

Ravi Prakash Tripathi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

357
citations

933447

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839539

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22
all docs

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docs citations

22
times ranked

672
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Plasmofluidic single-molecule surface-enhanced Raman scattering from dynamic assembly of plasmonic nanoparticles. <i>Nature Communications</i> , 2014, 5, 4357. | 12.8 | 145 |
| 2 | Exciton Emission Intensity Modulation of Monolayer MoS ₂ via Au Plasmon Coupling. <i>Scientific Reports</i> , 2017, 7, 41175. | 3.3 | 50 |
| 3 | Directional out-coupling of light from a plasmonic nanowire-nanoparticle junction. <i>Optics Letters</i> , 2015, 40, 1006. | 3.3 | 20 |
| 4 | Naturally occurring layered mineral franckeite with anisotropic Raman scattering and third-harmonic generation responses. <i>Scientific Reports</i> , 2021, 11, 8510. | 3.3 | 16 |
| 5 | Extended Bodipy Self-Assembly as Supramolecular Photonic Security Ink and Optical Waveguide. <i>Advanced Functional Materials</i> , 2022, 32, 2109041. | 14.9 | 16 |
| 6 | Directional Fluorescence Emission Mediated by Chemically-Prepared Plasmonic Nanowire Junctions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 17692-17698. | 3.1 | 14 |
| 7 | Van der Waals Layered Mineral Getchellite with Anisotropic Linear and Nonlinear Optical Responses. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100182. | 8.7 | 14 |
| 8 | Remote-excitation surface-enhanced Raman scattering with counter-propagating plasmons: silver nanowire-nanoparticle system. <i>Journal of Nanophotonics</i> , 2013, 8, 083899. | 1.0 | 13 |
| 9 | Optics of an individual organic molecular mesowire waveguide: directional light emission and anomalous refractive index. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 065002. | 2.2 | 10 |
| 10 | Large-scale dynamic assembly of metal nanostructures in plasmofluidic field. <i>Faraday Discussions</i> , 2016, 186, 95-106. | 3.2 | 10 |
| 11 | Plasmon-controlled excitonic emission from vertically-tapered organic nanowires. <i>Nanoscale</i> , 2016, 8, 14803-14808. | 5.6 | 7 |
| 12 | Directional exciton-polariton photoluminescence emission from terminals of a microsphere-coupled organic waveguide. <i>Applied Physics Letters</i> , 2016, 108, . | 3.3 | 7 |
| 13 | V-shaped active plasmonic meta-polymers. <i>Nanoscale</i> , 2019, 11, 3799-3803. | 5.6 | 7 |
| 14 | Polarization-dependent optical responses in natural 2D layered mineral teallite. <i>Scientific Reports</i> , 2021, 11, 21895. | 3.3 | 7 |
| 15 | Directional second-harmonic generation controlled by sub-wavelength facets of an organic mesowire. <i>Applied Optics</i> , 2018, 57, 5914. | 1.8 | 5 |
| 16 | Radiative Channeling of Nanowire Frenkel Exciton Polaritons through Surface Plasmons. <i>Advanced Optical Materials</i> , 2017, 5, 1600873. | 7.3 | 4 |
| 17 | Anisotropic optical responses of layered thallium arsenic sulfosalt gillulyite. <i>Scientific Reports</i> , 2021, 11, 22002. | 3.3 | 4 |
| 18 | Behaviour of NTE Material Ag ₃ [Co(CN) ₆] under Pressure. <i>Journal of Physics: Conference Series</i> , 2012, 377, 012009. | 0.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Doughnut-shaped emission from vertical organic nanowire coupled to thin plasmonic film. Optics Letters, 2018, 43, 923. | 3.3 | 2 |
| 20 | Fourier imaging microscopy of light-emitting hybrid perovskite nanostructures. , 2020, , . | | 1 |
| 21 | Natural layered mercury antimony sulfosalt livingstonite with anisotropic optical properties. Optics Express, 0, , . | 3.4 | 1 |
| 22 | Anisotropic third-harmonic generation of exfoliated As ₂ S ₃ thin flakes. Optics Express, 0, , . | 3.4 | 1 |