

Rui Wang

List of Publications by Year in descending order

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11
papers

692
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	Evanescent scattering imaging of single protein binding kinetics and DNA conformation changes. <i>Nature Communications</i> , 2022, 13, 2298.	12.8	19
2	Label-Free Imaging of Nanoscale Displacements and Free-Energy Profiles of Focal Adhesions with Plasmonic Scattering Microscopy. <i>ACS Sensors</i> , 2021, 6, 4244-4254.	7.8	21
3	Direct Experimental Evidence of Hot Carrier-Driven Chemical Processes in Tip-Enhanced Raman Spectroscopy (TERS). <i>Journal of Physical Chemistry C</i> , 2020, 124, 2238-2244.	3.1	44
4	Gap-Mode Tip-Enhanced Raman Scattering on Au Nanoplates of Varied Thickness. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3815-3820.	4.6	17
5	Use of Raman spectroscopy and size-exclusion chromatography coupled with HDX-MS spectroscopy for studying conformational changes of small proteins in solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113399.	2.8	8
6	Nanoscale Photocatalytic Activity of Gold and Gold-Palladium Nanostructures Revealed by Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5531-5537.	4.6	31
7	Thermal Reshaping of Gold Microplates: Three Possible Routes and Their Transformation Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41813-41820.	8.0	9
8	Surface-Enhanced Raman Analysis of Underlying Colorants on Redyed Hair. <i>Analytical Chemistry</i> , 2019, 91, 7313-7318.	6.5	15
9	Elucidation of Tip-Broadening Effect in Tip-Enhanced Raman Spectroscopy (TERS): A Cause of Artifacts or Potential for 3D TERS. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24334-24340.	3.1	26
10	In vivo gastrointestinal drug-release monitoring through second near-infrared window fluorescent bioimaging with orally delivered microcarriers. <i>Nature Communications</i> , 2017, 8, 14702.	12.8	200
11	Spatially Confined Fabrication of Core-Shell Gold Nanocages@Mesoporous Silica for Near-Infrared Controlled Photothermal Drug Release. <i>Chemistry of Materials</i> , 2013, 25, 3030-3037.	6.7	302