

Lingyu Kong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/506133/publications.pdf>

Version: 2024-02-01

6
papers

185
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralow Thermal Conductivity of Single-Crystalline Porous Silicon Nanowires. <i>Advanced Functional Materials</i> , 2017, 27, 1702824.	14.9	47
2	Damage-Free Smooth-Sidewall InGaAs Nanopillar Array by Metal-Assisted Chemical Etching. <i>ACS Nano</i> , 2017, 11, 10193-10205.	14.6	36
3	Evidences for redox reaction driven charge transfer and mass transport in metal-assisted chemical etching of silicon. <i>Scientific Reports</i> , 2016, 6, 36582.	3.3	34
4	Minimizing Isolate Catalyst Motion in Metal-Assisted Chemical Etching for Deep Trenching of Silicon Nanohole Array. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20981-20990.	8.0	33
5	Self-Anchored Catalyst Interface Enables Ordered Via Array Formation from Submicrometer to Millimeter Scale for Polycrystalline and Single-Crystalline Silicon. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9116-9122.	8.0	26
6	Metal-Assisted Silicon Chemical Etching Using Self-Assembled Sacrificial Nickel Nanoparticles Template for Antireflection Layers in Photovoltaic and Light-Trapping Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 7025-7031.	5.0	9