Sudam D Chavhan

List of Publications by Year
in descending order

19	683	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	1572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organo-metal halide perovskite-based solar cells with CuSCN as the inorganic hole selective contact. Journal of Materials Chemistry A, 2014, 2, 12754-12760.	10.3	174
2	Electrodeposition of Antimony Selenide Thin Films and Application in Semiconductor Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 2836-2841.	8.0	113
3	Colloidal PbS and PbSeS Quantum Dot Sensitized Solar Cells Prepared by Electrophoretic Deposition. Journal of Physical Chemistry C, 2012, 116, 16391-16397.	3.1	81
4	Structural evaluations and temperature dependent photoluminescence characterizations of Eu3+-activated SrZrO3 hollow spheres for luminescence thermometry applications. Scientific Reports, 2016, 6, 25787.	3.3	44
5	Passivation of ZnO Nanowire Guests and 3D Inverse Opal Host Photoanodes for Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2014, 4, 1400217.	19.5	37
6	NiO cathodic electrochemical deposition from an aprotic ionic liquid: Building metal oxide nâ€“p heterojunctions. Electrochimica Acta, 2012, 71, 39-43.	5.2	35
7	Low temperature processed NiOx hole transport layers for efficient polymer solar cells. Organic Electronics, 2017, 44, 59-66.	2.6	24
8	Sensitization of p-type NiO Using n-type Conducting Polymers. Journal of Physical Chemistry C, 2010, 114, 19496-19502.	3.1	23
9	Enabling High-Efficiency Organic Light-Emitting Diode with Trifunctional Solution-Processable Copper(I) Thiocyanate. Journal of Physical Chemistry C, 2018, 122, 18836-18840.	3.1	22
10	Nanomorphology influence on the light conversion mechanisms in highly efficient diketopyrrolopyrrole based organic solar cells. Organic Electronics, 2013, 14, 326-334.	2.6	21
11	Investigation of charge-transporting layers for high-efficiency organic light-emitting diode. Journal Physics D: Applied Physics, 2018, 51, 454002.	2.8	21
12	Fluorene based amorphous hole transporting materials for solution processed organic light-emitting diodes. Organic Electronics, 2020, 79, 105633.	2.6	20
13	High efficiency color-temperature tunable organic light-emitting diode. Journal of Materials Chemistry C, 2019, 7, 15322-15334.	5.5	18
14	Short Alkyl Chain Engineering Modulation on Naphthalene Flanked Diketopyrrolopyrrole toward Highâ€Performance Single Crystal Transistors and Organic Thin Film Displays. Advanced Electronic Materials, 2021, 7, 2000804.	5.1	18
15	Naphthalimide end-capped diphenylacetylene: a versatile organic semiconductor for blue light emitting diodes and a donor or an acceptor for solar cells. New Journal of Chemistry, 2019, 43, 9243-9254.	2.8	15
16	Pseudo-sunlight organic light-emitting diodes. Optics and Laser Technology, 2019, 112, 494-499.	4.6	6
17	Liquid Exfoliation of Decagonal Quasicrystals and Its Light Outâ€Coupling Performance in Organic Lightâ€Emitting Devices. Advanced Photonics Research, 2020, 1, 2000042.	3.6	4
18	Modification effect of hole injection layer on efficiency performance of wet-processed blue organic light emitting diodes. Organic Electronics, 2021, 92, 106084.	2.6	4

#	Article	IF	Citations
19	Back Migration Based Long Lifetime Approach for Organic Lightâ€Emitting Diode. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800390.	1.8	3