

Lingyan Meng

List of Publications by Year in descending order

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17
papers

710
citations

840776

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940533

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all docs

17
docs citations

17
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the electronic and catalytic properties of a bimetallic surface with 3â€¦nm resolution. Nature Nanotechnology, 2017, 12, 132-136.	31.5	290
2	Plasmon-Enhanced Second-Harmonic Generation Nanorulers with Ultrahigh Sensitivities. Nano Letters, 2015, 15, 6716-6721.	9.1	88
3	Effect of Electric Field Gradient on Sub-nanometer Spatial Resolution of Tip-enhanced Raman Spectroscopy. Scientific Reports, 2015, 5, 9240.	3.3	83
4	Electromagnetic Enhancement in Shell-Isolated Nanoparticle-Enhanced Raman Scattering from Gold Flat Surfaces. Journal of Physical Chemistry C, 2015, 119, 5246-5251.	3.1	44
5	High-Throughput Single-Particle Analysis of Metal-Enhanced Fluorescence in Free Solution Using Ag@SiO ₂ Core-Shell Nanoparticles. ACS Sensors, 2017, 2, 1369-1376.	7.8	43
6	Tip-enhanced photoluminescence spectroscopy of monolayer MoS ₂ . Photonics Research, 2017, 5, 745.	7.0	33
7	A Nanoplasmonic Strategy for Precision in-situ Measurements of Tip-enhanced Raman and Fluorescence Spectroscopy. Scientific Reports, 2016, 6, 19558.	3.3	32
8	Fano Interference Between Higher Localized and Propagating Surface Plasmon Modes in Nanovoid Arrays. Plasmonics, 2015, 10, 71-76.	3.4	21
9	Directional surface plasmon-coupled emission of tilted-tip enhanced spectroscopy. Nanophotonics, 2018, 7, 1325-1332.	6.0	20
10	Bioorganic dye-sensitized solar cell of carotenoid-â€œpheophytin aâ€œ-TiO ₂ . RSC Advances, 2014, 4, 63016-63024.	3.6	15
11	Tip-enhanced spectroscopy of 2D black phosphorus. Journal of Raman Spectroscopy, 2019, 50, 1058-1064.	2.5	13
12	Electromagnetic Field Gradient-Enhanced Raman Scattering in TERS Configurations. Journal of Physical Chemistry C, 2021, 125, 5684-5691.	3.1	10
13	Plexciton for surface enhanced Raman scattering and emission. Journal of Raman Spectroscopy, 2020, 51, 476-482.	2.5	8
14	Strong Fluorescence Enhancement with Silica-Coated Au Nanoshell Dimers. Plasmonics, 2017, 12, 263-269.	3.4	5
15	Deep ultraviolet tip-enhanced fluorescence. Nanotechnology, 2019, 30, 035202.	2.6	2
16	Surface and coherent contributions of plasmon fields to ultraviolet tip-enhanced coherent anti-Stokes Raman scattering. Nanotechnology, 2020, 31, 395204.	2.6	2
17	Surface-Enhanced Coherent Anti-Stokes Raman Scattering Based on Coupled Nanohole-Slit Arrays. Physical Chemistry Chemical Physics, 0, , .	2.8	1