

Seokhyoung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

636
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1227
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Colloidal Plasmonic Nanocubes as Capacitor Building Blocks for Multidimensional Optical Metamaterials: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 9976-9984. | 5.0 | 7 |
| 2 | Large-Area, Highly Crystalline DNA-Assembled Metasurfaces Exhibiting Widely Tunable Epsilon-Near-Zero Behavior. <i>ACS Nano</i> , 2021, 15, 18289-18296. | 14.6 | 5 |
| 3 | Mie-Resonant Three-Dimensional Metacrystals. <i>Nano Letters</i> , 2020, 20, 8096-8101. | 9.1 | 28 |
| 4 | 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. | 7.1 | 52 |
| 5 | 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. | 10.4 | 4 |
| 6 | Photonics of Sub-Wavelength Nanowire Superlattices. <i>MRS Advances</i> , 2019, 4, 2759-2769. | 0.9 | 1 |
| 7 | Optical Bound States in the Continuum with Nanowire Geometric Superlattices. <i>Physical Review Letters</i> , 2019, 122, 187402. | 7.8 | 37 |
| 8 | Geometric Nanophotonics: Light Management in Single Nanowires through Morphology. <i>Accounts of Chemical Research</i> , 2019, 52, 3511-3520. | 15.6 | 20 |
| 9 | Mie-coupled bound guided states in nanowire geometric superlattices. <i>Nature Communications</i> , 2018, 9, 2781. | 12.8 | 21 |
| 10 | Designing Morphology in Epitaxial Silicon Nanowires: The Role of Gold, Surface Chemistry, and Phosphorus Doping. <i>ACS Nano</i> , 2017, 11, 4453-4462. | 14.6 | 46 |
| 11 | 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. | 8.0 | 17 |
| 12 | Self-Catalyzed Vapor-Liquid-Solid Growth of Lead Halide Nanowires and Conversion to Hybrid Perovskites. <i>Nano Letters</i> , 2017, 17, 7561-7568. | 9.1 | 37 |
| 13 | Plasmonic Solar Cells: From Rational Design to Mechanism Overview. <i>Chemical Reviews</i> , 2016, 116, 14982-15034. | 47.7 | 333 |
| 14 | 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, 685-692. | 4.6 | 28 |