

# Akash Kannegulla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4530790/publications.pdf>

Version: 2024-02-01

10  
papers

253  
citations

1162367

8  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

358  
citing authors

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