Zhenglong

List of Publications by Year
in descending order

24 papers	1,615 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1658 citing authors

#	Article	IF	Citations
1	In-situ plasmon-driven chemical reactions revealed by high vacuum tip-enhanced Raman spectroscopy. Scientific Reports, 2012, 2, 647.	3.3	254
2	Nanowire-supported plasmonic waveguide for remote excitation of surface-enhanced Raman scattering. Light: Science and Applications, 2014, 3, e199-e199.	16.6	190
3	Remotely excited Raman optical activity using chiral plasmon propagation in Ag nanowires. Light: Science and Applications, 2013, 2, e112-e112.	16.6	185
4	Recent Progress on Plasmon-Enhanced Fluorescence. Nanophotonics, 2015, 4, 472-490.	6.0	164
5	Visualized method of chemical enhancement mechanism on SERS and TERS. Journal of Raman Spectroscopy, 2014, 45, 533-540.	2.5	107
6	Plasmonic Scissors for Molecular Design. Chemistry - A European Journal, 2013, 19, 14958-14962.	3.3	89
7	Single molecule level plasmonic catalysis â€“ a dilution study of p-nitrothiophenol on gold dimers. Chemical Communications, 2015, 51, 3069-3072.	4.1	86
8	High vacuum tip-enhanced Raman spectroscope based on a scanning tunneling microscope. Review of Scientific Instruments, 2016, 87, 033104.	1.3	86
9	Insights into the nature of plasmon-driven catalytic reactions revealed by HV-TERS. Nanoscale, 2013, 5, 3249.	5.6	84
10	Plasmonic Gradient Effects on High Vacuum Tipâ€Enhanced Raman Spectroscopy. Advanced Optical Materials, 2014, 2, 74-80.	7.3	63
11	Electric field gradient quadrupole Raman modes observed in plasmon-driven catalytic reactions revealed by HV-TERS. Nanoscale, 2013, 5, 4151.	5.6	54
12	Plasmon-driven sequential chemical reactions in an aqueous environment. Scientific Reports, 2015, 4, 5407.	3.3	51
13	Plasmonâ€Driven Selective Reductions Revealed by Tipâ€Enhanced Raman Spectroscopy. Advanced Materials Interfaces, 2014, 1, 1300125.	3.7	44
14	Molecular resonant dissociation of surface-adsorbed molecules by plasmonic nanoscissors. Nanoscale, 2014, 6, 4903-4908.	5.6	43
15	Tipâ€Enhanced Resonance Couplings Revealed by High Vacuum Tipâ€Enhanced Raman Spectroscopy. Advanced Optical Materials, 2013, 1, 449-455.	7.3	39
16	Recent Progresses in Integrated Nanoplasmonic Devices Based on Propagating Surface Plasmon Polaritons. Plasmonics, 2015, 10, 1841-1852.	3.4	20
17	Plasmon-driven dimerization via S-S chemical bond in an aqueous environment. Scientific Reports, 2014, 4, 7221.	3.3	19
18	Tip-Enhanced Ultrasensitive Stokes and Anti-Stokes Raman Spectroscopy in High Vacuum. Plasmonics, 2013, 8, 523-527.	3.4	15

#	ARTICLE	IF	CITATIONS
19	pH-Dependent plasmonic catalysis of 4-nitrobenzenethiol in aqueous environment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 542-545.	3.9	6
20	Remote Excited Raman Optical Activity of Adenine Along Ag Plasmonic Waveguide. Plasmonics, 2014, 9, 673-676.	3.4	5
21	Time-Resolved Photoluminescence Spectroscopy of Excitonâ€“Plasmon Coupling Dynamics. Plasmonics, 2015, 10, 271-280.	3.4	5
22	Nonlinear resonances in electrochemical SERS of SCNâ¯, rotation-resolved Raman and anti-Stokes Raman of SCNâ¯ in HV-TERS. RSC Advances, 2012, 2, 12160.	3.6	2
23	Unusual Raman spectra of para-nitroaniline by sequential Fermi resonances. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 120, 616-620.	3.9	2
24	Tip-Enhanced Raman Spectroscopy: Plasmon-Driven Selective Reductions Revealed by Tip-Enhanced Raman Spectroscopy (Adv. Mater. Interfaces 5/2014). Advanced Materials Interfaces, 2014, 1, n/a-n/a.	3.7	1