Harish N S Krishnamoorthy

List of Publications by Year
in descending order

35 papers	1,781 citations	567281 15 h-index	940533 16 g-index
35 all docs	35 docs citations	35 times ranked	2705 citing authors

#	Article	IF	Citations
1	Perovskite metasurfaces with large superstructural chirality. Nature Communications, 2022, 13, 1551.	12.8	51
2	All-dielectric Halide Perovskite Metasurfaces with Giant Chirality. , 2021, , .		2
3	Topological insulator metamaterial with giant circular photogalvanic effect. Science Advances, 2021, 7, .	10.3	23
4	Metamaterial Enhancement of Metal-Halide Perovskite Luminescence. Nano Letters, 2020, 20, 7906-7911.	9.1	23
5	Infrared dielectric metamaterials from high refractive index chalcogenides. Nature Communications, 2020, 11, 1692.	12.8	45
6	Phase Change Perovskite Metasurfaces. , 2020, , .		2
7	Roadmap on plasmonics. Journal of Optics (United Kingdom), 2018, 20, 043001.	2.2	240
8	Engineering the Emission of Broadband 2D Perovskites by Polymer Distributed Bragg Reflectors. ACS Photonics, 2018, 5, 867-874.	6.6	38
9	Ultra-confined surface phonon polaritons in molecular layers of van der Waals dielectrics. Nature Communications, 2018, 9, 1762.	12.8	59
10	A Nonâ€Volatile Chalcogenide Switchable Hyperbolic Metamaterial. Advanced Optical Materials, 2018, 6, 1800332.	7.3	16
11	A Superconducting Dualâ€Channel Photonic Switch. Advanced Materials, 2018, 30, e1801257.	21.0	86
12	Organometallic Perovskite Metasurfaces. Advanced Materials, 2017, 29, 1604268.	21.0	118
13	Plasmonics of topological insulators at optical frequencies. NPG Asia Materials, 2017, 9, e425-e425.	7.9	65
14	Nanopatterning-enhanced perovskite luminophores. , 2017, , .		0
15	Bidirectional reconfiguration and thermal tuning of microcantilever metamaterial device operating from 77â€‰K to 400â€‰K. Applied Physics Letters, 2017, 111, .	3.3	30
16	Ultra confined polaritons in atomically layered dielectrics. , 2017, , .		0
17	Plasmonic properties of superconducting niobium in the optical part of the spectrum. , 2017, , .		1
18	Accessing the Highâ€Q Dark Plasmonic Fano Resonances in Superconductor Metasurfaces. Advanced Optical Materials, 2016, 4, 1875-1881.	7.3	58

#	Article	IF	Citations
19	Perovskite Metamaterials. , 2016, , .		0
20	Reconfigurable hyperbolic metamaterial with negative refraction. , 2016, , .		2
21	Active hyperbolic metamaterials: enhanced spontaneous emission and light extraction. Optica, 2015, 2, 62.	9.3	130
22	Simultaneous enhancement of decay rate and light extraction from active hyperbolic metamaterial. , 2015, , .		0
23	One-Way Topological Transitions in Magnetoplasmonic Hyperbolic Metamaterials. , 2015, , .		0
24	Tunable hyperbolic metamaterials using metal-insulator transition in VO2. , 2014, , .		1
25	Tunable hyperbolic metamaterials utilizing phase change heterostructures. Applied Physics Letters, 2014, 104, .	3.3	50
26	Optical topological transition in metamaterials: QED and related effects. , 2013, , .		0
27	Broadband QED using Hyperbolic Metamaterials. , 2013, , .		0
28	Topological Transitions in Metamaterials: QED and Related Effects. , 2013, , .		0
29	Topological Transitions in Metamaterials. Science, 2012, 336, 205-209.	12.6	734
30	Topological Transitions in Metamaterials. , 2012, , .		3
31	Broadband Engineering of Quantum Dot Spontaneous Emission Using Flat Dispersion Metamaterial. , 2011, , .		0
32	Spontaneous emission enhancement using hyperbolic metamaterials. , 2011, , .		0
33	Metamaterial Based Broadband Engineering of Quantum Dot Spontaneous Emission. , 2010, , .		3
34	Photoluminescence modification in self-assembled fluorescent 3D photonic crystals. , 2010, , .		1
35	Photoluminescence Modification in Self-Assembled Fluorescent 3D Photonic Crystals. , 2009, , .		0