

# Kuangcai Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6855865/publications.pdf>

Version: 2024-02-01

21  
papers

1,124  
citations

759233

12  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticles in biological optical imaging. <i>Nano Today</i> , 2019, 24, 120-140.	11.9	259
2	Targeting cancer cell integrins using gold nanorods in photothermal therapy inhibits migration through affecting cytoskeletal proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5655-E5663.	7.1	151
3	Optical Super-Resolution Imaging of Surface Reactions. <i>Chemical Reviews</i> , 2017, 117, 7510-7537.	47.7	140
4	Nuclear Membrane-Targeted Gold Nanoparticles Inhibit Cancer Cell Migration and Invasion. <i>ACS Nano</i> , 2017, 11, 3716-3726.	14.6	135
5	Gold Nanorod Photothermal Therapy Alters Cell Junctions and Actin Network in Inhibiting Cancer Cell Collective Migration. <i>ACS Nano</i> , 2018, 12, 9279-9290.	14.6	105
6	In situ quantitative single-molecule study of dynamic catalytic processes in nanoconfinement. <i>Nature Catalysis</i> , 2018, 1, 135-140.	34.4	99
7	Characteristic rotational behaviors of rod-shaped cargo revealed by automated five-dimensional single particle tracking. <i>Nature Communications</i> , 2017, 8, 887.	12.8	53
8	Synthesis and assembly of gold nanoparticle-doped polymer solid foam films at the liquid/liquid interface and their catalytic properties. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 81-88.	9.4	40
9	Dynamin-dependent vesicle twist at the final stage of clathrin-mediated endocytosis. <i>Nature Cell Biology</i> , 2021, 23, 859-869.	10.3	32
10	Single Particle Orientation and Rotational Tracking (SPORT) in biophysical studies. <i>Nanoscale</i> , 2013, 5, 10753.	5.6	30
11	Multishell Au/Ag/SiO <sub>2</sub> Nanorods with Tunable Optical Properties as Single Particle Orientation and Rotational Tracking Probes. <i>Analytical Chemistry</i> , 2015, 87, 4096-4099.	6.5	20
12	One-Step Synthesis and Assembly of Two-Dimensional Arrays of Mercury Sulfide Nanocrystal Aggregates at the Air/Water Interface. <i>Langmuir</i> , 2010, 26, 14879-14884.	3.5	13
13	Differential interference contrast microscopy imaging of micrometer-long plasmonic nanowires. <i>Chemical Communications</i> , 2013, 49, 11038.	4.1	10
14	Localization accuracy of gold nanoparticles in single particle orientation and rotational tracking. <i>Optics Express</i> , 2017, 25, 9860.	3.4	10
15	Resolving cargo-motor-track interactions with bifocal parallax single-particle tracking. <i>Biophysical Journal</i> , 2021, 120, 1378-1386.	0.5	8
16	van der Waals Semiconductor Empowered Vertical Color Sensor. <i>ACS Nano</i> , 2022, 16, 8619-8629.	14.6	5
17	Isomeric quantification of O-diglycosyl flavonoids by a complex-free kinetic method using ESI/QToF mass spectrometry. <i>Microchemical Journal</i> , 2014, 117, 46-51.	4.5	4
18	Combinatorial Single Particle Spectro-Microscopic Analysis of Plasmon Coupling of Gold Nanorods on Mirror. <i>Journal of Physical Chemistry C</i> , 0, , .	3.1	4

#	ARTICLE	IF	CITATIONS
19	Synthesis and luminescence properties of cinnamide based nanohybrid materials containing Eu (II) ions. <i>Journal of Crystal Growth</i> , 2011, 326, 128-134.	1.5	1
20	Imaging Dynamic Processes in Multiple Dimensions and Length Scales. <i>Annual Review of Physical Chemistry</i> , 2022, 73, .	10.8	1
21	Preparation and Characterization of Porous and Composite Nanoparticulate Films of CdS at the Air/Water Interface. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2547-2552.	1.9	0