

Sudam D Chavhan

List of Publications by Year in descending order

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19
papers

683
citations

623734

14
h-index

794594

19
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19
all docs

19
docs citations

19
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Short Alkyl Chain Engineering Modulation on Naphthalene Flanked Diketopyrrolopyrrole toward High-Performance Single Crystal Transistors and Organic Thin Film Displays. <i>Advanced Electronic Materials</i> , 2021, 7, 2000804.	5.1	18
2	Modification effect of hole injection layer on efficiency performance of wet-processed blue organic light emitting diodes. <i>Organic Electronics</i> , 2021, 92, 106084.	2.6	4
3	Fluorene based amorphous hole transporting materials for solution processed organic light-emitting diodes. <i>Organic Electronics</i> , 2020, 79, 105633.	2.6	20
4	Liquid Exfoliation of Decagonal Quasicrystals and Its Light Out-Coupling Performance in Organic Light-Emitting Devices. <i>Advanced Photonics Research</i> , 2020, 1, 2000042.	3.6	4
5	Naphthalimide end-capped diphenylacetylene: a versatile organic semiconductor for blue light emitting diodes and a donor or an acceptor for solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 9243-9254.	2.8	15
6	High efficiency color-temperature tunable organic light-emitting diode. <i>Journal of Materials Chemistry C</i> , 2019, 7, 15322-15334.	5.5	18
7	Back Migration Based Long Lifetime Approach for Organic Light-Emitting Diode. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800390.	1.8	3
8	Pseudo-sunlight organic light-emitting diodes. <i>Optics and Laser Technology</i> , 2019, 112, 494-499.	4.6	6
9	Investigation of charge-transporting layers for high-efficiency organic light-emitting diode. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 454002.	2.8	21
10	Enabling High-Efficiency Organic Light-Emitting Diode with Trifunctional Solution-Processable Copper(I) Thiocyanate. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18836-18840.	3.1	22
11	Low temperature processed NiOx hole transport layers for efficient polymer solar cells. <i>Organic Electronics</i> , 2017, 44, 59-66.	2.6	24
12	Structural evaluations and temperature dependent photoluminescence characterizations of Eu ³⁺ -activated SrZrO ₃ hollow spheres for luminescence thermometry applications. <i>Scientific Reports</i> , 2016, 6, 25787.	3.3	44
13	Passivation of ZnO Nanowire Guests and 3D Inverse Opal Host Photoanodes for Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400217.	19.5	37
14	Organo-metal halide perovskite-based solar cells with CuSCN as the inorganic hole selective contact. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12754-12760.	10.3	174
15	Electrodeposition of Antimony Selenide Thin Films and Application in Semiconductor Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2836-2841.	8.0	113
16	Nanomorphology influence on the light conversion mechanisms in highly efficient diketopyrrolopyrrole based organic solar cells. <i>Organic Electronics</i> , 2013, 14, 326-334.	2.6	21
17	Colloidal PbS and PbSeS Quantum Dot Sensitized Solar Cells Prepared by Electrophoretic Deposition. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16391-16397.	3.1	81
18	NiO cathodic electrochemical deposition from an aprotic ionic liquid: Building metal oxide n-p heterojunctions. <i>Electrochimica Acta</i> , 2012, 71, 39-43.	5.2	35

#	ARTICLE	IF	CITATIONS
19	Sensitization of p-type NiO Using n-type Conducting Polymers. Journal of Physical Chemistry C, 2010, 114, 19496-19502.	3.1	23