

Research Papers(Journals: 112, Conf. Proc.: 24, Citations: 2749, h-index:30, i-index:61):

Total impact factor: 408.3, average impact factor: 3.65

*Journals: (*corresponding author or mentor of the first or corresponding author)*

1. R. Sharma, S. Chuhadiya, Kamlesh, Himanshu, **M. S. Dhaka**, CdZnTe thin films as proficient absorber layer candidates in solar cell devices: a review, Energy Advances (RSC) In press (2023) DOI: <https://doi.org/10.1039/d3ya00120b>
2. R. Agarwal, Himanshu, C. Ameta , **M.S. Dhaka**, Assessment of thermal annealing on structural, electrical, optical and surface topographical features of titania films for solar cells, Journal of Materials Science: Materials in Electronics (Springer, Impact Factor: 2.8) 34 (2023) 1974.
3. Himanshu, Kamlesh , D. Suthar , **M.S. Dhaka**, Numerical simulation of CdSe/ZnTe thin film solar cells by SCAPS-1D: Optimization of absorber layer thickness, Solid State Communications (Elsevier, Impact Factor: 2.1) 371 (2023) 115264.
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5. Himanshu, G. Chasta, A. Thakur, **M.S. Dhaka***, Unveiling the influence of Zn dopant concentration on physical properties of cadmoselite films for absorber layer photovoltaic applications, Physica B: Condensed Matters (Elsevier, Impact Factor: 2.8) 371 (2023) 115264.
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11. G. Chasta, **M.S. Dhaka***, A comparative study of TiO₂ doped and undoped yttria stabilized zirconia thin films for solid oxide fuel cell application, *Journal of Solid State Electrochemistry* (Springer, Impact Factor: 2.5) In press (2023).
12. S. Chuhadiya, R. Sharma, Himanshu, **M.S. Dhaka***, Concentration and LBL cycle evolution to the Cu-BTC metal organic framework: Optimization as functional layer to the solar cell devices, *Solar Energy* (Elsevier, Impact Factor: 6.7) 253 (2023) 175-186.
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