

Saptasree Bose

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

319
citations

933264

10
h-index

839398

18
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19
all docs

19
docs citations

19
times ranked

470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Efficient near infrared to visible light upconversion from Er/Yb codoped PVDF fibrous mats synthesized using a direct polymer doping technique. <i>Optical Materials</i> , 2022, 123, 111866. | 1.7 | 6 |
| 2 | Bright and persistent green and red light-emitting fine fibers: A potential candidate for smart textiles. <i>Journal of Luminescence</i> , 2021, 231, 117760. | 1.5 | 11 |
| 3 | Ultra-small amorphous MoS ₂ decorated reduced graphene oxide for supercapacitor application. <i>Journal of Materials Science and Technology</i> , 2020, 40, 196-203. | 5.6 | 49 |
| 4 | Crystal Chemistry, Band-Gap Red Shift, and Electrocatalytic Activity of Iron-Doped Gallium Oxide Ceramics. <i>ACS Omega</i> , 2020, 5, 104-112. | 1.6 | 45 |
| 5 | In Situ Doping-Enabled Metal and Nonmetal Codoping in Graphene Quantum Dots: Synthesis and Application for Contaminant Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16565-16576. | 3.2 | 32 |
| 6 | White light emission from single dye incorporated metal organic framework. <i>Optical Materials</i> , 2020, 100, 109706. | 1.7 | 16 |
| 7 | A green luminescent MoS ₂ @CdTe hybrid nanostructure synthesized through surface charge interaction. <i>Nanoscale Advances</i> , 2019, 1, 1853-1863. | 2.2 | 11 |
| 8 | Water-Ethylene Glycol Mediated Synthesis of Silver Nanoparticles for Conductive Ink. <i>Materials Today: Proceedings</i> , 2018, 5, 9941-9947. | 0.9 | 6 |
| 9 | Defect induced photoluminescence in MoS ₂ quantum dots and effect of Eu ³⁺ /Tb ³⁺ co-doping towards efficient white light emission. <i>Optical Materials</i> , 2018, 79, 12-20. | 1.7 | 22 |
| 10 | Pure white light emission from a rare earth-free intrinsic metal-organic framework and its application in a WLED. <i>Journal of Materials Chemistry C</i> , 2018, 6, 614-621. | 2.7 | 53 |
| 11 | Nickel-Doped Silver Sulfide: An Efficient Air-Stable Electrocatalyst for Hydrogen Evolution from Neutral Water. <i>ACS Omega</i> , 2018, 3, 17070-17076. | 1.6 | 18 |
| 12 | Synthesis and Characterization of ZnO Microfiber By Electrospinning Technique. <i>Materials Today: Proceedings</i> , 2018, 5, 9860-9865. | 0.9 | 5 |
| 13 | A newly developed-nanocrystals (ZnO and PbO) bearing silicate phosphor that emits strong bluish white-light. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1. | 1.1 | 1 |
| 14 | Optical characterization of Tm ³⁺ in a high barium-tellurite glass in absence and presence of Yb ³⁺ : Evidence of strong crystal-field effect and efficient Yb ³⁺ →Tm ³⁺ energy transfer. <i>Journal of Luminescence</i> , 2016, 169, 782-787. | 1.5 | 8 |
| 15 | A comprehensive phononics of phonon assisted energy transfer in the Yb ³⁺ aided upconversion luminescence of Tm ³⁺ and Ho ³⁺ in solids. <i>Journal of Luminescence</i> , 2015, 161, 103-109. | 1.5 | 6 |
| 16 | Strong crystal-field effect and efficient phonon assisted Yb ³⁺ →Tm ³⁺ energy transfer in a (Yb ³⁺ /Tm ³⁺) co-doped high barium-tellurite glass. <i>Journal of Luminescence</i> , 2014, 155, 210-217. | 1.5 | 10 |
| 17 | Ho ³⁺ ion in a (Ba, La)-tellurite glass: Strong $\lambda_{em} \approx 1.42 \mu m$ NIR emission and Yb ³⁺ aided efficient NIR to vis upconversion. <i>Optical Materials</i> , 2013, 36, 221-227. | 1.7 | 16 |
| 18 | Single-walled carbon nanotube/(Pb, Zn)-phosphate glass heterostructure: an optical sensor and efficient photocurrent converter. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 325106. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Color tunable aerogels/sponge-like structures developed from fine fiber membranes. Materials Advances, 0, , . | 2.6 | 1 |