

Yeseul Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9691111/publications.pdf>

Version: 2024-02-01

14
papers

564
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Holographic metasurface gas sensors for instantaneous visual alarms. <i>Science Advances</i> , 2021, 7, .	10.3	149
2	Electrically Tunable Bifocal Metalens with Diffraction-Limited Focusing and Imaging at Visible Wavelengths. <i>Advanced Science</i> , 2021, 8, e2102646.	11.2	89
3	Recent Progress on Ultrathin Metalenses for Flat Optics. <i>Science</i> , 2020, 23, 101877.	4.1	55
4	Single-Step Fabricable Flexible Metadisplays for Sensitive Chemical/Biomedical Packaging Security and Beyond. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31194-31202.	8.0	52
5	Chiroptical Metasurfaces: Principles, Classification, and Applications. <i>Sensors</i> , 2021, 21, 4381.	3.8	40
6	Reaching the highest efficiency of spin Hall effect of light in the near-infrared using all-dielectric metasurfaces. <i>Nature Communications</i> , 2022, 13, 2036.	12.8	39
7	Top-down nanofabrication approaches toward single-digit-nanometer scale structures. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 837-859.	1.5	33
8	Inducing and Probing Localized Excitons in Atomically Thin Semiconductors via Tip-Enhanced Cavity Spectroscopy. <i>Advanced Functional Materials</i> , 2021, 31, 2102893.	14.9	22
9	Three-dimensional artificial chirality towards low-cost and ultra-sensitive enantioselective sensing. <i>Nanoscale</i> , 2022, 14, 3720-3730.	5.6	20
10	Spin-valley locked topological edge states in a staggered chiral photonic crystal. <i>New Journal of Physics</i> , 2020, 22, 113022.	2.9	18
11	Generalized analytic formula for spin Hall effect of light: shift enhancement and interface independence. <i>Nanophotonics</i> , 2022, 11, 2803-2809.	6.0	18
12	Thermally-curable nanocomposite printing for the scalable manufacturing of dielectric metasurfaces. <i>Microsystems and Nanoengineering</i> , 2022, 8, .	7.0	16
13	Atomically Conformal Metal Laminations on Plasmonic Nanocrystals for Efficient Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 10582-10589.	13.7	12
14	Inducing and Probing Localized Excitons in Atomically Thin Semiconductors via Tip-Enhanced Cavity Spectroscopy (<i>Adv. Funct. Mater.</i> 33/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170243.	14.9	1