13.7	397
6	Semiconductor nanowire lasers. <i>Nature Reviews Materials</i> , 2016, 1, .	48.7	332
7	Singlet Exciton Fission in Polycrystalline Thin Films of a Slip-Stacked Perylenediimide. <i>Journal of the American Chemical Society</i> , 2013, 135, 14701-14712.	13.7	313
8	Spatially resolved multicolor CsPbX ₃ nanowire heterojunctions via anion exchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7216-7221.	7.1	178
9	Excimer formation in cofacial and slip-stacked perylene-3,4:9,10-bis(dicarboximide) dimers on a redox-inactive triptycene scaffold. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23735-23742.	2.8	164
10	Solution-Processed Copper/Reduced-Graphene-Oxide Core/Shell Nanowire Transparent Conductors. <i>ACS Nano</i> , 2016, 10, 2600-2606.	14.6	155
11	Structural, optical, and electrical properties of phase-controlled cesium lead iodide nanowires. <i>Nano Research</i> , 2017, 10, 1107-1114.	10.4	128
12	Singlet Exciton Fission in Thin Films of <i>tert</i> -Butyl-Substituted Terrylenes. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4151-4161.	2.5	85
13	Photoinitiated multi-step charge separation and ultrafast charge transfer induced dissociation in a pyridyl-linked photosensitizer-cobaloxime assembly. <i>Energy and Environmental Science</i> , 2013, 6, 1917.	30.8	81
14	Growth and Photoelectrochemical Energy Conversion of Wurtzite Indium Phosphide Nanowire Arrays. <i>ACS Nano</i> , 2016, 10, 5525-5535.	14.6	70
15	Long-lived charge carrier generation in ordered films of a covalent perylenediimide-diketopyrrolopyrrole-perylenediimide molecule. <i>Chemical Science</i> , 2015, 6, 402-411.	7.4	64
16	Photoinduced Electron Transfer in 2,5,8,11-Tetrakis-Donor-Substituted Perylene-3,4:9,10-bis(dicarboximides). <i>Journal of Physical Chemistry B</i> , 2015, 119, 7635-7643.	2.6	25
17	Photoinitiated long-lived charge separation with near-unity quantum yield in donor-acceptor1-acceptor2 systems for artificial photosynthesis. <i>Tetrahedron</i> , 2017, 73, 4925-4935.	1.9	2