

Additive manufacturing of Mo-Mo(x)S(x+1) functional structures : engineering and electrochemical applications = Lisandustehnoloogia teel valmistatud Mo-Mo(x)S(x+1) funktsionaalsed struktuurid inseneri- ja elektrokeemilistele rakendustele

Alinejadian, Navid 2022 <https://doi.org/10.23658/taltech.43/2022> <https://digikogu.taltech.ee/et/Item/636a0175-ae97-4a28-a2a1-c3b75c7c1eb6> https://www.ester.ee/record=b5511559*est

Determination of carcinoembryonic antigen as a tumor marker using a novel graphene-based label-free electrochemical immunosensor

Jozghorbani, Maryam; Fathi, Mojtaba; Kazemi, Sayed Habib; **Alinejadian, Navid** Analytical biochemistry 2021 / art. 114017 <https://doi.org/10.1016/j.ab.2020.114017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrochemical merits of selective laser melted Mo/MoS₂ composite in aqueous solutions

Alinejadian, Navid; Kazemi, Sayed Habib; **Kollo, Lauri**; **Grossberg-Kuusk, Maarja**; Odnevall, Inger Charlotta; **Prashanth, Konda Gokuldoss** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 7 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Electro-deposited nano-Ni/reduced graphene oxide composite film of corrugated surface for high voltammetric sensitivity

Alinejadian, Navid; Kazemi, Sayed Habib; Nasirpour, Farzad; Odnevall, Inger Charlotta Materials chemistry and physics 2023 / art. 127288, 8 p. : ill <https://doi.org/10.1016/j.matchemphys.2022.127288>

The galvanostatic co-deposition of 3D-grown Ni-rGO nanocomposite : redox enhancement through reduction, texture, and morphology : oral presentation

Alinejadian, Navid; Nasirpour, Farzad Graphene Summit 2021 : Global Virtual Summit on Carbon, Graphene, 0D, 1D, and 2D materials, July 22-23, 2021, Beaverton, Oregon, United States of America : online 2021 / p. 2 <https://re.public.polimi.it/retrieve/handle/11311/1180988/644510/Global%20virtual%20summit%20on%20Carbon%2C%20graphene%20...%20-%2022-23.07.2021%20-%20Program.pdf>

Importance of the micro-lattice structure of selective laser melting processed Mo/Mo(x)S(x+1) composite: Corrosion studies on the electrochemical performance in aqueous solutions

Alinejadian, Navid; Kazemi, Sayed Habib; **Grossberg-Kuusk, Maarja**; **Kollo, Lauri**; Odnevall, Inger Charlotta; **Prashanth, Konda Gokuldoss** Materials today chemistry 2022 / art. 101219 <https://doi.org/10.1016/j.mtchem.2022.101219> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Progress in additive manufacturing of MoS₂-based structures for energy storage applications – a review

Alinejadian, Navid; **Kollo, Lauri**; Odnevall Wallinder, Inger Materials science in semiconductor processing 2022 / 21 p. : ill <https://doi.org/10.1016/j.mssp.2021.106331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reduction-based engineering of three-dimensional morphology of Ni-rGO nanocomposite

Alinejadian, Navid; Nasirpour, Farzad; Yus, Joaquin; Ferrari, Begona Materials Science and Engineering : B 2021 / art. 115259 <https://doi.org/10.1016/j.mseb.2021.115259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of commercially pure molybdenum by laser rescanning

Alinejadian, Navid; Wang, Pei; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2023 / p. 785-791 <https://doi.org/10.1089/3dp.2021.0265>

SLM-processed MoS₂/MoS₃ nanocomposite for energy conversion/storage applications

Alinejadian, Navid; Kazemi, Sayed Habib; Odnevall Wallinder, Inger Scientific reports 2022 / art. 5030 <https://doi.org/10.1038/s41598-022-08921-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D printing of pure molybdenum structures by Selective Laser Melting (SLM)

Alinejadian, Navid; **Prashanth, Konda Gokuldoss**; **Kollo, Lauri** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 14 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>