

Surendra B Anantharaman

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

465
citations

687363

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all docs

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docs citations

26
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-matter coupling in large-area van der Waals superlattices. <i>Nature Nanotechnology</i> , 2022, 17, 182-189.	31.5	49
2	Squaraine Dye for a Visibly Transparent All-Organic Optical Upconversion Device with Sensitivity at 1000 nm. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11063-11069.	8.0	47
3	Exciton-Photonics: From Fundamental Science to Applications. <i>ACS Nano</i> , 2021, 15, 12628-12654.	14.6	47
4	Direct Optoelectronic Imaging of 2D Semiconductor-3D Metal Buried Interfaces. <i>ACS Nano</i> , 2021, 15, 5618-5630.	14.6	35
5	Processing and conduction behavior of nanocrystalline Gd-doped and rare earth co-doped ceria electrolytes. <i>Electrochimica Acta</i> , 2016, 209, 541-550.	5.2	32
6	Visible light-emitting host-guest electrochemical cells using cyanine dyes. <i>Organic Electronics</i> , 2017, 48, 77-84.	2.6	27
7	Nanomaterials for Quantum Information Science and Engineering. <i>Advanced Materials</i> , 2023, 35, e2109621.	21.0	25
8	Exploiting supramolecular assemblies for filterless ultra-narrowband organic photodetectors with inkjet fabrication capability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14639-14650.	5.5	24
9	Ternary semitransparent organic solar cells with a laminated top electrode. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 68-75.	6.1	19
10	Strongly Red-Shifted Photoluminescence Band Induced by Molecular Twisting in Cyanine (Cy3) Dye Films. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9587-9593.	3.1	19
11	Self-Hybridized Polaritonic Emission from Layered Perovskites. <i>Nano Letters</i> , 2021, 21, 6245-6252.	9.1	18
12	Synthesis, phase stability and conduction behavior of rare earth and transition elements doped barium cerates. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 14487-14495.	7.1	16
13	Enhanced Room-Temperature Photoluminescence Quantum Yield in Morphology Controlled J-Aggregates. <i>Advanced Science</i> , 2021, 8, 1903080.	11.2	16
14	Exciton Dynamics and Effects of Structural Order in Morphology-Controlled J-Aggregate Assemblies. <i>Advanced Functional Materials</i> , 2019, 29, 1806997.	14.9	15
15	Anomalous Room-Temperature Photoluminescence from Nanostrained MoSe ₂ Monolayers. <i>ACS Photonics</i> , 2021, 8, 2220-2226.	6.6	14
16	Insights into photovoltaic properties of ternary organic solar cells from phase diagrams. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 669-682.	6.1	13
17	Effect of sintering atmosphere on densification, redox chemistry and conduction behavior of nanocrystalline Gd-doped CeO ₂ electrolytes. <i>Ceramics International</i> , 2013, 39, 9421-9428.	4.8	12
18	Rare Earth Co-Doped Nanocrystalline Ceria Electrolytes for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFC). <i>ECS Transactions</i> , 2013, 57, 1115-1123.	0.5	11

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19	Role of thermodynamic miscibility gaps in phase selection in sol-gel synthesis of yttrium silicates. Journal of the European Ceramic Society, 2017, 37, 5001-5007.	5.7	10
20	On the Response Speed of Narrowband Organic Optical Upconversion Devices. Advanced Optical Materials, 2022, 10, .	7.3	7
21	Excitonic channels from bio-inspired templated supramolecular assembly of J-aggregate nanowires. Nanoscale, 2019, 11, 6929-6938.	5.6	6
22	Cavity-Enhanced Raman Scattering from 2D Hybrid Perovskites. Journal of Physical Chemistry C, 2022, 126, 11158-11164.	3.1	3
23	Phase evolution and morphology of nanocrystalline $\text{BaCe}_{0.9}\text{Er}_{0.1}\text{O}_{3-\delta}$ proton conducting oxide synthesised by a novel modified solution combustion route. Journal of Physics and Chemistry of Solids, 2015, 87, 80-86.	4.0	0
24	Electron energy loss spectroscopy of sub-10 nm 2D MoS ₂ crystals. Microscopy and Microanalysis, 2021, 27, 1210-1211.	0.4	0