

Seokhyoung Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

422
citations

10
h-index

14
g-index

14
ext. papers

529
ext. citations

15.2
avg, IF

3.73
L-index

#	Paper	IF	Citations
12	Plasmonic Solar Cells: From Rational Design to Mechanism Overview. <i>Chemical Reviews</i> , 2016 , 116, 14982-15034	28.1	450
11	Designing Morphology in Epitaxial Silicon Nanowires: The Role of Gold, Surface Chemistry, and Phosphorus Doping. <i>ACS Nano</i> , 2017 , 11, 4453-4462	16.7	33
10	Self-Catalyzed Vapor-Liquid-Solid Growth of Lead Halide Nanowires and Conversion to Hybrid Perovskites. <i>Nano Letters</i> , 2017 , 17, 7561-7568	11.5	26
9	Chemically Engraving Semiconductor Nanowires: Using Three-Dimensional Nanoscale Morphology to Encode Functionality from the Bottom Up. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 685-92	6.4	24
8	Remote nongenetic optical modulation of neuronal activity using fuzzy graphene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 13339-13349	11.5	19
7	Optical Bound States in the Continuum with Nanowire Geometric Superlattices. <i>Physical Review Letters</i> , 2019 , 122, 187402	7.4	16
6	Encoding Highly Nonequilibrium Boron Concentrations and Abrupt Morphology in p-Type/n-Type Silicon Nanowire Superlattices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37105-37111	9.5	14
5	Mie-coupled bound guided states in nanowire geometric superlattices. <i>Nature Communications</i> , 2018 , 9, 2781	17.4	13
4	Geometric Nanophotonics: Light Management in Single Nanowires through Morphology. <i>Accounts of Chemical Research</i> , 2019 , 52, 3511-3520	24.3	12
3	Mie-Resonant Three-Dimensional Metacrystals. <i>Nano Letters</i> , 2020 , 20, 8096-8101	11.5	10
2	Semi-transparent, flexible, and electrically conductive silicon mesh by capillarity-driven welding of vapor-liquid-solid-grown nanowires over large areas. <i>Nano Research</i> , 2020 , 13, 1465-1471	10	2
1	Photonics of Sub-Wavelength Nanowire Superlattices. <i>MRS Advances</i> , 2019 , 4, 2759-2769	0.7	0