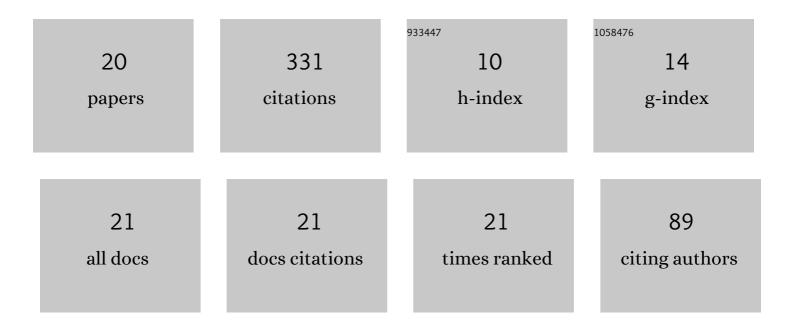
## Subhajit Karmakar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3484472/publications.pdf Version: 2024-02-01



#	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	Deep‣ubwavelength 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