

# S R Kchaitanya Indukuri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9075357/publications.pdf>

Version: 2024-02-01

11  
papers

153  
citations

1651377

6  
h-index

1526636

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of photonic spin-momentum locking due to coupling of achiral metamaterials and quantum dots. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 015701.	0.7	3
2	WS <sub>2</sub> Monolayers Coupled to Hyperbolic Metamaterial Nanoantennas: Broad Implications for Light-Matter-Interaction Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 10226-10233.	2.4	26
3	Soft Lithography for Manufacturing Scalable Perovskite Metasurfaces with Enhanced Emission and Absorption. <i>Advanced Optical Materials</i> , 2020, 8, 2001627.	3.6	18
4	3D Printing of Micrometer-Sized Transparent Ceramics with On-Demand Optical Gain Properties. <i>Advanced Materials</i> , 2020, 32, e2001675.	11.1	40
5	Ultra-small mode volume hyperbolic metamaterial cavity enhanced emission from 2D TMDC materials. , 2020, , .		0
6	Ultrasmall Mode Volume Hyperbolic Nanocavities for Enhanced Light-Matter Interaction at the Nanoscale. <i>ACS Nano</i> , 2019, 13, 11770-11780.	7.3	32
7	Broadband room temperature strong coupling between quantum dots and metamaterials. <i>Nanoscale</i> , 2017, 9, 11418-11423.	2.8	15
8	Plasmonic Control of Spontaneous Emission of Quantum Dots in Sub-Wavelength Photonic Templates. <i>Plasmonics</i> , 2016, 11, 787-795.	1.8	2
9	Spontaneous emission intensity and anisotropy of quantum dot films in proximity to nanoscale photonic-plasmonic templates. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 265111.	1.3	2
10	Plasmonic Lipid Bilayer Membranes for Enhanced Detection Sensitivity of Biolabeling Fluorophores. <i>Advanced Functional Materials</i> , 2015, 25, 7233-7242.	7.8	6
11	Tailoring local density of optical states to control emission intensity and anisotropy of quantum dots in hybrid photonic-plasmonic templates. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	9