

Kuangcai Chen

List of Publications by Year in descending order

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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 | Imaging Dynamic Processes in Multiple Dimensions and Length Scales. Annual Review of Physical Chemistry, 2022, 73, . | 10.8 | 1 |
| 2 | van der Waals Semiconductor Empowered Vertical Color Sensor. ACS Nano, 2022, 16, 8619-8629. | 14.6 | 5 |
| 3 | Resolving cargo-motor-track interactions with bifocal parallax single-particle tracking. Biophysical Journal, 2021, 120, 1378-1386. | 0.5 | 8 |
| 4 | Dynamin-dependent vesicle twist at the final stage of clathrin-mediated endocytosis. Nature Cell Biology, 2021, 23, 859-869. | 10.3 | 32 |
| 5 | Gold nanoparticles in biological optical imaging. Nano Today, 2019, 24, 120-140. | 11.9 | 259 |
| 6 | In situ quantitative single-molecule study of dynamic catalytic processes in nanoconfinement. Nature Catalysis, 2018, 1, 135-140. | 34.4 | 99 |
| 7 | Gold Nanorod Photothermal Therapy Alters Cell Junctions and Actin Network in Inhibiting Cancer Cell Collective Migration. ACS Nano, 2018, 12, 9279-9290. | 14.6 | 105 |
| 8 | Nuclear Membrane-Targeted Gold Nanoparticles Inhibit Cancer Cell Migration and Invasion. ACS Nano, 2017, 11, 3716-3726. | 14.6 | 135 |
| 9 | Optical Super-Resolution Imaging of Surface Reactions. Chemical Reviews, 2017, 117, 7510-7537. | 47.7 | 140 |
| 10 | Characteristic rotational behaviors of rod-shaped cargo revealed by automated five-dimensional single particle tracking. Nature Communications, 2017, 8, 887. | 12.8 | 53 |
| 11 | Targeting cancer cell integrins using gold nanorods in photothermal therapy inhibits migration through affecting cytoskeletal proteins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5655-E5663. | 7.1 | 151 |
| 12 | Localization accuracy of gold nanoparticles in single particle orientation and rotational tracking. Optics Express, 2017, 25, 9860. | 3.4 | 10 |
| 13 | Multishell Au/Ag/SiO ₂ Nanorods with Tunable Optical Properties as Single Particle Orientation and Rotational Tracking Probes. Analytical Chemistry, 2015, 87, 4096-4099. | 6.5 | 20 |
| 14 | Isomeric quantification of O-diglycosyl flavonoids by a complex-free kinetic method using ESI/QToF mass spectrometry. Microchemical Journal, 2014, 117, 46-51. | 4.5 | 4 |
| 15 | Single Particle Orientation and Rotational Tracking (SPORT) in biophysical studies. Nanoscale, 2013, 5, 10753. | 5.6 | 30 |
| 16 | Differential interference contrast microscopy imaging of micrometer-long plasmonic nanowires. Chemical Communications, 2013, 49, 11038. | 4.1 | 10 |
| 17 | Synthesis and luminescence properties of cinnamide based nanohybrid materials containing Eu (II) ions. Journal of Crystal Growth, 2011, 326, 128-134. | 1.5 | 1 |
| 18 | Synthesis and assembly of gold nanoparticle-doped polymer solid foam films at the liquid/liquid interface and their catalytic properties. Journal of Colloid and Interface Science, 2011, 362, 81-88. | 9.4 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |