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APPENDIX

I. List of Papers

- 1) Luminescent down-shifting natural dyes to enhance photovoltaic efficiency of multicrystalline silicon solar module- Solar Energy 206 (2020) 353–364, <https://doi.org/10.1016/j.solener.2020.05.067>-

PUBLISHED

- 2) Direct internal cooling of a crystalline silicon photovoltaic module: model development and experimental validation- Solar Energy- 264 (2023) 11980, <https://doi.org/10.1016/j.solener.2023.111980>-

PUBLISHED

II. List of Conference

- 1) Soft Template Assisted Synthesis of Mesoporous TiO₂ nanoparticle with Enhanced Surface Area employing ethyl cellulose as template- ASREEM, 2021.