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

Additive manufacturing of TiC-based cermets with Fe-based binders using novel laser scan techniques = Titaankarbiidsete Fe-baasil sideainega kermiste valmistamine uudse laserskaneeriva kihtlisandustehnoloogia teel
Maurya, Himanshu Singh 2023 https://doi.org/10.23658/taltech.61/2023 https://digikogu.taltech.ee/et/Item/3dad7b12-4a7a-4c9d-8162-30388c52bf5e https://www.ester.ee/record=b5645217*est

Atypical phase-change alloy Ga2Te3 : atomic structure, incipient nanotectonic nuclei, multilevel writing
Tverjanovich, Andrey; Khomenko, Maksym; Benmore, Chris; **Bereznev, Sergei**; Sokolov, Anton; Fontanari, Daniele; Kiselev, Aleksei; Lotin, Andrey; Bychkov, Eugene Journal of materials chemistry C 2021 / p. 17019-17032 https://doi.org/10.1039/d1tc03850h Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cavitation-dispersion method for copper cementation from wastewater by iron powder
Shishkin, Andrei; Mironovs, Viktors; Vu, Hong; Novak, Pavel; **Baroninš, Janis**; Polyakov, Alexandr; Ozolins, Jurijs Metals 2018 / art. 920, 11 p. : ill https://doi.org/10.3390/met8110920 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combination of SLM-SPS approaches for tribological, antibacterial and biomaterial applications = Kombineeritud SLM-SPS meetod triboloogiliste, antibakteriaalsete ja biosobivate materjalide valmistamiseks
Rahmani Ahranjani, Ramin 2020 https://digikogu.taltech.ee/et/Item/4cd6a755-29d9-4168-a281-a21edca6c729

Comparative investigation of microstructure, mechanical properties and strengthening mechanisms of Al-12Si/TiB2 fabricated by selective laser melting and hot pressing
Xi, L. X.; Zhang, H.; Wang, P.; Li, H.C.; **Prashanth, Konda Gokuldoss** Ceramics international 2018 / p. 17635-17642 : ill https://doi.org/10.1016/j.ceramint.2018.06.225 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of solid lubricated composites for high-temperature tribological applications = Tahkmäärdega komposiitide väljatöötamine kõrgtemperatuurseteks triborakendusteks
Kumar, Rahul, 1993- 2022 https://doi.org/10.23658/taltech.75/2022 https://digikogu.taltech.ee/et/Item/b117812c-4248-4542-ba39-fcbfe5349f4e https://www.ester.ee/record=b5528171*est

The effect of build direction on the thermal conductivity of additively manufactured AlS10Mg and silicon-steel samples : [conference paper]
Sarap, Martin 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 29-30 : ill https://www.ester.ee/record=b5504019*est

Effect of hot isostatic pressing on cellular lattice structures obtained by selective laser melting [Electronic resource]
Holovenko, Yaroslav; **Kollo, Lauri**; **Jõeleht, Marek**; **Pohlak, Meelis**; **Veinthal, Renno** World PM2016 proceedings 2016 / [USB]

Effect of Local Remelting and Recycled WC-Co Composite Reinforcement Size on Abrasive and Erosive Wear of Manual Arc Welded Hardfacings
Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; **Goljandin, Dmitri** Coatings 2023 / art. 734 https://doi.org/10.3390/coatings13040734 Journal metrics at Scopus Article at Scopus Jourrnal metrics at WOS Article at WOS

Effect of preheating and cooling of the powder bed by laser pulse shaping on the microstructure of the TiC based cermets
Maurya, Himanshu Singh; **Kollo, Lauri**; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Ceramics international 2022 / p. 20612-20618 https://doi.org/10.1016/j.ceramint.2022.04.029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of substrate plate heating on the microstructure and properties of selective laser melted Al-20Si-5Fe-3Cu-1Mg alloy
Ma, Pan; Ji, Pengcheng; Jia, Yandong; Shi, Xuerong; Yu, Zhishui; **Prashanth, Konda Gokuldoss** Materials 2021 / art. 330 https://doi.org/10.3390/ma14020330 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of the laser processing parameters on the selective laser melting of TiC–Fe-based cermets
Maurya, Himanshu Singh; **Kollo, Lauri**; **Tarraste, Marek**; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Journal of manufacturing and materials processing 2022 / art. 35, 11 p. : ill https://doi.org/10.3390/jmmp6020035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of substructures on the selective laser melted Ti-6Al-4V alloy as a function of laser re-melting
Karimi, Javad; Xie, Meishen; Wang, Zhi; **Prashanth, Konda Gokuldoss** Journal of manufacturing processes 2021 / p. 1387-1394 https://doi.org/10.1016/j.jmapro.2021.06.059 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Investigating the structure, microstructure, and texture in selective laser melted sterling silver 925
Vikram, R. J.; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Metallurgical and Materials Transactions A 2021 / p. 5329–5341 : ill https://doi.org/10.1007/s11661-021-06471-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanisms controlling fracture toughness of additively manufactured stainless steel 316L
Kumar, Deepak; Jhavar, Suyog; Arya, Abhinav; **Prashanth, Konda Gokuldoss**; Suwas, Satyam International journal of fracture 2022 / p. 61-78 https://doi.org/10.1007/s10704-021-00574-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructural evolution and mechanical properties of selective laser melted Ti-6Al-4V induced by annealing treatment
Wang, Pei; Chen, Feng-hua; Eckert, J.; Pilz, S.; Scudino, S.; **Prashanth, Konda Gokuldoss** Journal of Central South University 2021 / p. 1068–1077 : ill https://doi.org/10.1007/s11771-021-4680-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructural homogenisation of selective laser melted Ti6Al4V and CoCrFeMnNi high-entropy alloys = Selektiivse lasersulatuse teel valmistatud Ti6Al4V ja kõrgentroopse CoCrFeMnNi sulamite mikrostruktuuri homogeniseerimine
Karimi, Javad 2022 https://doi.org/10.23658/taltech.52/2022 https://digikogu.taltech.ee/et/Item/96573682-77a0-4fcb-b5df-b53cc9a3bfeb https://www.ester.ee/record=b5511815*est

Microstructure and mechanical properties of HEA alloys fabricated by selective laser melting of powder mixtures
Karimi, Javad; **Prashanth, Konda Gokuldoss** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 24 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

MoSi2-based composites by selective laser melting = Selektiivse lasersulatuse teel valmistatud MoSi2 baasil komposiidid
Minasyan, Tatevik 2020 https://www.ester.ee/record=b5388072*est https://digikogu.taltech.ee/et/Item/26aa1fe6-b853-43b8-887a-51b6efa0b5ef

Revealing the impact of Hot Isostatic Pressing temperature on the microstructure and mechanical characteristics of Selective Laser Melted CuAlNiMn shape memory alloy
Singh, Shalini; Narayanan, Jinoop Arackal; Dehgahi, Shirin; Qureshi, A. J.; Palani, Iyamperumal Anand; Paul, Christ Prakash; **Prashanth, Konda Gokuldoss** Materials letters 2024 / art. 136452 https://doi.org/10.1016/j.matlet.2024.136452

Role of laser remelting and heat treatment in mechanical and tribological properties of selective laser melted Ti6Al4V alloy
Karimi, Javad; **Antonov, Maksim**; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2022 / art. 163207 https://doi.org/10.1016/j.jallcom.2021.163207 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melting of Al-7Si-0.5 Mg-0.5Cu : effect of heat treatment on microstructure evolution, mechanical properties and wear resistance
Wang, Pei; Yu, Sijie; Shergill, Jaskarn; Chaubey, Anil; Eckert, Jürgen; **Prashanth, Konda Gokuldoss**; Scudino, Sergio Acta Metallurgica Sinica (English Letters) 2022 / p. 389–396 : ill https://doi.org/10.1007/s40195-021-01279-1 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melting of commercially pure silicon
Lai, Zhouyi; Guo, Ting; Zhang, Shengting; Kollo, Lauri; Attar, Hooyar; Wang, Zhi; **Prashanth, Konda Gokuldoss** Journal Wuhan University of Technology, Materials Science Edition 2022 / p. 1155 - 1165 https://doi.org/10.1007/s11595-022-2647-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melting of Inconel 718 : effect of thermal treatment on mechanical properties
Mohanty, Shalini; **Maurya, Himanshu Singh**; **Prashanth, Konda Gokuldoss** Materials today: proceedings 2023 / 5 p. : ill https://doi.org/10.1016/j.matpr.2023.03.164 Journal metrics at Scopus Article at Scopus

Ti-B based composites by spark plasma sintering and selective laser melting = Sädepaagutus- ja selektiivse lasersulatus-tehnoloogia abil valmistatud Ti-B baasil komposiitmaterjalid
Liu, Le 2021 https://www.ester.ee/record=b5460101*est https://digikogu.taltech.ee/et/Item/2a4de866-52a3-4bef-8c4e-e136c89285a3 https://doi.org/10.23658/taltech.47/2021

Материаловедение. Часть 2, Теория сплавов
Mosberg, Rudolf 1969 https://www.ester.ee/record=b1345944*est

Разделение кристаллических органических систем методом зонной плавки

Aarna, Agu; **Rätsep, Aavo** Сборник статей по химии и химической технологии. 11 1964 / с. 171-182 : илл
https://www.ester.ee/record=b2181984*est https://digikogu.taltech.ee/et/Item/958b7e78-6cf4-425c-b75d-b028262eada8