

# Kun Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2107467/publications.pdf>

Version: 2024-02-01

24  
papers

1,138  
citations

623734

14  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelength-Specific Product Desorption as a Key to Raising Nitrile Yield of Primary Alcohol Ammoxidation over Illuminated Pd Nanoparticles. <i>ACS Catalysis</i> , 2022, 12, 2280-2289.	11.2	17
2	Single-Particle Measurements of Nanocatalysis with Dark-Field Microscopy. <i>Catalysts</i> , 2022, 12, 764.	3.5	2
3	Plasmonic silver nanoparticles promoted sugar conversion to 5-hydroxymethylfurfural over catalysts of immobilised metal ions. <i>Applied Catalysis B: Environmental</i> , 2021, 296, 120340.	20.2	7
4	Photoactivation of ambient oxygen via plasmon-coupled valence-band hybridization in AgPd nanoalloy for reaction pathway alteration. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120598.	20.2	4
5	Single-Molecular Catalysis Identifying Activation Energy of the Intermediate Product and Rate-Limiting Step in Plasmonic Photocatalysis. <i>Nano Letters</i> , 2020, 20, 2507-2513.	9.1	40
6	DNA-Modulated Plasmon Resonance: Methods and Optical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14741-14760.	8.0	21
7	Exploring potential of different X-ray imaging methods for early-stage lung cancer detection. <i>Radiation Detection Technology and Methods</i> , 2020, 4, 213-221.	0.8	2
8	Titanium Carbide MXenes Mediated <i>In Situ</i> Reduction Allows Label-Free and Visualized Nanoplasmonic Sensing of Silver Ions. <i>Analytical Chemistry</i> , 2020, 92, 4623-4629.	6.5	57
9	NIR-Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15069-15075.	13.8	142
10	Plasmon-Mediated Catalytic O <sub>2</sub> Dissociation on Ag Nanostructures: Hot Electrons or Near Fields?. <i>ACS Energy Letters</i> , 2019, 4, 1803-1809.	17.4	136
11	NIR-Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. <i>Angewandte Chemie</i> , 2019, 131, 15213-15219.	2.0	19
12	Resonant and Selective Excitation of Photocatalytically Active Defect Sites in TiO <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10351-10355.	8.0	1
13	Synthesis of efficient Co and N co-doped carbon catalysts with high surface areas for selective oxidation of ethylbenzene. <i>New Journal of Chemistry</i> , 2018, 42, 12677-12683.	2.8	9
14	Improving the detection efficiency and modulation transfer function of lens-coupled indirect X-ray imaging detectors based on point spread functions simulated according to lens performance parameters. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1093-1105.	2.4	1
15	Balancing Near-Field Enhancement, Absorption, and Scattering for Effective Antenna-Reactor Plasmonic Photocatalysis. <i>Nano Letters</i> , 2017, 17, 3710-3717.	9.1	202
16	Emission properties of suprathermal electrons produced by laser-plasma interactions. <i>Laser and Particle Beams</i> , 2017, 35, 663-669.	1.0	2
17	Cold Ion Outflow Modulated by the Solar Wind Energy Input and Tilt of the Geomagnetic Dipole. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,658.	2.4	14
18	Stagnant low-energy ions in the near cusp region observed by Cluster. <i>Science China Earth Sciences</i> , 2017, 60, 1299-1309.	5.2	0

#	ARTICLE	IF	CITATIONS
19	Bimetallic nano-mushrooms with DNA-mediated interior nanogaps for high-efficiency SERS signal amplification. <i>Nano Research</i> , 2015, 8, 731-742.	10.4	70
20	Unraveling the Role of Hydrogen Peroxide in $\hat{\alpha}$ -Synuclein Aggregation Using an Ultrasensitive Nanoplasmonic Probe. <i>Analytical Chemistry</i> , 2015, 87, 1968-1973.	6.5	35
21	DNA-Directed Assembly of Gold Nanohalo for Quantitative Plasmonic Imaging of Single-Particle Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 4292-4295.	13.7	125
22	Optical approaches in study of nanocatalysis with single-molecule and single-particle resolution. <i>Frontiers of Optoelectronics</i> , 2015, 8, 379-393.	3.7	6
23	Dark-field microscopy in imaging of plasmon resonant nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 124, 111-117.	5.0	45
24	Nanoplasmonic Imaging of Latent Fingerprints and Identification of Cocaine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11542-11545.	13.8	150