Seokhyoung Kim

List of Publications by Year in Descending Order

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