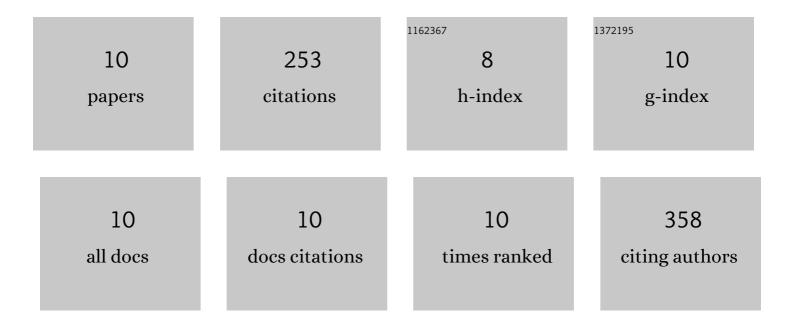
Akash Kannegulla

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Photo-induced spatial modulation of THz waves: opportunities and limitations. Optics Express, 2015, 23, 32098. | 1.7 | 62 |
| 2 | Simultaneous colorimetric and surface-enhanced Raman scattering detection of melamine from milk. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 231, 118130. | 2.0 | 33 |
| 3 | Quantum Dot Fullerene-Based Molecular Beacon Nanosensors for Rapid, Highly Sensitive Nucleic Acid Detection. ACS Applied Materials & Interfaces, 2018, 10, 18524-18531. | 4.0 | 31 |
| 4 | Subwavelength focusing of terahertz waves in silicon hyperbolic metamaterials. Optics Letters, 2016, 41, 3539. | 1.7 | 28 |
| 5 | Plasmonic cellulose textile fiber from waste paper for BPA sensing by SERS. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117664. | 2.0 | 28 |
| 6 | Plasmonic Open-Ring Nanoarrays for Broadband Fluorescence Enhancement and Ultrasensitive DNA Detection. Journal of Physical Chemistry C, 2018, 122, 770-776. | 1.5 | 26 |
| 7 | Metal assisted focused-ion beam nanopatterning. Nanotechnology, 2016, 27, 36LT01. | 1.3 | 25 |
| 8 | Quasi-Optical Terahertz Microfluidic Devices for Chemical Sensing and Imaging. Micromachines, 2016, 7, 75. | 1.4 | 8 |
| 9 | Molecular Packing-Dependent Exciton and Polariton Dynamics in Anthradithiophene Organic Crystals. MRS Advances, 2018, 3, 3465-3470. | 0.5 | 7 |
| 10 | Optically controlled reconfigurable terahertz waveguide filters based on photo-induced electromagnetic band gap structures using mesa arrays. OSA Continuum, 2018, 1, 1429. | 1.8 | 5 |