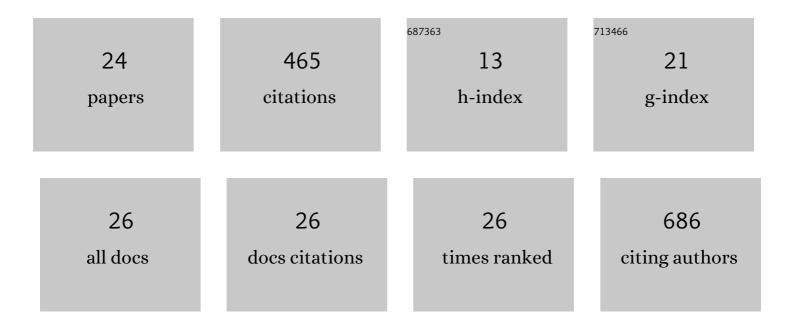
Surendra B Anantharaman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3297000/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Nanomaterials for Quantum Information Science and Engineering. Advanced Materials, 2023, 35, e2109621.	21.0	25
2	Light–matter coupling in large-area van der Waals superlattices. Nature Nanotechnology, 2022, 17, 182-189.	31.5	49
3	On the Response Speed of Narrowband Organic Optical Upconversion Devices. Advanced Optical Materials, 2022, 10, .	7.3	7
4	Cavity-Enhanced Raman Scattering from 2D Hybrid Perovskites. Journal of Physical Chemistry C, 2022, 126, 11158-11164.	3.1	3
5	Enhanced Roomâ€Temperature Photoluminescence Quantum Yield in Morphology Controlled Jâ€Aggregates. Advanced Science, 2021, 8, 1903080.	11.2	16
6	Direct Optoelectronic Imaging of 2D Semiconductor–3D Metal Buried Interfaces. ACS Nano, 2021, 15, 5618-5630.	14.6	35
7	Anomalous Room-Temperature Photoluminescence from Nanostrained MoSe ₂ Monolayers. ACS Photonics, 2021, 8, 2220-2226.	6.6	14
8	Exciton–Photonics: From Fundamental Science to Applications. ACS Nano, 2021, 15, 12628-12654.	14.6	47
9	Self-Hybridized Polaritonic Emission from Layered Perovskites. Nano Letters, 2021, 21, 6245-6252.	9.1	18
10	Electron energy loss spectroscopy of sub-10 nm 2D MoS2 crystals. Microscopy and Microanalysis, 2021, 27, 1210-1211.	0.4	0
11	Excitonic channels from bio-inspired templated supramolecular assembly of J-aggregate nanowires. Nanoscale, 2019, 11, 6929-6938.	5.6	6
12	Exploiting supramolecular assemblies for filterless ultra-narrowband organic photodetectors with inkjet fabrication capability. Journal of Materials Chemistry C, 2019, 7, 14639-14650.	5.5	24
13	Exciton Dynamics and Effects of Structural Order in Morphologyâ€Controlled Jâ€Aggregate Assemblies. Advanced Functional Materials, 2019, 29, 1806997.	14.9	15
14	Squaraine Dye for a Visibly Transparent All-Organic Optical Upconversion Device with Sensitivity at 1000 nm. ACS Applied Materials & Interfaces, 2018, 10, 11063-11069.	8.0	47
15	Insights into photovoltaic properties of ternary organic solar cells from phase diagrams. Science and Technology of Advanced Materials, 2018, 19, 669-682.	6.1	13
16	Ternary semitransparent organic solar cells with a laminated top electrode. Science and Technology of Advanced Materials, 2017, 18, 68-75.	6.1	19
17	Strongly Red-Shifted Photoluminescence Band Induced by Molecular Twisting in Cyanine (Cy3) Dye Films. Journal of Physical Chemistry C, 2017, 121, 9587-9593.	3.1	19
18	Visible light-emitting host-guest electrochemical cells using cyanine dyes. Organic Electronics, 2017, 48. 77-84.	2.6	27

#	Article	IF	CITATIONS
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	Processing and conduction behavior of nanocrystalline Gd-doped and rare earth co-doped ceria electrolytes. Electrochimica Acta, 2016, 209, 541-550.	5.2	32
21	Phase evolution and morphology of nanocrystalline BaCe0.9Er0.1O3â [~] î [~] proton conducting oxide synthesised by a novel modified solution combustion route. Journal of Physics and Chemistry of Solids, 2015, 87, 80-86.	4.0	Ο
22	Synthesis, phase stability and conduction behavior of rare earth and transition elements doped barium cerates. International Journal of Hydrogen Energy, 2014, 39, 14487-14495.	7.1	16
23	Effect of sintering atmosphere on densification, redox chemistry and conduction behavior of nanocrystalline Gd-doped CeO2 electrolytes. Ceramics International, 2013, 39, 9421-9428.	4.8	12
24	Rare Earth Co-Doped Nanocrystalline Ceria Electrolytes for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFC). ECS Transactions, 2013, 57, 1115-1123.	0.5	11