

Zhenglong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1578144/publications.pdf>

Version: 2024-02-01

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 | High vacuum tip-enhanced Raman spectroscopy based on a scanning tunneling microscope. Review of Scientific Instruments, 2016, 87, 033104. | 1.3 | 86 |
| 2 | 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 |
| 3 | Recent Progress on Plasmon-Enhanced Fluorescence. Nanophotonics, 2015, 4, 472-490. | 6.0 | 164 |
| 4 | Time-Resolved Photoluminescence Spectroscopy of Exciton-Plasmon Coupling Dynamics. Plasmonics, 2015, 10, 271-280. | 3.4 | 5 |
| 5 | Plasmon-driven sequential chemical reactions in an aqueous environment. Scientific Reports, 2015, 4, 5407. | 3.3 | 51 |
| 6 | Recent Progresses in Integrated Nanoplasmonic Devices Based on Propagating Surface Plasmon Polaritons. Plasmonics, 2015, 10, 1841-1852. | 3.4 | 20 |
| 7 | Single molecule level plasmonic catalysis – a dilution study of p-nitrothiophenol on gold dimers. Chemical Communications, 2015, 51, 3069-3072. | 4.1 | 86 |
| 8 | Nanowire-supported plasmonic waveguide for remote excitation of surface-enhanced Raman scattering. Light: Science and Applications, 2014, 3, e199-e199. | 16.6 | 190 |
| 9 | Plasmonic Gradient Effects on High Vacuum Tip-Enhanced Raman Spectroscopy. Advanced Optical Materials, 2014, 2, 74-80. | 7.3 | 63 |
| 10 | 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 |
| 11 | Plasmon-Driven Selective Reductions Revealed by Tip-Enhanced Raman Spectroscopy. Advanced Materials Interfaces, 2014, 1, 1300125. | 3.7 | 44 |
| 12 | 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 |
| 13 | Molecular resonant dissociation of surface-adsorbed molecules by plasmonic nanoscissors. Nanoscale, 2014, 6, 4903-4908. | 5.6 | 43 |
| 14 | Remote Excited Raman Optical Activity of Adenine Along Ag Plasmonic Waveguide. Plasmonics, 2014, 9, 673-676. | 3.4 | 5 |
| 15 | Visualized method of chemical enhancement mechanism on SERS and TERS. Journal of Raman Spectroscopy, 2014, 45, 533-540. | 2.5 | 107 |
| 16 | Plasmon-driven dimerization via S-S chemical bond in an aqueous environment. Scientific Reports, 2014, 4, 7221. | 3.3 | 19 |
| 17 | Tip-Enhanced Ultrasensitive Stokes and Anti-Stokes Raman Spectroscopy in High Vacuum. Plasmonics, 2013, 8, 523-527. | 3.4 | 15 |
| 18 | Electric field gradient quadrupole Raman modes observed in plasmon-driven catalytic reactions revealed by HV-TERS. Nanoscale, 2013, 5, 4151. | 5.6 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Insights into the nature of plasmon-driven catalytic reactions revealed by HV-TERS. <i>Nanoscale</i> , 2013, 5, 3249. | 5.6 | 84 |
| 20 | Tip-Enhanced Resonance Couplings Revealed by High Vacuum Tip-Enhanced Raman Spectroscopy. <i>Advanced Optical Materials</i> , 2013, 1, 449-455. | 7.3 | 39 |
| 21 | Remotely excited Raman optical activity using chiral plasmon propagation in Ag nanowires. <i>Light: Science and Applications</i> , 2013, 2, e112-e112. | 16.6 | 185 |
| 22 | Plasmonic Scissors for Molecular Design. <i>Chemistry - A European Journal</i> , 2013, 19, 14958-14962. | 3.3 | 89 |
| 23 | In-situ plasmon-driven chemical reactions revealed by high vacuum tip-enhanced Raman spectroscopy. <i>Scientific Reports</i> , 2012, 2, 647. | 3.3 | 254 |
| 24 | Nonlinear resonances in electrochemical SERS of SCN ⁻ , rotation-resolved Raman and anti-Stokes Raman of SCN ⁻ in HV-TERS. <i>RSC Advances</i> , 2012, 2, 12160. | 3.6 | 2 |