

**Control over MoSe<sub>2</sub> formation with vacuum-assisted selenization of one-step electrodeposited Cu-In-Ga-Se precursor layers**

**Mandati, Sreekanth;** Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Environmental science and pollution research 2021 / p. 15123-15129 : ill <https://doi.org/10.1007/s11356-020-11783-z>

**Economic pulse electrodeposition for flexible CuInSe<sub>2</sub> 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>

**Growth mechanism of pulse electrodeposited cadmium sulfide and zinc sulfide thin films with tartaric acid and glycerol as additives**

Boosagulla, Divya; **Mandati, Sreekanth;** Allikayala, Ramachandraiah; Sarada, Bulusu V. Thin Solid Films 2022 / art. #139011 <https://doi.org/10.1016/j.tsf.2021.139011>

**Pulse electrodeposited zinc sulfide as an eco-friendly buffer layer for the cadmium-free thin-film solar cells**

Boosagulla, Divya; **Mandati, Sreekanth;** Misra, Prashant; Allikayala, Ramachandraiah; Sarada, Bulusu V. Superlattices and microstructures 2021 / art. 107060 <https://doi.org/10.1016/j.spmi.2021.107060>

**Solar energy harvesting through photovoltaic and photoelectrochemical means from appositely prepared CuInGaSe<sub>2</sub> absorbers on flexible substrates by a low-cost and industrially benign pulse electrodeposition technique**

**Mandati, Sreekanth;** Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Industrial and engineering chemistry research 2021 / p. 2197–2205 <https://doi.org/10.1021/acs.iecr.0c05934>