

Lingyan Meng

List of Publications by Year in descending order

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papers

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840776

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1164
citing authors

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