# Anshuman Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2774592/publications.pdf

Version: 2024-02-01

| 19 | 685 | 933447 10 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 1167 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Far-Field Control of Nanoscale Hotspots by Near-Field Interference. ACS Photonics, 2020, 7, 2381-2389. | 6.6 | 4 |
| 2 | Efficient widely-separated optical parametric oscillation. , 2020, , . | | 0 |
| 3 | Heterogeneous integrated silicon photonic circuits with deterministically fabricated single quantum dot single-photon sources. , 2020, , . | | 0 |
| 4 | Quantum frequency conversion of a quantum dot single-photon source on a nanophotonic chip. Optica, 2019, 6, 563. | 9.3 | 55 |
| 5 | Indistinguishable Photons from Deterministically Integrated Single Quantum Dots in Heterogeneous GaAs/Si<sub>3</sub>N<sub>4</sub> Quantum Photonic Circuits. Nano Letters, 2019, 19, 7164-7172. | 9.1 | 53 |
| 6 | Chip-integrated visibleâ€“telecom entangled photon pair source for quantum communication. Nature Physics, 2019, 15, 373-381. | 16.7 | 148 |
| 7 | Efficient telecom-to-visible spectral translation through ultralow power nonlinear nanophotonics. Nature Photonics, 2019, 13, 593-601. | 31.4 | 82 |
| 8 | Tunable Quantum Beat of Single Photons Enabled by Nonlinear Nanophotonics. Physical Review Applied, 2019, 12, . | 3.8 | 8 |
| 9 | Milliwatt-threshold visibleâ€“telecom optical parametric oscillation using silicon nanophotonics. Optica, 2019, 6, 1535. | 9.3 | 44 |
| 10 | Sub-mW optical parametric oscillation across visible and telecommunications bands using silicon nanophotonics. , 2019, , . | | 0 |
| 11 | Tunable quantum beat of single photons enabled by nonlinear nanophotonics. Physical Review Applied, 2019, 12, . | 3.8 | 1 |
| 12 | Plasmonic Cavity Coupling. ACS Photonics, 2018, 5, 43-53. | 6.6 | 176 |
| 13 | Nanoscale Mapping and Control of Antenna-Coupling Strength for Bright Single Photon Sources. Nano Letters, 2018, 18, 2538-2544. | 9.1 | 33 |
| 14 | Fiber-Based Optical Nanoantennas for Single-Molecule Imaging and Sensing. Journal of Lightwave Technology, 2015, 33, 2371-2377. | 4.6 | 12 |
| 15 | Vectorial Nanoscale Mapping of Optical Antenna Fields by Single Molecule Dipoles. Nano Letters, 2014, 14, 4715-4723. | 9.1 | 34 |
| 16 | Nanoantenna probes: Mode mapping and nanoscale imaging. , 2013, , . | | 0 |
| 17 | Tailored fiber Bragg gratings inscribed with a phase mask and a deformed wave front by ultrashort pulses. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 18 | Ultrashort pulse inscription of tailored fiber Bragg gratings with a phase mask and a deformed wavefront [Invited]. Optical Materials Express, 2011, 1, 633. | 3.0 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | InAs/InAsSb Avalanche Photodiode (APD) for applicaions in long-wavelength infrared region. Optoelectronics Letters, 2008, 4, 342-346. | 0.8 | 1 |