

Additive manufacturing : alloy design and process innovations

Prashanth, Konda Gokuldoss; Wang, Zhi Materials 2020 / art. 542, 2 p <https://doi.org/10.3390/ma13030542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing : alloy design and process innovations

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Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off

Wang, Zhi; Tang, S.Y.; Scudino, Sergio; Ivanov, Y.P.; Qu, R.T.; Wang, D.; Yang, C.; Zhang, W.W.; Greer, A.L.; Eckert, Juergen H.; **Prashanth, Konda Gokuldoss** Additive Manufacturing 2021 / art. 101725 <https://doi.org/10.1016/j.addma.2020.101725> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures

Sokkalingam, Rathinavelu; Chao, Zhao; Sivaprasad, Katakam; Muthupandi, Veerappan; Jayaraj, Jayamani; Ramasamy, Parthiban; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Advanced engineering materials 2023 / art. 2200341 <https://doi.org/10.1002/adem.202200341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of cryogenic chemically complex alloys with sponge bone-like reticular nanoscale superstructure

Xie, Kaiqiang; Ma, Pan; Fang, Yacheng; Yang, Hong; Wan, Shiguang; Wu, Zhibin; **Shi, Jinqiang**; **Prashanth, Konda Gokuldoss**; Gargarella, Piter; Zhang, Lunyong Composites Part B : Engineering 2025 / art. 112786 <https://doi.org/10.1016/j.compositesb.2025.112786>

Additive manufacturing of high-entropy alloys

Karimi, Javad; **Kamboj, Nikhil Kumar**; **Prashanth, Konda Gokuldoss** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; **Aydinyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmaa, Rainer**; **Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p <https://doi.org/10.1016/j.jallcom.2022.167589> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Annealing of Al-Zn-Mg-Cu alloy at high pressures : evolution of microstructure and the corrosion behavior

Suo, Chuanjun; Ma, Pan; Jia, Yandong; Liu, Xiao; Shi, Xuerong; Yu, Zhishui; **Prashanth, Konda Gokuldoss** Materials 2021 / art. 2076, 17 p. : ill <https://doi.org/10.3390/ma14082076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Behaviour of tungsten alloy with iron and nickel under repeated high temperature plasma pulses

Laas, T.; Laas, K.; Paju, J.; **Priimets, Jaanis**; Tõkke, Siim; Väli, B.; **Shirokova, Veroonika**; **Antonov, Maksim**; Gribkov, V.A.; Demina, E.V.; Pimenov, V.N.; Paduch, M.; Matulka, R.; Akel, M. Fusion engineering and design 2020 / art. 111408 <https://doi.org/10.1016/j.fusengdes.2019.111408> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calcium-aluminothermal production of niobium and utilization of wastes = Nioobiumi tootmine kaltsium-alumotermilisel meetodil ja jäätmete utiliseerimine

Gorkunov, Valeri 2008 <https://digi.lib.ttu.ee/i/?295> https://www.ester.ee/record=b2449478*est

Characterisation of ultrasonically sprayed InxSy buffer-layers for Cu(In,Ga)Se2 solar cells

Ernits, Kaia; Bremaud, D.; **Mellikov, Enn** Thin solid films 2007 / 15, p. 6051-6054 <https://www.sciencedirect.com/science/article/abs/pii/S0040609006016178>

Characterization of gas-atomized equiatomic AlCoCrFeNi powder for additive manufacturing

Karimi, Javad; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2023 / p. 3417-3424 : ill <https://doi.org/10.1007/s11661-023-07129-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders

Zhao, Chao; Wang, Zhi; Li, Daoxi; Xie, Meishen; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 154603, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2020.154603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of the microstructures and mechanical properties of Ti6Al4V fabricated by electron beam melting, spark plasma sintering, and selective laser remelting

Karimi, Javad; **Prashanth, Konda Gokuldoss** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 39 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Competition between immiscibility GAP and supercooling during non-equilibrium processing of metallic materials

Aftab, Rabia; **Antonov, Maksim** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 11
<http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Contact reactions of titanium carbide with iron-base alloys

Panasjuk, A.; **Kübarsepp, Jakob**; Dzökovitš, I.; **Valdma, Leo** Soviet Powder Metallurgy and Metal Ceramics 1981 / p. 291-296
<https://doi.org/10.1007/BF00797271>

Cooling rate control combined with refractory Mo and/or V addition to enhance the mechanical properties of CoCrFeMnNi alloy

Gonzalez, Sergio; Garay-Reyes, Carlos Gamaliel; Martinez-Garcia, Alfredo; **Prashanth, Konda Gokuldoss**; Ruiz-Esparza-Rodriguez, Marco Antonio; Hurtado-Macias, Abel; Eckert, Juergen H.; Martinez-Sanchez, Roberto Journal of materials research and technology 2025 / p. 459-469 <https://doi.org/10.1016/j.jmrt.2025.03.074>

Corrosion resistance of sintered TiC-steel alloys

Kübarsepp, Jakob; **Valdma, Leo**; **Kallast, Vambola** Soviet Powder Metallurgy and Metal Ceramics 1980 / p. 293-294
<https://doi.org/10.1007/BF00797376>

Corrosive changes and chemical composition of the orthodontic archwires' surface during treatment

Petrov, Valeri G.; Terzieva, Stanimira D.; Lazarova, Tz I.; **Mikli, Valdek**; Andreeva, Laura A.; Stoyanova-Ivanova, Angelina K. Bulgarian Chemical Communications 2013 / p. 455 - 460
http://www.bcc.bas.bg/BCC_Volumes/Volume_45_Number_4_2013/Volume_45_Number_4_2013_PDF/BCC-45-4-2013_7.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Crack formation and control in an AlCoCrFeNi high entropy alloy fabricated by selective laser melting

Wei, Shuimiao; Ma, Pan; Fang, Yacheng; Zhang, Zhiyu; Yang, Zhilu; Shi, Xuerong; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2024 / p. E628 - E637 <https://doi.org/10.1089/3dp.2022.0142> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy

Viespoli, Luigi Mario; Bressan, Stefano; Itoh, Takamoto; Hiyoshi, Noritake; **Prashanth, Konda Gokuldoss**; Berto, Filippo Engineering failure analysis 2020 / art. 104477, 9 p. : ill <https://doi.org/10.1016/j.engfailanal.2020.104477> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current suppressing effect in alloy metal and 6H-SiC substrate Schottky contacts

Rang, Toomas; Blum, Alfons BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 81-84: ill

Design of next generation alloys for additive manufacturing

Prashanth, Konda Gokuldoss Material design & processing communications 2019 / art. 1e50, 4 p. : ill
<https://doi.org/10.1002/mdp2.50>

Development of Cu-based shape memory alloy through selective laser melting from elemental powder mixture: Processing and characterization

Singh, Shalini; Palani, I. A.; Dehgahi, Shirin; Qureshi, A. J.; Jinoop, A. N.; Paul, C. P.; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 171029 <https://doi.org/10.1016/j.jallcom.2023.171029> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Diffusion and phase transformation in SC superalloys aided by HCV deformation

Kommel, Lembit Abstracts of the XVI-th International Baltic Conference "Engineering Materials & Baltmattrib" : 2007, October 25-26, Riga, Latvia 2007 / p. 11

Diffusion and phase transformation influences on life extension of superalloys

Kommel, Lembit Book of abstracts of International Conference on Diffusion in Solids : Past, Present and Future : DiSo-05 : 23-27 May, Moscow, Russia 2005 / p. 28

Dissimilar welding of Al0.1CoCrFeNi high-entropy alloy and AISI304 stainless steel

Sokkalingam, Rathinavelu; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2019 / p. 2683-2694 : ill <https://doi.org/10.1557/jmr.2019.186> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Dissimilar welding of high-entropy alloy to Inconel 718 superalloy for structural applications

Sokkalingam, Rathinavelu; Pravallika, B; Sivaprasad, Katakam; Muthupandi, Veerappan; **Prashanth, Konda Gokuldoss** Journal of materials research 2022 / p. 272-283 <https://doi.org/10.1557/s43578-021-00352-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial : Fundamentals and challenges of advanced amorphous and high-entropy alloys

Song, Kaikai; Huang, Yongjiang; Li, Ran; Qiao, Jichao; Wang, Zhi; **Prashanth, Konda Gokuldoss; Sopa, Daniel** *Frontiers in materials* 2022 / art. 874556, 3 p. : ill <https://doi.org/10.3389/fmats.2022.874556> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of electrolyte composition on the surface characteristics of plasma electrolytic oxidation coatings over Ti40Nb alloy

Lokeshkumar, E.; Premchand, C.; Palanivel, Manojkumar; Shishir, R.; Krishna, L. Rama; **Prashanth, Konda Gokuldoss; Rameshbabu, Nagumothu** *Surface and coatings technology* 2023 / art. 129591 <https://doi.org/10.1016/j.surfcoat.2023.129591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of EUF on evolution of microstructure and properties of advanced superalloys

Kommel, Lembit Abstracts of 3rd International Conference "Phase Transition and Strength of Crystals" : September 20-24, 2004, Chernogolovka, Russia 2004 / p. 81

Effect of FeNiCrBSiC-MeB₂ material composition on the oxidation behavior at high temperatures

Umanskyi, Oleksandr; Storozhenko, Maryna; Koshelev, M.; **Antonov, Maksim** *Powder metallurgy and metal ceramics* 2019 / p. 670-678 : ill <https://doi.org/10.1007/s11066-019-00030-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of nanoparticles on morphology and size of primary silicon and property of selective laser melted Al-high Si content alloys

Xi, Lixia; Guo, Shuang; **Prashanth, Konda Gokuldoss; Sarac, Baran; Eckert, Jürgen** *Vacuum* 2021 / art. 110405 <https://doi.org/10.1016/j.vacuum.2021.110405> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of powder characteristic and aging treatment on the corrosion behavior of selective laser melted Al-20Si alloy

Ma, Pan; Zhang, Zhiyu; Ke, Yu; Yang, Shuhao; Deng, Kun; Cheng, Peng; Chen, Hongdian; **Prashanth, Konda Gokuldoss** *Transactions of the Indian Institute of Metals* 2022 / p. 2367-2377 <https://doi.org/10.1007/s12666-022-02548-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of process parameters on the properties of β -Ti-Nb-based alloys fabricated by selective laser melting: A review

Subramanian, Shangavi; Mohanty, Shalini; Prashanth, Konda Gokuldoss *Materials today: proceedings* 2023 <https://doi.org/10.1016/j.matpr.2023.03.461> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of pulsed deuterium plasma irradiation on dual-phase tungsten medium-entropy alloys

Laas, Tõnu; Tõkke, Siim; Paju-Hamburg, Jana; Tarraste, Marek; Mikli, Valdek; **Antonov, Maksim; Priimets, Jaanis; Czarkowski, Piotr; Miklaszewski, Ryszard; Paduch, Marian** *Fusion engineering and design* 2025 / art. 115229 <https://doi.org/10.1016/j.fusengdes.2025.115229>

Effect of scanning strategy on microstructure and texture evolution in a selective laser melted Al-33Cu eutectic alloy

Vikram, R. J.; Gokulnath, S. A.; **Prashanth, Konda Gokuldoss; Suwas, Satyam** *Journal of alloys and compounds* 2023 / art. 168098, 10 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electron-beam welding of high-entropy alloy and stainless steel: microstructure and mechanical properties

Sokkalingam, Rathinavelu; Mastanaiah, P.; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** *Materials and manufacturing processes* 2020 / p. 1885-1894 <https://doi.org/10.1080/10426914.2020.1802045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erosion wear behavior of HVOF-sprayed WC/Cr₃C₂-based cermet and martensitic stainless steel coatings on AlSi₇Mg_{0.3} alloy : a comparative study

Korobov, Yuri; **Antonov, Maksim; Astafiev, Vladimir; Brodova, Irina; Kutaev, Vladimir; Estemirova, Svetlana; Devyatyarov, Mikhail; Okulov, Artem** *Journal of manufacturing and materials processing* 2024 / art. 231 <https://doi.org/10.3390/jmmp8050231>

Evaluating the microstructural formation in Mo added Ti6Al₄V alloy fabricated by direct energy deposition using a laser-stop strategy

Ye, Z.; Yu, Z.; Gao, P.; **Prashanth, Konda Gokuldoss; Zhang, F.; Zhao, K.; Tan, H.** *Additive Manufacturing* 2024 / art. 104226 <https://doi.org/10.1016/j.addma.2024.104226>

Evaluation of microstructure and properties of heat-proof superalloy enforced by electrical upsetting forging

Kommel, Lembit Деформация и разрушение материалов = Deformation and fracture of materials 2005 / 3, p. 21-27

Evolution of microstructure and mechanical properties of LM25-HEA composite processed through stir casting with a bottom pouring system

Chinababu, Mekala; Krishna, Nandivelegu Naga; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss; Bhaskara, Eluri** *Materials* 2022 / art. 230 <https://doi.org/10.3390/ma15010230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of microstructure and properties in Ti-alloys during rapid electrocontact heating with SPD

Kommel, Lembit; Peetsalu, Priidu; Veinthal, Renno Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 62-66 : ill <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10934528/>

Fabrication and microstructural analysis of didymium-iron-boron magnet alloys with cerium additions

Mural, Zorjana; Kolnes, Märt; Afshari, Hossein; Kollo, Lauri; Link, Joosep; **Veinthal, Renno** Proceedings of the Estonian Academy of Sciences 2016 / p. 166-171 : ill <https://doi.org/10.3176/proc.2016.2.02> https://artiklid.elnet.ee/record=b2768229*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation of fine Mg₂Si phase in Mg–Si alloy via solid-state sintering using high energy ball milling

Seth, Prem Prakash; **Singh, Neera**; Singh, Manoj; Prakash, Om; Kumar, Devendra Journal of alloys and compounds 2020 / art. 153205, 10 p. : ill <https://doi.org/10.1016/j.jallcom.2019.153205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying

Mu, Yongkun; Zhang, Liangbo; Xu, Long; **Prashanth, Konda Gokuldoss**; Zhang, Nizhen; Ma, Xindi; Jia, Yuefei; Xu, Yulai; Jia, Yandong; Wang, Gang Entropy 2020 / art. 740 <https://doi.org/10.3390/e22070740> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Grain boundary phase transformations in superalloys

Kommel, Lembit Book of abstracts of 10th International Symposium on Physics of Materials : ISPMA10 : August 30 - September 2, 2005, Prague, Czech Republic 2005 / p. 30 https://www.researchgate.net/publication/281554675_Grain_boundary_phase_transformation_in_superalloys

Heat treatment and laser shock peening of AlSi10Mg alloy produced by selective laser melting : microstructure, hardness and residual stress analysis

Babalou, Reza; Azarbarmas, Morteza; **Prashanth, Konda Gokuldoss** Materials today communications 2025 / art. 112408 <https://doi.org/10.1016/j.mtcomm.2025.112408>

Hierarchical microstructures and strengthening mechanisms of nano-TiC reinforced CoCrFeMnNi high-entropy alloy composites prepared by laser powder bed fusion

Chen, Hongyu; Kosiba, Konrad; Lu, Twen; Yao, Ning; Liu, Yang; Wang, Yonggang; **Prashanth, Konda Gokuldoss**; Suryanarayana, Challapalli Journal of Materials Science & Technology 2023 / p. 245-259 : ill <https://doi.org/10.1016/j.jmst.2022.06.053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High temperature corrosion of martensite alloy under oil shale fly ash

Tallermo, Harri; Klevtsov, Ivan; Uus, M.; Crane, Roger Journal of pressure vessel technology 2001 / 3, p. 387-390

Hydrogen effects in equiatomic CrFeNiMn alloy fabricated by laser powder bed fusion

Yang, Xuan; Yagodzinskyy, Yuriy; Ge, Yanling; Lu, Eryang; Lehtonen, Joonas; **Kollo, Lauri**; Hannula, Simo-Pekka Metals 2021 / art. 872 <https://doi.org/10.3390/met11060872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ fabrication of TiC–NiCr cermets by selective laser melting

Aramian, Atefeh; Sadeghian, Zohreh; **Prashanth, Konda Gokuldoss**; Berto, Filippo International journal of refractory metals and hard materials 2020 / art. 105171, 8 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105171> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ production of low-modulus Ti–Nb alloys by selective laser melting and their functional assessment toward orthopedic applications

Singh, Neera; Srikanth, K. P.; Gopal, Vasanth; Rajput, Monika; Manivasagam, Geetha; **Prashanth, Konda Gokuldoss** Journal of Materials Chemistry B 2024 / p. 5982-5993 : ill <https://doi.org/10.1039/D4TB00379A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of process parameters on the microstructure and properties of the TiC/Ti-alloy composites fabricated by the directed energy deposition process

Wang, Yongxia; Fan, Wei; Zhou, Fan; **Prashanth, Konda Gokuldoss**; Feng, Zhe; Zhang, Siyu; Tan, Hua; Lin, Xin Journal of materials research and technology 2025 / p. 164-174 <https://doi.org/10.1016/j.jmrt.2024.12.043>

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](#)

Influence of the interlayer temperature on structure and properties of CMT wire arc additive manufactured NiTi structures

Singh, Shalini; Palani, Iyampuram Anand; Dehgahi, Shirin; Paul, Christ Prakash; **Prashanth, Konda Gokuldoss**; Jawad Qureshi, Ahmed Jawad Journal of Alloys and Compounds 2023 / art. 171447, 10 p. <https://doi.org/10.1016/j.jallcom.2023.171447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Joint reduction of NiO + WO₃ oxides by combined Mg/C reducer. Synergetic effect

Zakaryan, Marieta; Nazaretyan, K.; **Aydinyan, Sofiya**; Kharatyan, Suren XV International Symposium on Self-Propagating High Temperature Synthesis, September 16-20, 2019 / p. 546-548 : ill
http://www.ism.ac.ru/events/SHS2019/doc/abstract_shs2019.pdf

Kahekomponendilised olekudiagrammid : programmeeritud õppevahend

Pärnapuu, Arnold 1973 https://www.ester.ee/record=b1322788*est

Kahekomponendilised olekudiagrammid : programmeeritud õppevahend

Pärnapuu, Arnold 1968 https://www.ester.ee/record=b1345851*est <http://www.digar.ee/id/nlib-digar:647767>

Kinetic highlights of the reduction of silver tungstate by Mg + C combined reducer

Zakaryan, Marieta; Nazaretyan, Khachik; **Aydinyan, Sofiya**; Kharatyan, Suren Metals 2022 / art. 1000
<https://doi.org/10.3390/met12061000> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Konstantaan

Tapupere, Olev Eesti entsüklopeedia. 5 1990 / lk. 13

Krüosulamid; Kulumiskindlad terased; Kuullaagriterased; Kuumuskindlus; Kuumuskindlad sulamid; Kuumuspüsiivad sulamid; Kuumustugevad sulamid; Kõrgtugev malm; Kõvasulamid; Legeersulam? [Legeerimine; Legeerteras]

Kulu, Priit Eesti entsüklopeedia. 5 1990 / lk. 171, 206, 255, 257, 286, 292, 465

Laser additive manufacturing of nano-TiC particles reinforced CoCrFeMnNi high-entropy alloy matrix composites with high strength and ductility

Chen, Hongyi; Lu, Twen; **Prashanth, Konda Gokuldoss**; Kosiba, Konrad Materials Science and Engineering : A 2022 / art. 142512
<https://doi.org/10.1016/j.msea.2021.142512> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linear patterning of high entropy alloy by additive manufacturing

Karimi, Javad; Ma, P.; Ji, Y.D.; **Prashanth, Konda Gokuldoss** Manufacturing letters 2020 / p. 9-13 : ill
<https://doi.org/10.1016/j.mfglet.2020.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Machine learning assisted design of high-entropy alloys with ultra-high microhardness and unexpected low density

Zhao, Shunli; Jiang, Bin; Song, Kaikai; Liu, Xiaoming; Wang, Wenyu; Si, Dekun; Zhang, Jilei; Chen, Xiangyan; Zhou, Changshan; Liu, Pingping; Chen, Dong; Zhang, Zequn; Ramasamy, Parthiban; Tang, Junlei; Lv, Wenquan; **Prashanth, Konda Gokuldoss**; Sopa, Daniel; Eckert, Jürgen Materials & design 2024 / art. 112634 <https://doi.org/10.1016/j.matdes.2024.112634>

Masinaehitusmaterjalid. 2. osa, Värvilismetallid ja -sulamid : metoodiline materjal

1989 https://www.ester.ee/record=b1217623*est

Mechanical and tribological behavior of gravity and squeeze cast novel Al-Si alloy

Chandra, Vadlamudi Srinivasa; Sivaprasad, Katakam; Dhanasekaran, Subramaniam; **Prashanth, Konda Gokuldoss** Metals 2022 / art. 194 <https://doi.org/10.3390/met12020194>

Mechanical properties, microstructure, and actuation behavior of wire arc additive manufactured nitinol : titanium bimetallic structures

Singh, Shalini; Demidova, Elena; Resnina, Natalia; Belyaev, Sergey; Palani, Iyamperumal Anand; Paul, Christ Prakash; Kumar, Ajit; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2024 / p. 143 - 151 <https://doi.org/10.1089/3dp.2021.0324>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metallide ja sulamite struktuur

Kulu, Priit 1992 https://www.ester.ee/record=b1062188*est

Metallide ja sulamite struktuur

Kulu, Priit 1995 https://www.ester.ee/record=b1068796*est

Metallide ja teiste konstruktsioonimaterjalide tehnoloogia : sulamite kristalliseerumine : metoodiline materjal eriala 1709 (TM) üliõpilastele

1981 https://www.ester.ee/record=b1215054*est

Metallide markeerimine. 4, Värvilised metallid ja sulamid

Kulu, Priit Tehnika ja Tootmine 1994 / 5, lk. 6-7

Metalliõpetus ja metallide tehnoloogia : eesti-inglise-saksa-vene terminid ja määratlused

1998 https://www.ester.ee/record=b1193488*est

Metalliõpetus ja metallide tehnoloogia : eesti-inglise-saksa-vene terminid ja määratlused

1997 https://www.ester.ee/record=b1053791*est

Metallklaasid

Liimann, Väino Tehnika ja Tootmine 1989 / lk. 20-23 ; joon https://www.ester.ee/record=b1073047*est

Methods of improving of carbide steel properties

Narva, Valentina K. International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 149-151

Microstructural control of TiAl intermetallic alloys

Kommel, Lembit Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 121-124

Microstructural effects on wear of nonhomogeneous hardmetal materials

Hussainova, Irina; Viljus, Mart Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 2, p. 126-136 : ill https://artiklid.elnet.ee/record=b1012788*est

Microstructural evolution and mechanical properties of Ti(C,N)–FeCrMo-based green cermets

Maurya, Himanshu Singh; Juhani, Kristjan; Viljus, Mart; Sergejev, Fjodor; Kübarsepp, Jakob Ceramics international 2024 / p. 8695-8705 <https://doi.org/10.1016/j.ceramint.2023.12.186>

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 performances of NiCoFeAlTi high-entropy intermetallic reinforced CoCrFeMnNi high-entropy alloy composites manufactured by selective laser melting

Yang, Hong; Ma, Pan; Zhang, Zhiyu; Xie, Xiaochang; Yang, Ping; Zhang, Han; Jia, Yandong; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2024 / p. 6275-6287 <https://doi.org/10.1016/j.jmrt.2024.11.022>

Microstructure and mechanical properties of AlCoCrFeMnNi HEAs fabricated by selective laser melting

Ma, Pan; Fang, Yacheng; Wei, Shuimiao; Zhang, Zhiyu; Yang, Hong; Wan, Shiguang; **Prashanth, Konda Gokuldoss**; Jia, Yandong Journal of materials research and technology 2023 / p. 7090-7100 <https://doi.org/10.1016/j.jmrt.2023.07.124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and metastable phase formation of Mo-added Ti6Al4V alloys under laser micro-alloying

Ye, Zimeng; Yu, Zerong; Zhao, Kexin; **Prashanth, Konda Gokuldoss**; Sun, Zhiping; Zeng, Dejun; Zhang, Hengxin; Liu, Sizhe; Zhang, Fengying Journal of materials research and technology 2025 / p. 785-795 <https://doi.org/10.1016/j.jmrt.2025.06.072>

Microstructure and nanoindentation creep behavior of binary Al-Cu alloy synthesized at high pressure

Ma, Pan; Zhang, Zhiyu; Liu, Xiao; Shi, Xuerong; **Prashanth, Konda Gokuldoss**; Jia, Yandong JOM : the journal of the minerals, metals & materials society 2023 / p. 176-183 <https://doi.org/10.1007/s11837-022-05545-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and properties of UFG metals and alloys

Kommel, Lembit XII International Conference on Nanostructured Materials (NANO 2014) : July 13-18, 2014 : program 2014 / p. 103

Microstructure and tribological behavior of Fe-based amorphous alloy fabricated by plasma spraying and laser remelting

Ma, Pan; Yang, Zhilu; Fang, Longfei; Zhang, Zhiyu; Fang, Yacheng; Zhang, Nan; **Prashanth, Konda Gokuldoss**; Jia, Yandong Transactions of the Indian Institute of Metals 2023 / p. 1007-1014 <https://doi.org/10.1007/s12666-022-02814-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure evolution and tensile property of high entropy alloy particle reinforced 316 L stainless steel matrix composites fabricated by laser powder bed fusion

Zhang, Xinqi; Yang, Dongye; Jia, Yandong; Wang, Gang; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 171430 <https://doi.org/10.1016/j.jallcom.2023.171430> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure evolution in Ti-alloys during severe plastic deformation by electric upset forging

Kommel, Lembit; Teterin, G. Proceedings of NATO Advanced Research Workshop : Investigations and Applications of Severe Plastic Deformation : August 2-6, 1999, Moscow, Russia 1999 / p. 78

Modelling of metal alloy contacts to semiconductor substrate

Rang, Toomas Simulation and design of microsystems and microstructures 1995 / p. 251-258: ill

Modelling of the tunneling current in metal alloy contacts to 6H- and 4H-SiC substrates

Rang, Toomas MICROSIM II : simulation and design of microsystems and microstructures 1997 / p. 23-31 : ill

NiTi–Cu bimetallic structure fabrication through wire arc additive manufacturing

Singh, Shalini; Demidova, Elena; Resnina, Natalia; Belyaev, Sergey; Iyemperumal, P. A.; Paul, C. P.; **Prashanth, Konda Gokuldoss** Materials 2024 / art. 1006 <https://doi.org/10.3390/ma17051006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitriding of the CoCr alloy substrate as the method for improving of the performance of promising biocoatings for hip replacement

Ortega Saenz, Javier Alonso; **Antonov, Maksim**; Michalczewski, Remigiusz 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 44

A novel crack-free Ti-modified Mo alloy designed for laser powder bed fusion

Zhang, Cheng; Wang, Pei; Liu, C. Y.; Liu, Zhiyuan; Wu, Mingwei; Gao, X. H.; Li, M. H.; Yang, Chao; **Prashanth, Konda Gokuldoss**; Chen, Zhangwei Journal of alloys and compounds 2022 / art. 164802 <https://doi.org/10.1016/j.jallcom.2022.164802> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel welding of Al0.5CoCrFeNi high-entropy alloy: corrosion behavior

Sokkalingam, Rathinavelu; Sivaprasad, Katakam; Duraiselvam, Muthukannan; Muthupandi, Veerappan; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 153163, 6 p. : ill <https://doi.org/10.1016/j.jallcom.2019.153163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Obtaining strength-ductility combination in a laser additive manufactured (FeCoNi)86Al7Ti7 high-entropy alloy at cryogenic temperature

Xie, K.; Fang, Y.; Ma, P.; Yang, H.; Wan, S.; **Prashanth, Konda Gokuldoss**; Gargarella, P.; Mu, Y.; Wang, G.; Jia, Y. Journal of materials research and technology 2025 / p. 819-831 <https://doi.org/10.1016/j.jmrt.2024.12.125>

Optimierung des Herstellungsvorganges von Chromkarbid-Sinterlegierungen mit Hilfe Mathematischer Modell

Valdma, Leo; Pirso, Jüri Periodica polytechnica. Mechanical engineering = Машиностроение 1975 / p. 217-223 : ill https://www.ester.ee/record=b1198774*est

Peculiar high temperature corrosion of martensite alloy under impact of Estonian oil shale fly ash

Tallermo, Harri; Klevtsov, Ivan; Uus, M. Baltica IV : Plant Maintenance for Managing Life & Performance : Helsinki-Stockholm-Helsinki, 7-9 September, 1998. Vol. 1 1998 / p. 295-303

Phase formation, microstructure and mechanical properties of Mg67Ag33 as potential biomaterial

Kosiba, Konrad; **Prashanth, Konda Gokuldoss**; Scudino, Sergio Metals 2021 / art. 461, 10 p. : ill <https://doi.org/10.3390/met11030461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase, microstructure, and wear behavior of Al2O3-reinforced Fe–Si alloy-based metal matrix nanocomposites

Saxena, Akash; **Singh, Neera**; Singh, Bhupendra; Kumar, Devendra; Sadasivuni, Kishor Kumar; Gupta, Pallav; Kumar, Devendra Proceedings of the institution of mechanical engineers part L Journal of Materials Design and Applications Journal of materials design and applications 2020 / art. 146442071989338, p. 467-480 <https://doi.org/10.1177/1464420719893387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phases properties of SC superalloy measured by nanoindentation

Kommel, Lembit; Kimmari, Eduard; Viljus, Mart Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 22

Powder metallurgy of Al0.1CoCrFeNi high-entropy alloy

Sokkalingam, Rathinavelu; **Tarraste, Marek**; Surreddi, Kumar Babu; **Mikli, Valdek**; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of materials research 2020 / p. 2835–2847 <https://doi.org/10.1557/jmr.2020.272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preheating system model of molten metal tubing for double motor MHD-drive

Jansikene, Raik; Liivik, Liisa The 4th Reseach Symposium of Young Scientist : Actual Problems of Electrical Drives and Industry Automation : Tallinn, Estonia, May 17-21, 2003 2003 / p. 131-134 : ill

Premature failure of an additively manufactured material

Wang, Zhi; Xie, Meishen; Li, Yuanyuan; Zhang, Weiwen; Yang, Chao; **Kollo, Lauri**; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Npg Asia materials 2020 / art. 30, 10 p. : ill <https://doi.org/10.1038/s41427-020-0212-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preparation and thermoelectric properties of Bi₂Te₃-Sb₂Te₃ alloys

Kalnacha, Aija International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 172-175

The preparation of high-entropy refractory alloys by aluminothermic reduction process

Kirakosyan, Hasmik; Nazaretyan, Khachik; Kharatyan, Anahit; **Aydinyan, Sofiya** Modern materials and manufacturing 2023 2024 / art. 040012 <https://doi.org/10.1063/5.0189206> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Production of silicon free master alloys in Estonia

Gorkunov, Valeri; Munter, Rein Scientific proceedings of Riga Technical University. 1. [series], Material science and applied chemistry 2007 / p. 111-121

Recent advances in additive manufacturing of refractory high entropy alloys (RHEAs): A critical review

Yarlapati, Akshaya; Aditya, Y. N.; Kumar, Deepak; Vikram, Raja Jothi; Yadav, Mayank Kumar; Reddy, Kallem Shekharf; **Prashanth, Konda Gokuldoss** Journal of alloys and metallurgical systems 2024 / art. 100120 <https://doi.org/10.1016/j.james.2024.100120>

Research progress on composition design of multicomponent eutectic high entropy alloys

Wan, Shiguang; Ma, Pan; Yang, Hong; Zhang, Nan; Fang, Yacheng; Jia, Yandong; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2024 / p. 1455 - 1465 <https://doi.org/10.1007/s12666-023-03247-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 : materials and applications

2020 <https://doi.org/10.3390/books978-3-03928-579-2> <https://www.mdpi.com/books/pdfview/book/2164>

Selective laser melting of AlCoCrFeMnNi high entropy alloy : effect of heat treatment

Fang, Yacheng; Ma, Pan; Wei, Shuimiao; Zhang, Zhiyu; Yang, Dongye; Yang, Hong; Wan, Shiguang; **Prashanth, Konda Gokuldoss**; Jia, Yandong Journal of materials research and technology 2023 / p. 7845-7856 <https://doi.org/10.1016/j.jmrt.2023.09.121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of AlSi10Mg : corrosion behavior

Sellamuthu, Prabhukumar; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of Mines, Metals and Fuels 2024 / p. 93-102 <https://doi.org/10.18311/jmmf/2024/36429> [Journal metrics at Scopus](#) [Article at Scopus](#)

Selective laser melting of aluminum and its alloys

Wang, Zhi; **Ummethala, Raghunandan; Singh, Neera; Prashanth, Konda Gokuldoss** Materials 2020 / art. 4564 : ill <https://doi.org/10.3390/ma13204564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective Laser Melting Of Combustion Synthesized 2Mo-Cu and 3Cu-Mo Composites

Minasyan, Tatevik; Aydinyan, Sofiya; Kharatyan, Suren SHS 2017 : XIV International Symposium On Self-Propagating High Temperature Synthesis, September 25-28, 2017, Tblisi, Georgia : Book of Abstracts 2017 / p. 155-156 : ill http://mmi.ge/uploads/files/2017-10/1507298270_book-of-abstracts-shs-2017.pdf

Selective laser melting of in-situ CoCrFeMnNi high entropy alloy : effect of remelting

Karimi, Javad; Kollo, Lauri; Rahmani Ahranjani, Ramin; Ma, Pan; Jia, Yandong; **Prashanth, Konda Gokuldoss** Journal of Manufacturing Processes 2022 / p. 55-63 <https://doi.org/10.1016/j.jmapro.2022.09.056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting: materials and applications

Prashanth, Konda Gokuldoss Selective laser melting: materials and applications 2020 / p. 1-3 : ill <https://doi.org/10.3390/jmmp4010013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

SEM analysis and selenization of Cu-In alloy films produced by co-sputtering of metals

Volobujeva, Olga; Altosaar, Mare; Raudoja, Jaan; Mellikov, Enn; Grossberg, Maarja; Kaupmees, Liina; Barvinschi, Paul Solar energy materials and solar cells 2009 / 1, p. 11-14 : ill <https://www.sciencedirect.com/science/article/pii/S0927024808000238>

Solid particle erosion of thermal sprayed coating

Kulu, Priit Abstracts of International Conference on Erosive and Abrasive Wear II : Cambridge, UK, 2003 2003 / p. 1.3 <https://www.sciencedirect.com/science/article/abs/pii/S0043164804001644>

Solution combustion synthesis of MnFeCoNiCu and (MnFeCoNiCu)₃O₄ high entropy materials and sintering thereof

Aydinyan, Sofiya; Kirakosyan, Hasmik; Sargsyan, Armen; **Volobujeva, Olga**; Kharatyan, Suren Ceramics International 2022 / p.

Spark plasma sintering of 13Ni-400 maraging steel: Enhancement of mechanical properties through surface modification
Patil, Viraj Vishwas; Prashanth, Konda Gokuldoss; Mohanty, Chinmaya P. Journal of alloys and compounds 2023 / art. 170734 : ill <https://doi.org/10.1016/j.jallcom.2023.170734> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural and compositional properties of CZTS thin films formed by rapid thermal annealing of electrodeposited layers
Lehner, Julia; Looorits, Mihkel; Revathi, Naidu; Raadik, Taavi; Raudoja, Jaan; Grossberg, Maarja; Mellikov, Enn; Volobujeva, Olga; Ganchev, Maxim Journal of crystal growth 2013 / p. 236-240 : ill <https://doi.org/10.1016/j.jcrysgro.2013.06.012> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structure and properties evolution of superalloy in zone of uniform deformation by electropupsetting
Kommel, Lembit; Viljus, Mart EUROMAT 2001 : 7th European Conference on Advanced Materials and Processes : Rimini, Italy, 10-14 June, 2001 : conference abstracts 2001 / p. 402-403

Structure and properties evolution of superalloy in zone of uniform deformation by electropupsetting [Electronic resource]
Kommel, Lembit; Viljus, Mart Proceedings of 7th European Conference on Advanced Materials and Processes : EUROMAT 2001 : Italy 2001 / [CD-ROM]

Study of structural and optoelectronic properties of $\text{Cu}_2\text{Zn}(\text{Sn}_{1-x}\text{Ge}_x)\text{Se}_4$ ($x = 0$ to 1) alloy compounds
Grossberg, Maarja; Timmo, Kristi; Raadik, Taavi; Kärber, Erki; Mikli, Valdek; Krustok, Jüri Thin solid films 2015 / p. 176-179 : ill <https://doi.org/10.1016/j.tsf.2014.10.055> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Subtle change in the work hardening behavior of fcc materials processed by selective laser melting
Sokkalingam, Rathinavelu; Sivaprasad, Katakam; Singh, Neera; Muthupandi, Veerappan; Ma, Pan; Jia, Yandong; Prashanth, Konda Gokuldoss Progress in additive manufacturing 2022 / p. 453-461 <https://doi.org/10.1007/s40964-022-00301-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Surface wave conversion analysis on a lengthwise soldered circular cylindrical shell
Baillard, Andre; Chiumia, Jeremiah; Decultot, Dominique; Maze, Gerard; Klauson, Aleksander; Metsaveer, Jaan Journal of Acoustical Society of America 2008 / 4, p. 2061-2067 <https://pubs.aip.org/asa/jasa/article/124/4/2061/980878/Surface-wave-conversion-analysis-on-a-lengthwise>

Synthesis of Ni-W nanopowders from oxide and salt precursors in combustion mode by using thermo-kinetic coupling approach [Online resource]
Zakaryan, Marieta; Aydinian, Sofiya; Kharatyan, Suren Explosive Production of New Materials : Science, Technology, Business, and Innovations 2018 / p. 298-300 : ill http://www.ism.ac.ru/events/EPNM2018/EPNM2018_BookofPapers.pdf <http://dx.doi.org/10.30826/EPNM18-103>

ZrC-TiC-MoSi₂ ceramic composite by spark plasma sintering
Hussainova, Irina; Minasyan, Tatevik; Liu, Le; Aydinian, Sofiya Journal of Physics: Conference Series 2020 / art. 012028 <https://doi.org/10.1088/1742-6596/1527/1/012028> Conference Proceedings at Scopus Article at Scopus Article at WOS

Temperature effects in alloy metal and 6H-SiC substrate Schottky contacts caused by the current suppressing effect
Rang, Toomas; Blum, Alfons Proceedings of the International Conference and Exhibition Micro Materials : MicroMat '97, April 16-18, 1997, Berlin, Germany 1997 / p. 591-596

The effect of VC, TiC and Cr₃C₂ on the microstructure and properties of WC-15Co hardmetals fabricated by the reactive sintering
Pirso, Jüri; Juhani, Kristjan; Tarraste, Marek; Viljus, Mart; Letunovitš, Sergei Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 383-388 : ill

The impact resistance of highly densified metal alloys manufactured from gas-atomized pre-alloyed powders
Rahmani Ahranjani, Ramin; Antonov, Maksim; Prashanth, Konda Gokuldoss Coatings 2021 / art. 216, 14 p. : ill <https://doi.org/10.3390/coatings11020216> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The influence of chlorine in ash deposits on 12Cr1MoV alloy high temperature corrosion
Tallerma, Harri; Lausmaa, Toomas; Klevtsov, Ivan; Nuutre, Maaris Oil shale 1997 / 3, p. 307-316: ill

The investigation of structure and properties of TiAl-Nb alloy
Kommel, Lembit Proceedings of the International Symposium-Exhibition on Advanced Materials, Technologies, Equipment and Tools in Mechanical Engineering : April 20-23, 1999, Kiev, Ukraine 1999 / p. 67

The plastic flow of alloys in zone of angular deformation by electropupsetting forging
Kommel, Lembit Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28,

Thermal deformation behavior and microstructural evolution of the rapidly-solidified Al–Zn–Mg–Cu alloy in hot isostatic pressing state

Zhang, Z.; Cong, H.; Yin, Z.; Qi, B.; Dong, Y.; Kong, L.; Li, H.; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2024 / p. 5927-5939 <https://doi.org/10.1016/j.jmrt.2024.04.235>

Thermal expansion behavior of Al–xSi alloys fabricated using selective laser melting

Jia, Yandong; Zhang, L.B.; Ma, Pan; Scudino, Sergio; Wang, G.; Yi, J.; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2020 / 11 p. : ill <https://doi.org/10.1007/s40964-020-00130-w> [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>

Tribological properties of selective laser melted Al12Si alloy

Rathod, H.J.; Nagaraju, T.; **Prashanth, Konda Gokuldoss**; Ramamurty, U. Tribology international 2019 / p. 94-101 : ill <https://doi.org/10.1016/j.triboint.2019.04.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Zur Frage der Zerreiissfestigkeitsbestimmung schmiedbarer Eisen-Kohlenstofflegierungen mittels der Schlag-Kugeldruckprobe

Maddison, Ottomar 1939 https://www.ester.ee/record=b1492744*est <https://digikogu.taltech.ee/et/Item/185f0c9d-ef3a-4a7f-aed7-b27e6db6a0a3>

Tungsten matrix composite reinforced with CoCrFeMnNi high-entropy alloy : impact of processing routes on microstructure and mechanical properties

Satyanarayana, P. V.; Sokkalingam, Rathinavelu; Jena, P. K.; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Metals 2019 / art. 992, 12 p. : ill <https://doi.org/10.3390/met9090992> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultra thin Al2O3 films grown on Ni3Al(1 0 0)

Podgurski, Vitali; Costina, Ioan; Franchy, R. Applied surface science 2003 / p. 29-36 : ill <https://www.sciencedirect.com/science/article/pii/S0169433202008024>

Unusual deformation substructure and strain hardening in an additively manufactured CoCrFeMnNi high entropy alloy under high-velocity impact loading

Chen, Hongyu; Yang, Xiaofeng; Gu, Dongdong; Liu, Yang; Yang, Shengze; Chen, Xiyu; Kosiba, Konrad; Chen, Yufei; Du, Junhang; **Prashanth, Konda Gokuldoss** Journal of Material Science and Technology 2025 / p. 35-51 <https://doi.org/10.1016/j.jmst.2025.02.087>

Wire arc additive manufacturing of NiTi 4D structures : influence of interlayer delay

Singh, Shalini; Palani, Iyamperumal Anand; Paul, Christ Prakash; Funk, Alexander; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2024 / p. 152 - 162 <https://doi.org/10.1089/3dp.2021.0296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Viscoelastic behavior of a single-crystal nickel-base superalloy

Kommel, Lembit Materials science 2009 / p. 123-128 : ill

Work hardening in selective laser melted Al12Si alloy

Prashanth, Konda Gokuldoss Material design & processing communications 2019 / art. e46, 4 p. : ill <https://doi.org/10.1002/mdp2.46>

Värvilised metallid ja sulamid

Valdma, Leo Masinaehitaja käsiraamat. 1. kd 1968 / lk. 627-644 https://www.ester.ee/record=b1298495*est

Värvilised metallid ja sulamid

Valdma, Leo 1968 https://www.ester.ee/record=b1345766*est

Värvilismetallid & -sulamid : Vene, Saksa, Soome, Rootsi standardid (markeering, koostis, omadused) : vastavus

1994 https://www.ester.ee/record=b1297803*est

Värvilismetallid & -sulamid : Vene, Saksa, Soome, Rootsi standardid (markeering, koostis, omadused) : vastavus

1996 https://www.ester.ee/record=b1419144*est

γ and α -(Fe, Ni) phase characterization using image processing and effect of phase formation on the P/M Fe(100-x)Ni(x) alloys properties

Singh, Neera; Pandey, Vaibhav; Srivastava, Gargi; Banerjee, Supriya; Parkash, Om; Kumar, Devendra Materials chemistry and

Абразивная эрозия двухфазных сплавов

Pirso, Jüri; Rauk, Marina Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 29-31 https://www.ester.ee/record=b1256812*est

Анодное растворение сплава MgZn₂

Pedokand, Tõivu; Školnikov, S.; Baïmakov, A. Известия высших учебных заведений. Цветная металлургия 1979 / с. 68-70

Влияние легирующих элементов на структуру и свойства сплавов TiC-Ni-Mo

Pirso, Jüri; Viljus, Mart Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 8-9

Влияние неоднородностей на термоэлектрические свойства сплава 80 мол.% Bi₂Te₃ + 20 мол.% Bi₂Se₃

Goltsman, B.; Komissartšik, M.; Lukjanova, L.; **Paat, Aadu** Физика и техника полупроводников = Physics and technics of semiconductors 1968 / с. 873-876 : ил https://www.ester.ee/record=b1263919*est

Влияние скорости абразивных частиц на механизм изнашивания карбидохромовых спеченных сплавов

Pirso, Jüri; Kallas, Paul Свойства и технология изготовления износостойких материалов 1980 / с. 25-32 : илл

https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Влияние содержания углерода в связке на механические свойства термообрабатываемых сплавов карбид титана - сталь

Kübarsepp, Jakob Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1985 / с. 43-46

https://www.ester.ee/record=b1645489*est

Влияние способа заточки на стойкость резцов из сплава KTHKX20

Kudrjavitsev, Vladimir; Arensbürger, Daniil Свойства и технология изготовления износостойких материалов 1982 / с. 31-36 :

илл https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Влияние термической и химико-термической обработки на свойства порошковых твердых сплавов

Pirso, Jüri; Kübarsepp, Jakob Металловедение и термическая обработка металлов : [ежемесячный научно-технический и производственный журнал] 1987 / с. 41-42

Влияния фосфора на свойства карбидохромовых спеченных сплавов

Valdma, Leo; Pirso, Jüri Тезисы докладов I республиканской конференции по порошковой металлургии : эрозионностойкие спеченные материалы и их применение 1975 / с. 15-16 https://www.ester.ee/record=b1314322*est

Возникновение и развитие трещин в карбидохромовых спеченных сплавах при сжатии

Pirso, Jüri Свойства и технология изготовления износостойких материалов 1982 / с. 21-29 : илл

https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Гидроабразивное изнашивание спеченных железохромистых сплавов

Andruševitš, A.A.; **Kallas, Paul;** Fraiman, L.I. Свойства и технология изготовления износостойких материалов 1980 / с. 11-18 :

илл https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Изготовление и свойства конструкционных износостойких сплавов TiC-Fe-C

Kübarsepp, Jakob; Valdma, Leo Порошковые конструкционные материалы : [Сборник статей] 1980 / с. 23-24

Износостойкость карбидохромовых спеченных сплавов в абразивной струе

Valdma, Leo; Pirso, Jüri Тезисы докладов всесоюзной научной конференции "Технология, свойства и применение износостойких спеченных материалов", 26-28 ноября 1974 г. 1974 / с. 12-13

Износостойкость порошковых сплавов TiC-сталь в жидких коррозионно-абразивных средах

Kübarsepp, Jakob; Arensbürger, Daniil; Valdma, Leo Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1980 / с. 100-103 https://www.ester.ee/record=b1645489*est

Износостойкость спеченных сплавов на основе карбида хрома в абразивной струе

Valdma, Leo; Pirso, Jüri Спеченные износостойкие материалы 1977 / с. 64-70 https://www.ester.ee/record=b2692826*est

Износостойкость сплавов TiC-сталь в гидроабразивной струе

Valdma, Leo; Kübarsepp, Jakob; Post, Tiit Свойства и технология изготовления износостойких материалов 1980 / с. 41-48 :

илл https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Исследование абразивной эрозии металлокерамических твёрдых сплавов типа ВК
Kleis, Ilmar; Uuemõis, Haljand; Tumanov, V.; Tiidemann, Tiit Сборник трудов 1973 / с. 123-128 : илл

Исследование абразивной эрозии спеченных вольфрамовых твердых сплавов
Kleis, Ilmar; Tumanov, V.; Uuemõis, Haljand; Tiidemann, Tiit Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1974 / с. 98-101 : илл https://www.ester.ee/record=b1645489*est

Исследование влияния многократного деформирования с промежуточным старением на прочность железоуглеродистых сплавов
Ingerma, August Износ, усталость и коррозия металлов : сборник статей. 3 1969 / с. 53-61 : илл
https://www.ester.ee/record=b2183085*est <https://digikogu.taltech.ee/et/Item/28ca169d-6b4f-44b6-92fd-45d8fc81e458/>

Исследование свойств карбидтитановых твердых сплавов, цементированных сплавами на основе железа, предназначенных для работы в условиях абразивного изнашивания : автореферат ... кандидата технических наук (05.16.06)
Kübarsepp, Jakob 1979 https://www.ester.ee/record=b2341097*est

Исследование ударного износа металлокерамических твердых сплавов разной твердости
Kleis, Ilmar Износ, усталость и коррозия металлов : сборник статей. 1 1965 / с. 11-16 : илл
https://www.ester.ee/record=b2181989*est <https://digikogu.taltech.ee/et/Item/c8c0d777-7bb9-4cb8-9189-55809fb62535>

Исследование фазового состава и текстуры электролитических сплавов меди и олова
Rusalep, Ervin Труды по физике : сборник статей. 5 1970 / с. 51-57 : илл https://www.ester.ee/record=b2189960*est
<https://digikogu.taltech.ee/et/Item/772a4309-c50e-4ac0-a978-642c38d7bfdd>

Исследование эффектов, обуславливающих размытие рентгеновских линий неравновесных электролитических сплавов
Rusalep, Ervin Физика, математика и теоретическая механика : сборник статей. 2 1967 / с. 3-7 : илл
https://www.ester.ee/record=b2182156*est <https://digikogu.taltech.ee/et/Item/9629c334-57f5-42a4-b7df-c9616b03b45d>

Исследование эффектов, обуславливающих расширение рентгеновских линий электролитических сплавов
Rusalep, Ervin XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 37 https://www.ester.ee/record=b1359832*est

Контактное взаимодействие карбида титана со сплавами на основе железа
Panasjuk, A.; Kübarsepp, Jakob; Dzökovitš, I.; Valdma, Leo Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1981 / с. 66-72 https://www.ester.ee/record=b1645489*est

Коррозионная стойкость порошковых сплавов TiC-сталь
Kübarsepp, Jakob; Valdma, Leo; Kallast, Vambola Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1980 / с. 99-101 : табл https://www.ester.ee/record=b1645489*est

Лабораторная работа по металловедению. № 2, Макроскопический анализ металлов и сплавов
1966 https://www.ester.ee/record=b1363350*est

Легирование карбидохромового спеченного сплава
Arop, A.; Valdma, Leo; Pirso, Jüri XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 181 https://www.ester.ee/record=b1306141*est

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

Материаловедение. Часть III, Диаграмма состояния железо-углерод, углеродистые стали, чугуны
Mosberg, Rudolf 1969 https://www.ester.ee/record=b1345776*est

МГД - привод для транспортирования магниевых сплавов
Grinko, Aleksandr; Kask, Rein; Laugis, Juhan; Sakkos, Heinar; Tiismus, Hugo; Teemets, Raivo Семинар по прикладной магнитной гидродинамике : тезисы докладов 1978 / с. [79-81]

МГД-перекачивание металловсплавов с малой печатной электропроводностью
Risthein, Endel Тезисы докладов ; Вып. 1 1974 / с. [?]

Некоторые закономерности абразивной эрозии твердых сплавов : автореферат ... кандидата технических наук (325)
Kabral, Hillar-Endel 1970 https://www.ester.ee/record=b1388325*est

О влиянии технологии изготовления на износостойкость порошковых железохромистых сплавов в гидроабразивной струе

Fräiman, L.I.; Kallas, Paul Свойства и технология изготовления износостойких материалов 1982 / с. 47-53 : илл
https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

О возможности использования линейного цилиндрического индуктора для измерения расхода сплавов

Parts, Innari; Parts, R. Сборник материалов к IV Таллинскому совещанию по электромагнитным расходомерам 1969 / с. 99-104 : ил https://www.ester.ee/record=b1374033*est

О выборе типа электромагнитного микрорасходомера жидкого металла

Kõiv, Ants-Kaspar Исследование электромагнитных и электромагнитных устройств управления и контроля специального назначения 1989 / с. 65-75

О фазовом составе, текстуре и шероховатости электролитических сплавов меди и олова

Rusalep, Ervin Тезисы докладов Шестой научной конференции по проблеме прочности и пластичности металлов и сплавов, посвященной 100-летию со дня рождения В.И. Ленина. (1-8 июня 1969 г.) 1969 / с. 144

ОЖЕ - анализ поверхностей трения аморфных сплавов

Лупенко, Геннадий; Твердохлебова, Светлана 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция САПР в машиностроении [и др.] 1991 / с. 20-22: ил

Основы разработки и применение абразивно-износостойких спеченных безвольфрамовых сплавов

Valdma, Leo Порошковая металлургия и область ее применения. Тезисы докладов к областному семинару (11-12 мая 1982 г.) 1982 / с. 28

Получение высокохромистых сплавов TiC-Fe-Cr, легированных кремнием

Kübarsepp, Jakob Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1986 / с. 65-69 : рис., таб https://www.ester.ee/record=b1645489*est

Предел выносливости и пластические деформации сталей в некоторых случаях совместного действия изгиба и кручения

Štšeglov, Nikolai 1958 http://www.ester.ee/record=b2145123*est

Предел выносливости и пластические деформации сталей в некоторых случаях совместного действия изгиба и кручения : автореферат ... кандидата технических наук

Štšeglov, Nikolai 1959 http://www.ester.ee/record=b1377609*est

Предел выносливости и пластические деформации сталей в некоторых случаях совместного действия изгиба и кручения

Štšeglov, Nikolai 1957 https://www.ester.ee/record=b1421848*est <https://digikogu.taltech.ee/et/Item/47d89251-e915-4070-b3a5-7878b555d2e7/>

Прочность карбидтитановых сплавов, сцементированных сплавами железа

Kübarsepp, Jakob Свойства и технология изготовления износостойких материалов 1982 / с. 11-20 : илл
https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Разработка и исследование порошковых сплавов для распылителей жидкого топлива котлоагрегатов

Arujõnova, I.; Šestjorkin, N.; Pirs, Jüri; Kübarsepp, Jakob Технология сварки при изготовлении и ремонте элементов оборудования для тепловых электростанций 1988 / с. 118-122

Разработка эрозионностойких конструкционных элементов из безвольфрамовых спеченных сплавов

Valdma, Leo; Pirs, Jüri; Kudrjavev, Vladimir; Kozjakov, Vladimir Тезисы докладов III Всесоюзного семинара по конструкционным спеченым материалам и изделиям (8-10 апр. 1975 г.) 1975 / с. 49-50

Регрессионный анализ влияния технологических факторов на свойства сплавов TiC-Ni-Co-Cr

Kudrjavev, Vladimir; Valdma, Leo Спеченные износостойкие материалы 1977 / с. 91-95
https://www.ester.ee/record=b2692826*est

Свойства спеченных дисперсионно-твердеющих сплавов Cu-Ti-B

Arensburger, Daniil; Letunovič, Sergei Износостойкие спеченные материалы и покрытия 1988 / с. 30-37

Свойства спеченных сплавов сталь-карбид титана

Kübarsepp, Jakob; Arensburger, Daniil Направления развития инструментального производства в X пятилетке : сборник тезисов докладов научно-технического семинара 1978 / с. 149 https://www.ester.ee/record=b1308562*est

Селективный износ спеченных твердых сплавов в абразивной среде

Valdma, Leo Свойства и технология изготовления износостойких материалов 1982 / с. 3-9 : илл

https://www.ester.ee/record=b1309562*est <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

Сигнал электромагнитного микрорасходомера жидкого металла

Kõiv, Ants-Kaspar Исследование электромагнитных и электромагнитных устройств управления и контроля специального назначения 1989 / с. 55-64

Специальные стальные связки для карбидо-титановых термообрабатываемых керметов

Valdma, Leo; Kübarsepp, Jakob V Международная конференция по порошковой металлургии в ЧССР. Сентябрь 1978 : сборник трудов 1978 / с. 127-142

Структурные характеристики легированных жаропрочных сплавов на основе Ni3Al

Kommel, Lembit; Kodess, Boris N.; Kommel, Igor Сборник тезисов Первого Российского кристаллографического конгресса : 21-26 ноября 2016, г. Москва 2016 / с. 375 http://www.issp.ac.ru/ebooks/conf/Cryst_Congress_1.pdf

Термодинамическое исследование сплавов магния с цинком в твердом состоянии

Pedokand, Tõivu; Školnikov, S.; Tomazova, E. Труды Ленинградского политехнического института 1976 / с. 34-39

https://www.ester.ee/record=b1684483*est

Термостойкость карбидохромовых спеченных сплавов

Pirso, Jüri; Valdma, Leo; Masing, Juhan Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 39-45 : илл

https://www.ester.ee/record=b2190702*est <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

Технология металлов и других конструкционных материалов : методическое пособие для студентов специальности 1709 (ТМ)

1981 https://www.ester.ee/record=b1314248*est

Упрочнение и разупрочнение электролитических сплавов меди и олова

Rusalep, Ervin Тезисы докладов Седьмой Всесоюзной конференции по физике прочности металлов и сплавов 1973 / с. 128

Упрочные и разупрочные электролитических сплавов меди и олова при отжиге

Rusalep, Ervin Труды по физике : сборник статей. 7 1975 / с. 13-21 : илл https://www.ester.ee/record=b2190700*est

<https://digikogu.taltech.ee/et/Item/bf8b5df4-d382-41b8-b242-1b2db192e257>

Экспериментальное исследование асинхронного насоса при перекачивании сплава свинец-висмут

Gnussov, R.; Konin, M.; **Mežburd, Volf**; Naumov, N.; Teearu, Viktor Электромагнитные насосы для транспорта жидких металлов 1965 / с. 119-125 https://www.ester.ee/record=b2083931*est

Экспериментальное исследование возможности применения прецизионных магнитомягких сплавов в индукционных МГД-машинах

Musikka, Arvo; Sakkos, Heinar Гибкие автоматизированные производственные системы и их элементы для литейного производства 1987 / с. 79-83