

Design and manufacturing of composite laminates with structural health monitoring capabilities

Herranen, Henrik; Majak, Jüri; Tšukrejev, Pavel; Karjust, Kristo; Märten, Olev *Procedia CIRP* 2018 / p. 647-652 : ill
<https://doi.org/10.1016/j.procir.2018.03.128> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental evaluation and numerical modelling of the quality of photovoltaic modules

Tšukrejev, Pavel; Karjust, Kristo; Majak, Jüri *Proceedings of the Estonian Academy of Sciences* 2021 / p. 477-483 : ill
<https://doi.org/10.3176/proc.2021.4.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implementation of a knowledge-based manufacturing on the example of Sumar Tools OÜ

Kruuser, Kaarel; Riives, Jüri; Tšukrejev, Pavel; Kioline, Indrek *Proceedings of the Estonian Academy of Sciences* 2019 / p. 407-412 : ill http://www.kirj.ee/32741/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Material characterization for laminated glass composite panel

Väer, Kaur; Anton, Johan; Klauson, Aleksander; Eerme, Martin; Õunapuu, Erko; Tšukrejev, Pavel *Journal of achievements in materials and manufacturing engineering* 2017 / p. 11-17 <https://doi.org/10.5604/01.3001.0010.2032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Partii päikesepaneele võib hukka minna ka paari liigse soojakraadiga

Harrik, Airika *novaator.err.ee* 2023 [Partii päikesepaneele võib hukka minna ka paari liigse soojakraadiga](#)

Photovoltaic modules, design and manufacturing = Fotoelektrilised moodulid, disain ja tootmine

Tšukrejev, Pavel 2023 <https://doi.org/10.23658/taltech.45/2023> <https://digikogu.taltech.ee/et/Item/a5fe0434-e0d3-4bec-9a61-4444d3d51901>
https://www.ester.ee/record=b5574956*est

Production monitoring system development for manufacturing processes of photovoltaic modules

Tšukrejev, Pavel; Kruuser, Kaarel; Karjust, Kristo *Proceedings of the Estonian Academy of Sciences* 2019 / p. 401-406 : ill
<https://doi.org/10.3176/proc.2019.4.09> http://www.kirj.ee/32721/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quality of photovoltaic modules, experimental evaluation and mathematical modelling

Tšukrejev, Pavel; Karjust, Kristo; Majak, Jüri *IOP conference series : materials science and engineering* 2021 / art. 012044, 7 p. : ill
<https://doi.org/10.1088/1757-899X/1140/1/012044>

Real-time monitoring of solar modules manufacturing

Tšukrejev, Pavel; Kruuser, Kaarel; Gorbachev, Georgy; Karjust, Kristo; Majak, Jüri *International journal of engineering research in Africa* 2020 / p. 9-13 <https://doi.org/10.4028/www.scientific.net/JERA.51.9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)