# Subhajit Karmakar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3484472/publications.pdf

Version: 2024-02-01

| 20 | 331 | 933447 | 1058476 |
|---|---|---|---|
| papers | citations | 10 | 14 |
| | | h-index | g-index |

| 21 | 21 | 21 | 89 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Localized surface plasmon resonance-enhanced solar-blind Al<sub>0.4</sub>Ga<sub>0.6</sub>N MSM photodetectors exhibiting high-temperature robustness. Nanotechnology, 2022, 33, 145202. | 2.6 | 7 |
| 2 | Hybrid resonant cavities: A route towards phase engineered THz metasurfaces. IScience, 2022, 25, 104024. | 4.1 | 9 |
| 3 | Magnetic modulation of Fano resonances in optically thin terahertz superlattice metasurfaces. Journal Physics D: Applied Physics, 2022, 55, 135109. | 2.8 | 11 |
| 4 | Resonance hybridization in terahertz stacked metamaterials near Fano excitation threshold. , 2022, , . | | 1 |
| 5 | Deep-Ultraviolet Photodetectors Based on Hexagonal Boron Nitride Nanosheets Enhanced by Localized Surface Plasmon Resonance in Al Nanoparticles. ACS Applied Nano Materials, 2022, 5, 7481-7491. | 5.0 | 9 |
| 6 | Magnetospectroscopy of terahertz surface plasmons in subwavelength perforated superlattice thin-films. Journal of Applied Physics, 2022, 131, . | 2.5 | 12 |
| 7 | Polarization Sensitive Terahertz Modulator Based on Electrically Controlled Fano Metasurfaces. Springer Proceedings in Physics, 2021, , 895-898. | 0.2 | 0 |
| 8 | Magnetic wire: transverse magnetism in a one-dimensional plasmonic system. Optics Letters, 2021, 46, 1365. | 3.3 | 37 |
| 9 | Ultrasensitive terahertz sensing with broadside coupled polarization insensitive graphene metamaterial cavities. Optik, 2021, 248, 168073. | 2.9 | 11 |
| 10 | Broadside coupled graphene metamaterial cavities for ultrasensitive terahertz sensing. , 2021, , . | | 0 |
| 11 | Terahertz Transverse Magnetism in Subwavelength Grating-Coupled Hybrid Plasmonic Systems. , 2021, , . | | 0 |
| 12 | Hybridization of dark resonant states in terahertz metasurfaces. Journal of Applied Physics, 2021, 130, . | 2.5 | 14 |
| 13 | Strong terahertz matter interaction induced ultrasensitive sensing in Fano cavity based stacked metamaterials. Journal Physics D: Applied Physics, 2020, 53, 415101. | 2.8 | 71 |
| 14 | Modulating extraordinary terahertz transmissions in multilayer plasmonic metasurfaces. Journal of Optics (United Kingdom), 2020, 22, 125101. | 2.2 | 17 |
| 15 | Lattice-induced plasmon hybridization in metamaterials. Optics Letters, 2020, 45, 3386. | 3.3 | 44 |
| 16 | Observation of resonance cloaking with vanishing capacitance in terahertz multilayer metasurfaces. , 2020, , . | | 0 |
| 17 | Terahertz sensing with deep-subwavelength metasurface cavity operating near Fano excitation threshold. , 2020, , . | | 0 |
| 18 | Deepâ€Subwavelength Couplingâ€Induced Fano Resonances in Symmetric Terahertz Metamaterials. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900310. | 2.4 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Displacement sensing using terahertz metasurfaces. , 2019, , . | | 0 |
| 20 | Theoretical investigation of active modulation and enhancement of Fano resonance in THz metamaterials. OSA Continuum, 2019, 2, 531. | 1.8 | 26 |