

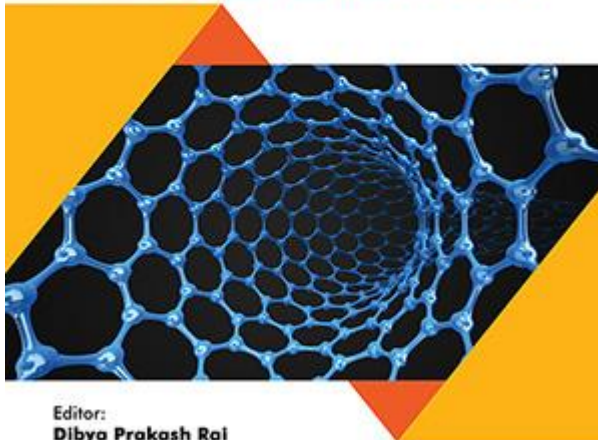
Dr. Anjali Oudhia

List of publication 2022-23

1. Optical, morphological and electrical studies of fully doctor bladed CsPbBr₂Cl-based perovskite thin films, Microelectronic Engineering, Volume 258, 1 April 2022, 111757; A Chauhan, AK Shrivastav, A Oudhia - Microelectronic Engineering, 2022 – Elsevier
2. Synthesis and characterization of ambient-processed FTO/ZnO/CsPbBr₂Cl/C perovskite solar cell deposited by SILAR method, A Chauhan, A Oudhia, AK Shrivastav, Optical Materials, Volume 130, August 2022, 112575
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3. Analysis of eco-friendly tin-halide Cs₂SnI₆-based perovskite solar cell with all-inorganic charge selective layers, Journal of Materials Science: Materials in Electronics volume 33, pages1670–1685 (2022)springer
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4. Computational simulation-based study of novel ZnO Buckyball structures
S Sharma, A Oudhia, AK Shrivastav... Journal of Molecular Graphics and Modelling
Volume 116, November 2022, 108241,
<https://doi.org/10.1016/j.jmgm.2022.108241>
5. The impact of excessive ethanol on synthesis and characterization of Zinc oxide nanoparticles, Journal of Crystal Growth, A Chauhan, AK Shrivastav, A Oudhia
Volume 591, 1 August 2022, 126718,
<https://doi.org/10.1016/j.jcrysgro.2022.126718>
6. Ab Initio investigation on interaction of Zig-zag graphene nanoribbon and ZnO buckyball, S Sharma, AK Shrivastav, A Oudhia, Journal of The Institution of Engineers (India): Series E volume 103, pages149–156 (2022)
7. Boosting the Power Conversion efficiency of CsPb_{0.75}Sn_{0.25}Br₂ Alloy-based Perovskite Solar Cell with Charge Transport Layer Mg: SnO₂: A Theoretical Study
AK Shrivastav, A Oudhia – IJRISE VOL. 2 NO. 03 (2022): APRIL-MAY 2022,
<https://doi.org/10.55529/ijrise.23.48.60>
8. Synthesis and characterization of ambient-processed all-inorganic perovskite CsPbBr₂Cl micro-crystals and rods, Asha Chauhan, A. K. Shrivastav & Anjali Oudhia, Chemical Papers volume 76, pages 5023–5032 (2022)
9. Book Chapter, title: 'The Advancement in Research and Technology with New Kinds of Hollow Structures'; S Sharma, AK Shrivastava, A Oudhia, Chapter II, Advanced materials and Nano systems, 2022, pp 213-233, Bantham books Publication, ISBN: 978-981-5050-75-2 (Print)ISBN: 978-981-5050-74-5 (Online)

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