

Janardan Kundu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

858
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Modulation of the Structure and Luminescence Properties of Zero-Dimensional Manganese Halide Hybrids through Structure-Directing Metal-Ion (Cd ²⁺ and Tl ⁺)	10.784314	10750
2	The metal halide structure and the extent of distortion control the photo-physical properties of luminescent zero dimensional organic-antimony (Sb ^{III}) halide hybrids. Journal of Materials Chemistry C, 2021, 9, 348-358.	5.5	42
3	Low Dimensional, Broadband, Luminescent Organic-Inorganic Hybrid Materials for Lighting Applications. European Journal of Inorganic Chemistry, 2021, 2021, 4508-4520.	2.0	21
4	Lead-free zero dimensional tellurium (Te ^{IV}) chloride-organic hybrid with strong room temperature emission as a luminescent material. Journal of Materials Chemistry C, 2021, 9, 4351-4358.	5.5	25
5	Synergistic electronic coupling/cross-talk between the isolated metal halide units of zero dimensional heterometallic (Sb, Mn) halide hybrid with enhanced emission. Journal of Materials Chemistry C, 2021, 10, 360-370.	5.5	8
6	Ligand Structure Directed Dimensionality Reduction (2D → 1D) in Lead Bromide Perovskite. Journal of Physical Chemistry C, 2020, 124, 1888-1897.	3.1	11
7	Efficient Broad-Band Emission from Contorted Purely Corner-Shared One Dimensional (1D) Organic Lead Halide Perovskite. Chemistry of Materials, 2019, 31, 2253-2257.	6.7	80
8	Temperature-Dependent Photoluminescence and Energy-Transfer Dynamics in Mn ²⁺ -Doped (CH ₃ NH ₃) ₂ PbBr ₄ Two-Dimensional (2D) Layered Perovskite. Journal of Physical Chemistry C, 2019, 123, 4739-4748.	3.1	52
9	Synthetic Control on Structure/Dimensionality and Photophysical Properties of Low Dimensional Organic Lead Bromide Perovskite. Inorganic Chemistry, 2018, 57, 13443-13452.	4.0	31
10	Colloidal Mn ²⁺ Doped 2D (n = 1) Lead Bromide Perovskites: Efficient Energy Transfer and Role of Anion in Doping Mechanism. ChemistrySelect, 2018, 3, 6585-6595.	1.5	20
11	A galvanic replacement-based Cu ₂ O self-templating strategy for the synthesis and application of Cu ₂ O@Ag heterostructures and monometallic (Ag) and bimetallic (Au@Ag) hollow mesocages. CrystEngComm, 2017, 19, 1669-1679.	2.6	16
12	Efficient Exciton to Dopant Energy Transfer in Mn ²⁺ -Doped (CH ₃ NH ₃) ₂ PbBr ₄ Two-Dimensional (2D) Layered Perovskites. Chemistry of Materials, 2017, 29, 7816-7825.	6.7	133
13	Facile Synthesis and Self-Cleaning Application of Bimetallic (CuSn, CuNi) Dendrites. ChemistrySelect, 2017, 2, 5552-5563.	1.5	0
14	Solution chemistry-based nano-structuring of copper dendrites for efficient use in catalysis and superhydrophobic surfaces. RSC Advances, 2016, 6, 8416-8430.	3.6	19
15	Surface enhanced infrared absorption (SEIRA) spectroscopy on nanoshell aggregate substrates. Chemical Physics Letters, 2008, 452, 115-119.	2.6	210
16	Plasmonic Nanoshell Arrays Combine Surface-Enhanced Vibrational Spectroscopies on a Single Substrate. Angewandte Chemie - International Edition, 2007, 46, 9040-9044.	13.8	176