

# Weijie Kong

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

310  
citations

933447

10  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achromatic Broadband Super-Resolution Imaging by Super-Oscillatory Metasurface. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800064.	8.7	72
2	Nanofocusing of circularly polarized Bessel-type plasmon polaritons with hyperbolic metamaterials. <i>Materials Horizons</i> , 2017, 4, 290-296.	12.2	40
3	Ionic liquid based vibrational energy harvester by periodically squeezing the liquid bridge. <i>RSC Advances</i> , 2014, 4, 19356-19361.	3.6	29
4	Plasmonic Interference Lithography for Low-Cost Fabrication of Dense Lines with Sub-50 nm Half-Pitch. <i>ACS Applied Nano Materials</i> , 2019, 2, 489-496.	5.0	22
5	Hybrid octahedral Au nanocrystals and Ag nanohole arrays as substrates for highly sensitive and reproducible surface-enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1135-1142.	5.5	16
6	A simple method for estimating mutual diffusion coefficients of ionic liquids-water based on an optofluidic chip. <i>Fluid Phase Equilibria</i> , 2014, 366, 9-15.	2.5	15
7	Electret-based microfluidic power generator for harvesting vibrational energy by using ionic liquids. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 1299-1307.	2.2	15
8	Large-scale diamond silver nanoparticle arrays as uniform and sensitive SERS substrates fabricated by surface plasmon lithography technology. <i>Optics Communications</i> , 2019, 444, 56-62.	2.1	15
9	High Efficient Far-Field Nanofocusing with Tunable Focus Under Radial Polarization Illumination. <i>Plasmonics</i> , 2012, 7, 175-184.	3.4	14
10	Proximity correction and resolution enhancement of plasmonic lens lithography far beyond the near field diffraction limit. <i>RSC Advances</i> , 2017, 7, 12366-12373.	3.6	12
11	Launching deep subwavelength bulk plasmon polaritons through hyperbolic metamaterials for surface imaging with a tuneable ultra-short illumination depth. <i>Nanoscale</i> , 2016, 8, 17030-17038.	5.6	9
12	Plasmonic interference lithography by coupling the bulk plasmon polariton mode and the waveguide mode. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 135103.	2.8	8
13	Surface imaging microscopy with tunable penetration depth as short as 20 nm by employing hyperbolic metamaterials. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1797-1805.	5.5	6
14	Subdiffraction nanofocusing of circularly polarized light with a plasmonic cavity lens. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5615-5623.	5.5	6
15	Subwavelength imaging of a multilayered superlens with layers of nonequal thickness. <i>Applied Optics</i> , 2011, 50, G131.	2.1	5
16	Near-Infrared Super Resolution Imaging with Metallic Nanoshell Particle Chain Array. <i>Plasmonics</i> , 2013, 8, 835-842.	3.4	4
17	Design of a Structured Bulk Plasmon Illumination Source for Enhancing Plasmonic Cavity Superlens Imaging. <i>Plasmonics</i> , 2018, 13, 1387-1392.	3.4	4
18	Negative index metamaterial at ultraviolet range for subwavelength photolithography. <i>Nanophotonics</i> , 2022, 11, 1643-1651.	6.0	4

#	ARTICLE	IF	CITATIONS
19	Single Anisotropic Plasmonic Nanoparticle Three-Dimensional Orientation Determination Based on Fano-Like Resonance and Universal 3D Orientation-Dependent Scattering Trait. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17316-17325.	3.1	3
20	Universal Three-Dimensional Polarization-Dependent Optical Properties in Anisotropic Plasmonic Nanostar: a Route Boosting Single Particle 3D Orientation Determination and Orientation-Unlimited Polarization Information Detection. <i>Plasmonics</i> , 2015, 10, 1185-1193.	3.4	3
21	Bloch Surface Wave Assisted Structured Illumination Microscopy for Sub-100Ånm Resolution. <i>IEEE Photonics Journal</i> , 2021, 13, 1-9.	2.0	2
22	Bulk plasmon polariton based structured illumination microscopy by utilizing hyperbolic metamaterials. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 285103.	2.8	2
23	Waveguide evanescent waves based structured illumination microscopy with compact structure and flexible design. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 215101.	2.8	1
24	A planar ultraviolet objective lens for optical axis free imaging nanolithography by employing optical negative refraction. <i>Nanoscale Advances</i> , 2022, 4, 2011-2017.	4.6	1
25	Generation of A Space-Variant Vector Beam with Catenary-Shaped Polarization States. <i>Materials</i> , 2022, 15, 2940.	2.9	1
26	Multi-Wavelength Super-Resolution Imaging by Structured Illumination of Bloch Surface Waves. <i>IEEE Photonics Journal</i> , 2022, 14, 1-7.	2.0	1
27	Broadband Mid-Infrared Super-Resolution Imaging with Metallic Nanorod-Bridged Dimer Array. <i>Plasmonics</i> , 2016, 11, 797-802.	3.4	0
28	Planar Hyperspectral Imager With Small Smile and Keystone Based on Two Metasurfaces. <i>IEEE Photonics Journal</i> , 2022, 14, 1-8.	2.0	0