

# S R Kchaitanya Indukuri

## List of Publications by Year in descending order

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

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11  
papers

153  
citations

1478458

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1372553

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11  
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11  
docs citations

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times ranked

197  
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.	1.8	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.	5.0	26
3	Soft Lithography for Manufacturing Scalable Perovskite Metasurfaces with Enhanced Emission and Absorption. <i>Advanced Optical Materials</i> , 2020, 8, 2001627.	7.3	18
4	3D Printing of Micrometer-Sized Transparent Ceramics with On-Demand Optical Gain Properties. <i>Advanced Materials</i> , 2020, 32, e2001675.	21.0	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.	14.6	32
7	Broadband room temperature strong coupling between quantum dots and metamaterials. <i>Nanoscale</i> , 2017, 9, 11418-11423.	5.6	15
8	Plasmonic Control of Spontaneous Emission of Quantum Dots in Sub-Wavelength Photonic Templates. <i>Plasmonics</i> , 2016, 11, 787-795.	3.4	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.	2.8	2
10	Plasmonic Lipid Bilayer Membranes for Enhanced Detection Sensitivity of Biolabeling Fluorophores. <i>Advanced Functional Materials</i> , 2015, 25, 7233-7242.	14.9	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, .	3.3	9