

Andrew B Wong

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

5,325
citations

394421

19
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

9352
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	Self-photosensitization of nonphotosynthetic bacteria for solar-to-chemical production. <i>Science</i> , 2016, 351, 74-77.	12.6	770
3	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
4	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
5	Growth and Anion Exchange Conversion of $\text{CH}_3\text{NH}_3\text{PbX}_3$ Nanorod Arrays for Light-Emitting Diodes. <i>Nano Letters</i> , 2015, 15, 5519-5524.	9.1	342
6	Semiconductor nanowire lasers. <i>Nature Reviews Materials</i> , 2016, 1, .	48.7	332
7	Ultralow thermal conductivity in all-inorganic halide perovskites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8693-8697.	7.1	246
8	Ultrathin Colloidal Cesium Lead Halide Perovskite Nanowires. <i>Journal of the American Chemical Society</i> , 2016, 138, 13155-13158.	13.7	234
9	Electrochemically converting carbon monoxide to liquid fuels by directing selectivity with electrode surface area. <i>Nature Catalysis</i> , 2019, 2, 702-708.	34.4	170
10	Three-Dimensional Spirals of Atomic Layered MoS_2 . <i>Nano Letters</i> , 2014, 14, 6418-6423.	9.1	161
11	Tunable Polaron Distortions Control the Extent of Halide Demixing in Lead Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3998-4005.	4.6	129
12	Strongly Quantum Confined Colloidal Cesium Tin Iodide Perovskite Nanoplates: Lessons for Reducing Defect Density and Improving Stability. <i>Nano Letters</i> , 2018, 18, 2060-2066.	9.1	128
13	Atomic Resolution Imaging of Halide Perovskites. <i>Nano Letters</i> , 2016, 16, 7530-7535.	9.1	125
14	Core-Shell $\text{CdS/Cu}_2\text{S}$ Nanorod Array Solar Cells. <i>Nano Letters</i> , 2015, 15, 4096-4101.	9.1	114
15	MoS_2 -wrapped silicon nanowires for photoelectrochemical water reduction. <i>Nano Research</i> , 2015, 8, 281-287.	10.4	87
16	Robust and biocompatible catalysts for efficient hydrogen-driven microbial electrosynthesis. <i>Communications Chemistry</i> , 2019, 2, .	4.5	82
17	Phase-Selective Cation-Exchange Chemistry in Sulfide Nanowire Systems. <i>Journal of the American Chemical Society</i> , 2014, 136, 17430-17433.	13.7	78
18	Artificial Tactile Perceptual Neuron with Nociceptive and Pressure Decoding Abilities. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26258-26266.	8.0	55

#	ARTICLE	IF	CITATIONS
19	Phase-transition-induced p-n junction in single halide perovskite nanowire. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8889-8894.	7.1	48