

Asjade interneti levikule töötavad anda hoogu erilised päikesepaneelid

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Assessment of mixed energy storage system considering high spatial resolution data from a real PV installation

Rogowski, Szymon; Hasan, Sayeed; Chub, Andrii; Sibinski, Maciej 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737964>

Formation and characterization of stable TiO₂/Cu₂O-based solar cells

Wisn, Grzegorz; Sawicka-Chudy, Paulina; **Sibinski, Maciej**; Yavorskyi, Rostyslav; Łabuz, Mirosław; Ploch, Dariusz; Bester, Mariusz Materials 2023 / art. 5683, 15 p. : ill <https://doi.org/10.3390/ma16165683> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of blocking layers based on TiO₂ and ZnO prepared via direct current reactive magnetron sputtering on DSSC solar cells

Sibinski, Maciej; Sawicka-Chudy, Paulina; Wisn, Grzegorz; Gnida, Paweł; Schab-Balcerzak, Ewa; Wal, Andrzej; Yavorskyi, Rostyslav; Cholewa, Marian Scientific reports 2024 / art. 10676 <https://doi.org/10.1038/s41598-024-61512-6>

Kleenukesed päikeseelemendid aitaks vältida ränipaneele ootavat kriisi

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Perovskite QDs embedded in polymer as a wavelength-shifting layer for UV-sensitized silicon sensors

Sosna-Glebska, Aleksandra; Rezek, Bohuslav; Ukrainsev, Egor; **Sibinski, Maciej** Journal of luminescence 2024 / art. 120618 <https://doi.org/10.1016/j.jlumin.2024.120618>

Power optimized PV microinstallation in the field condition tests

Sibinski, Maciej; Rogowski, Szymon 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 5 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604366>

Sb₂S₃ solar cells with TiO₂ electron transporting layers synthesized by ALD and USP methods

Dedova, Tatjana; Krautmann, Robert; Rusu, Marin; Katerski, Atanas; Krunks, Malle; Unold, Thomas; Spalatu, Nicolae; Mere, Arvo; Sydorenko, Jekaterina; Sibinski, Maciej; Oja Acik, Ilona Solar energy materials and solar cells 2025 / art. 113279 <https://doi.org/10.1016/j.solmat.2024.113279>

Solar cells from TalTech to upsurge Internet of Things expansion

Sibinski, Maciej news.err.ee 2024 [Solar cells from TalTech to upsurge Internet of Things expansion](#)

Textile-integrated conductive layers for flexible semiconductor-based photovoltaic structures

Czarnecki, Przemysław; Szudziel, Bartosz; Janczak, Daniel; Ruta, Lukasz; **Sibinski, Maciej**; Znajdek, Katarzyna Energies 2024 / art. 3839 <https://doi.org/10.3390/en17153839>

Uue põlvkonna päikesepaneelid muudavad kodu päikeseptareiks

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Uued inimesed ja positsioonid

Kiigema, Kadri; Sibinski, Maciej; Bauk, Sanja; Kujala, Pentti Jouko Sakari; Levo, Anu-Mai; Vaimann, Toomas Mente et Manu 2023 / lk. 44-47 : fot https://www.ester.ee/record=b1242496*est

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