

Copper chalcopyrites for solar energy applications

Mandati, Sreekanth; Misra, Prashant; Sarada, Bulusu V.; Rao, Tata Naransinga Transactions of the Indian Institute of Metals 2019 / p. 271–288 : ill <https://doi.org/10.1007/s12666-018-1455-0>

Cost-effective synthesis of electrodeposited NiCo₂O₄ nanosheets with induced oxygen vacancies : a highly efficient electrode material for hybrid supercapacitors

Pappu, Samhita; Nanaji, Katchala; **Mandati, Sreekanth**; Rao, Tata Naransinga; **Martha, Surendra K.**; **Bulusu, Sarada V.** Batteries and supercaps 2020 / p. 1209– 1219 <https://doi.org/10.1002/batt.202000121>

Economic pulse electrodeposition for flexible CuInSe(2)solar cells

Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Rao, Tata Naransinga; Sarada, Bulusu V. Materials for renewable and sustainable energy 2020 / art. 19, 6 p. : ill <https://doi.org/10.1007/s40243-020-00177-3>

A multi-layer Cu:Ga/In sputtered precursor to improve structural properties of CIGS absorber layer

Misra, Prashant; **Mandati, Sreekanth**; Rao, Tata Naransinga; Sarada, Bulusu V. Materials today: proceedings 2021 / p. 2037-2041 : ill <https://doi.org/10.1016/j.matpr.2020.09.545>

A non-vacuum dip coated SiO₂ interface layer for fabricating CIGS solar cells on stainless steel foil substrates

Misra, Prashant; Atchuta, S. R.; **Mandati, Sreekanth**; Sarada, Bulusu V.; Rao, Tata Naransinga; Sakthivel, S. Solar energy 2021 / p. 471–477 : ill <https://doi.org/10.1016/j.solener.2020.12.007>

Rapid assessment of photovoltaic activity of perovskite solar cells by photoluminescence spectroscopy

Dileep, K. Reshma; **Mandati, Sreekanth**; **Ramasamy, Easwaramoorthi**; **Mallick, S**; Rao, Tata Naransinga; **Veerappan, Ganapathy** Materials letters 2021 / art. 130056, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130056>