Chandresh Kumar Rastogi

List of Publications by Year
in descending order

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17 papers	245 citations	1040056 9 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	365 citing authors

#	Article	IF	Citations
1	Homodinuclear lanthanide {Ln₂} (Ln = Gd, Tb, Dy, Eu) complexes prepared from an o-vanillin based ligand: luminescence and single-molecule magnetism behavior. Dalton Transactions, 2015, 44, 4328-4340.	3.3	71
2	Solvent effects leading to a variety of different 2D structures in the self-assembly of a crystalline-coil block copolymer with an amphiphilic corona-forming block. Chemical Science, 2020, 11, 4631-4643.	7.4	26
3	Dopant Induced Stabilization of Metastable Zircon-Type Tetragonal LaVO₄. Journal of Physical Chemistry C, 2017, 121, 16501-16512.	3.1	25
4	Kinetically stabilized aliovalent europium-doped magnesium oxide as a UV sensitized phosphor. Physical Chemistry Chemical Physics, 2015, 17, 4600-4608.	2.8	19
5	White light from dispersible lanthanide-doped LaVO4 coreâ€“shell nanoparticles. RSC Advances, 2012, 2, 12231.	3.6	15
6	Functionalization of Cellulose Nanocrystals with POEGMA Copolymers via Copper-Catalyzed Azideâ€“Alkyne Cycloaddition for Potential Drug-Delivery Applications. Biomacromolecules, 2020, 21, 2014-2023.	5.4	14
7	Influence of Cubic-to-Hexagonal-Phase Transformation on the Uniformity of NaLnF₄ (Ho,) Tj ETQq1 1 0.784314 rgBT /Ove	6.7	12
8	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. Macromolecules, 2020, 53, 6576-6588.	4.8	11
9	Terbium Ion-Mediated Energy Transfer in WO₃:Tb³⁺ and Eu³⁺ Phosphors for UV-Sensitized White Light Emission. Journal of Physical Chemistry C, 2021, 125, 6163-6175.	3.1	11
10	All Precursors Are Not Equal: Morphology Control via Distinct Precursorâ€“Facet Interactions in Eu³⁺-Doped NaLa(WO₄)₂. Crystal Growth and Design, 2019, 19, 3945-3954.	3.0	9
11	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. Chemical Communications, 2020, 56, 4595-4598.	4.1	8
12	Lanthanide ion induced phase decomposition of tetragonal CaWO4. Materials Research Bulletin, 2019, 113, 133-140.	5.2	6
13	Desorption retarded optically complemented multiple dye-sensitized photoelectrochemical water splitting system with enhanced performance. International Journal of Hydrogen Energy, 2016, 41, 10727-10736.	7.1	5
14	Influence of the Sodium Precursor on the Cubic-to-Hexagonal Phase Transformation and Controlled Preparation of Uniform NaNdF₄ Nanoparticles. Langmuir, 2021, 37, 2146-2152.	3.5	5
15	Comparative study on photo and electroluminescence properties of Cu-doped ZnS. Physica B: Condensed Matter, 2022, 640, 414054.	2.7	5
16	Effect of Excess Ligand on the Reverse Microemulsion Silica Coating of NaLnF₄ Nanoparticles. Langmuir, 2022, 38, 3316-3326.	3.5	3
17	Up-Converting Lanthanide Ions Doped Fluoride Nanophosphors: Advances from Synthesis to Applications. Indian Institute of Metals Series, 2021, , 159-211.	0.3	0