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AUTHOR'S RELEVANT PUBLICATIONS

Journals:

1. **Amit Kumar**, Smrity Ratan, Deepak Kumar Jarwal, Ashwini Kumar Mishra, Chandan Kumar, Abhinav Pratap Singh Bratindranath Mukherjee, and Satyabrata Jit, "Effect of PQT-12 interface layer on the performance of PCDTBT:PCBM bulk heterojunction solar cells," *Material Research Express*, vol. 6, no. 11, 115514, 2019.
2. **Amit Kumar**, Deepak Kumar Jarwal, Ashwini Kumar Mishra, Smrity Ratan, Chandan Kumar, Rishibrind Kumar Upadhyay, Bratindranath Mukherjee, and Satyabrata Jit, "Effects of HTL and ETL Thicknesses on the Performance of PQT-12/PCDTBT:PC₆₁BM/ZnO QDs Solar Cells," *IEEE Photonics Technology Letters*, vol. 32, no. 12, pp. 677-680, 2020.
3. **Amit Kumar**, Deepak Kumar Jarwal, Ashwini Kumar Mishra, Smrity Ratan, Chandan Kumar, Deep Chandra Upadhyay, Bratindranath Mukherjee and Satyabrata Jit, "Synergistic Effect of CdSe Quantum Dots (QDs) and PC₆₁BM on Ambient-Air Processed ZnO QDs/PCDTBT:PC₆₁BM:CdSe QDs/MoO₃ Based Ternary Organic Solar Cells," *Nanotechnology*, vol. 31, no. 46, 465404, 2020.

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Kolkata, India, 2019