Acoustic studies on porous sintered powder metals
Luppin, Janek; Auriemma, Fabio Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 47-52 : ill

Bainitic structure effect on hydrogen embrittlement
Peetsalu, Priidu; **Mikli, Valdek**; **Ratas, Kaarin**; **Kulper, Eha**; **Jaason, Karli** Journal of the Japan Society for Heat Treatment 2009 / p. 592-595

Challenges of additive manufacturing of electrical machines
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Rassõlkin, Anton**; **Vaimann, Toomas** 2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED), 27-30 Aug. 2019, Toulouse, France : proceedings 2019 / p. 44-48 : ill https://doi.org/10.1109/DEMPED.2019.8864850

Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings
Simson, Taavi; **Kulu, Priit**; **Surženkov, Andrei**; Ciuplys, Antanas; **Viljus, Mart**; Zaldarys, Gintautas Materials science = Medžiagotyra 2018 / p. 172-176 : ill https://doi.org/10.5755/j01.ms.24.2.19121 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Competition between densification and microstructure of functional materials by Selective Laser Melting
Singh, Neera; **Ummethala, Raghunandan**; Hameed, Pearlin; Sokkalingam, Rathinavelu; **Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / art. e146, 7 p. : ill https://doi.org/10.1002/mdp2.146 Journal metrics at Scopus Article at Scopus

Crystallization and growth kinetics of Zr65Cu25Ni5Ag2.5Al2.5 glass
Prashanth, Konda Gokuldoss Material design & processing communications 2020 / art. e137, 10 p. : ill https://doi.org/10.1002/mdp2.137 Journal metrics at Scopus Article at Scopus

Durability of complex shape punch in thick sheet metal fine-blanking
Veinthal, Renno; **Peetsalu, Priidu**; **Saarna, Mart**; Talkop, Adolf European Conference on Heat Treatment and 21st IFHTSE Congress : May, 12th-15th, 2014, Munich, Germany : proceedings 2014 / p. 399-406 : ill

Eesti inseneri tehnoloogia aitab eraldada arvuti trükkplaatidest väärtuslikud metallid [Võrguväljaanne]
keskkonnatehnika.ee 2021 "Eesti inseneri tehnoloogia aitab eraldada arvuti trükkplaatidest väärtuslikud metallid"

Eesti inseneri tehnoloogia aitab eraldada vanadest arvutiosadest väärtuslikud metallid [Võrguväljaanne]
Bioneer.ee 2021 "Eesti inseneri tehnoloogia aitab eraldada vanadest arvutiosadest väärtuslikud metallid"

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]

Eritöötlusviisid : [konspekt teosest J.A.McGeogh. Advanced methods of machining. London, Chapman and Hall]
Vällo, Arnold 1994 https://www.ester.ee/record=b1065463*est

Evaluation of hardmetals and cermets durability in plastic forming of metals
Kübarsepp, Jakob; **Klaasen, Heinrich** Proceedings of Joint Nordic Conference in Powder Technology 2000 / p. 4

Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion
Omranpour Shahreza, Babak; Ivanisenko, Yulia; Kulagin, Roman; **Kommel, Lembit**; Sanchez, E. Garcia; Nugmanov, Dayan; Scherer, Torsten; Heczel, Anita; Gubicza, Jeno Materials Science and Engineering : A 2019 / art. 138074, 10 p. : ill https://doi.org/10.1016/j.msea.2019.138074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hard metals serviceability in sheet metal forming operations
Reshetnjak, Heinrich 1996 http://www.ester.ee/record=b1070449*est

INNOMET II jätkuprojekti avakoosolek : [13.-14. okt. Riias]
Otto, Tauno Mente et Manu 2005 / 19. okt., lk. 2 https://artiklid.elnet.ee/record=b2350503*est

20 000 vandaalikindlat mesilast
Mente et Manu 2018 / lk. 6 : fot https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/ http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2836001*est

Keemia ja metallide töötlemine
Help, Kalju Tehnika ja Tootmine 1970 / 1, lk. 18-19 ; 2, lk. 77-78 https://www.ester.ee/record=b1073047*est

Laboratoorsete tööde juhendid metalliõpetuses

1996 https://www.ester.ee/record=b1058051*est

Laboratoorsete tööde juhendid metalliõpetuses. II
1998 https://www.ester.ee/record=b1207471*est

Magneto-mechanical modeling of electrical steel sheets
Aydin, Ugur; Rasilo, Paavo; Martin, Floran; Singh, Deepak; Daniel, Laurent; **Belahcen, Anouar**; Rekik, Mahmoud; Hubert, Olivier; Kouhia, Reijo; Arkkio, Antero Journal of magnetism and magnetic materials 2017 / p. 82-90 : ill
https://doi.org/10.1016/j.jmmm.2017.05.008

Manufacturability issues in incremental sheet forming
Pohlak, Meelis; **Majak, Jüri**; **Küttner, Rein** Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 157-162 : ill

Mehaanikainseneri käsiraamat
2012 https://www.ester.ee/record=b2860301*est

Mehaanikainseneri käsiraamat
Gomeringer, Roland; Heinzler, Max; Kilgus, Roland 2022 https://www.ester.ee/record=b5469119*est

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine [Võrguteavik] : üldreeglid = Specification and qualification of welding procedures for metallic materials : general rules (ISO 15607:2019)
2019 https://www.ester.ee/record=b5295429*est

Metallide omadused ja katsetamine
Kallas, Paul; **Kulu, Priit**; **Kübarsepp, Jakob** 1994 https://www.ester.ee/record=b1066838*est

Metallide tehnoloogia : juhendmaterjalid harjutustöödeks
Kübarsepp, Jakob; **Kommel, Feodor**; **Laansoo, Andres** 1997 https://www.ester.ee/record=b1059864*est

Metalliõpetus
Kulu, Priit 2005 http://www.ester.ee/record=b2071764*est

Metalliõpetus ja metallide tehnoloogia
Kulu, Priit; **Kübarsepp, Jakob**; **Valdma, Leo** 2000 https://www.ester.ee/record=b1053814*est

Metalliõpetus ja metallide tehnoloogia
Kulu, Priit; **Kübarsepp, Jakob**; **Valdma, Leo** 1998 https://www.ester.ee/record=b1053814*est

Metalliõpetus ja metallide tehnoloogia : eesti-inglise-saksa-vene terminid ja määratlused
1998 https://www.ester.ee/record=b1193488*est

Metalliõpetuse laboratoorsete tööde juhendid
2000 https://www.ester.ee/record=b1059269*est

Metalsete materjalide keevisliidete purustav katsetamine [Võrguteavik] : löökpaindekatsed. Katsekehade asukoht, soone asend ja uurimine = Destructive tests on welds in metallic materials : impact tests. Test specimen location, notch orientation and examination (ISO 9016:2012)
2019 https://www.ester.ee/record=b5199009*est

Metalsete materjalide keevisõmbluste purustav katsetamine : keevisõmbluste makroskoopiline ja mikroskoopiline uuring = Destructive tests on welds in metallic materials : macroscopic and microscopic examination of welds (ISO 17639:2022)
2022 https://www.ester.ee/record=b5507297*est

Metalsete materjalide keevisõmbluste purustav katsetamine : löökpaindekatsed. Katsekehade asukoht, soone asend ja uurimine = Destructive tests on welds in metallic materials : impact tests. Test specimen location, notch orientation and examination (ISO 9016:2022)
2024 https://www.ester.ee/record=b5678158*est

Metalsete materjalide keevisõmbluste purustav katsetamine : paindekatse = Destructive tests on welds in metallic materials : bend tests (ISO 5173:2023)
2024 https://www.ester.ee/record=b5678083*est

Metalsete materjalide keevisõmbluste purustav katsetamine : ristsuunalised tõmbekatsed = Destructive tests on welds in metallic materials : transverse tensile test (ISO 4136:2022)

2024 https://www.ester.ee/record=b5678037*est

Metalsete materjalide keevisõmbluste purustav katsetamine [Võrguteavik] : paindekatse = Destructive tests on welds in metallic materials : bend tests (ISO 5173:2009+ISO 5173:2009/Amd 1:2011)
2019 https://www.ester.ee/record=b5225904*est

Metalsete materjalide purustavad katsetused [Võrguteavik] : murdekatse = Destructive tests on welds in metallic materials : fracture test (ISO 9017:2017)
2018 https://www.ester.ee/record=b4780447*est

Microstructural characteristics and properties of reactive sintered TiC-based cermets
Juhani, Kristjan; **Pirso, Jüri**; **Viljus, Mart**; **Letunovitš, Sergei** 17th Plansee Seminar : International Conference on High Performance P/M Materials : Reutte, Austria, 25-29.05.2009 : proceedings. Vol. 2 2009 / p. HM56/1-HM65/6

Modeling and simulations of 4H-SiC/6H-SiC/4H-SiC single quantum-well light emitting diode using diffusion bonding technique
Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas** Micromachines 2021 / art. 1499 https://doi.org/10.3390/mi12121499 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multiple role of fluxing agent in the recrystallization process
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; Meissner, Dieter; Brammer, T. Proceedings of the 2nd World Conference on Photovoltaic Solar Energy Conversion : Jerusalem, Israel, July 4-9, 1999. Vol. 1 2000 / p. 732-734

Nanosructured copper manufacturing features and mechanical/physical properties forming
Kommel, Lembit Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 22-24 : ill

New advanced technologies for nanocrystalline metals manufacturing
Kommel, Lembit Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 195-198 : ill

Peculiarities of hardmetals wear in blanking of sheet metals
Klaasen, Heinrich; **Kübarsepp, Jakob**; Eigi, R. Tribology international 2006 / 4, p. 303-309 : ill

Peculiarities of microstructure evolution and property changes of titanium alloys in situ during electric forging
Kommel, Lembit Materials performance and characterization 2020 / p. 75−88 : ill https://doi.org/10.1520/MPC20190109 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Performance of tool steels strengthened by PVD coatings
Klaasen, Heinrich; **Kübarsepp, Jakob**; **Tšinjan, Aleksei**; **Adoberg, Eron**; **Vainola, Vello** World PM 2010 : International Powder Metallurgy Congress & Exhibition : 10th October – 14th October 2010 : Fortezza da Basso, Florence, Italy 2010 / [6] p

Perspectives of metal-diamond composites additive manufacturing using SLM-SPS and other techniques for increased wear-impact resistance
Rahmani Ahranjani, Ramin; Brojan, Miha; **Antonov, Maksim**; **Prashanth, Konda Gokuldoss** International journal of refractory metals and hard materials 2020 / art. 105192, 13 p. : ill https://doi.org/10.1016/j.ijrmhm.2020.105192 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Programmeeritud õppevahend enesekontrolliks õppeaines "Metallograafia ja termiline töötlemine"
Mosberg, Rudolf 1968 https://www.ester.ee/record=b1345272*est

Proosa meie elus ehk tutvumisretk metallide maailma
Papstel, Jüri Horisont 1969 / lk. 17-22 : foto https://www.ester.ee/record=b1072243*est https://www.digar.ee/arhiiv/et/perioodika/69605

Põlevkivikütte kasutamisest sepiste kuumutamisel
Öpik, Ilmar Populaar- ja rakendustehniline kogumik. 3 1949 / lk. 11-13 : ill https://www.ester.ee/record=b1435798*est

Rapid prototyping for sheet-metal forming
Vihtonen Lamminen, Lotta; **Wadman, Boel**; **Svinning, Torgeir**; Küttner, Rein ASM handbook. Volume 14B, Metalworking : sheet forming 2006 / p. 851-858 : ill

Retk metallide maailma
Papstel, Jüri Horisont 1970 / lk. 23-27 : ill https://www.ester.ee/record=b1072243*est https://www.digar.ee/arhiiv/et/perioodika/69698

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 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

Sepatöö
Kulu, Priit 2021 https://www.ester.ee/record=b5417218*est

Severe plastic deformation of metals by using high pressure torsion extrusion = Metallide süvaplastne deformeerimine kõrgsurve-väändeekstrusiooni meetodil
Omranpour Shahreza, Babak 2019 https://digikogu.taltech.ee/et/Item/e74f8a8e-4021-4cd2-b1f0-cb91d05b9a56

SmartIC teaduse teekaardil - uus metalli 3D-printimise süsteem
Otto, Tauno Mente et Manu 2017 / lk. 38 http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2830875*est

Steels, hardmetals and hardfacings for abrasive wear applications
Kulu, Priit; **Tarbe, Riho**; **Saarna, Mart**; **Surženkov, Andrei**; **Peetsalu, Priidu**; **Viljus, Mart** European Conference on Heat Treatment and 21st IFHTSE Congress : May, 12th-15th, 2014, Munich, Germany : proceedings 2014 / p. 449-456 : ill

Tehniline joonestamine : metallitöö
Ussisoo, Teodor 1940 https://www.ester.ee/record=b1635405*est

The investigation mechanism of structure forming in titanium alloys by electric upset forging
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. 66

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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Titanium and chromium carbide based cermets
Pirso, Jüri 1996 http://www.ester.ee/record=b1070455*est

Tools' module as a part of a knowledge-based information system
Molodkov, Vadim Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 122-124 : ill

Toughness of hardmetals and their durability in metalforming operations
Reshetnjak, Heinrich; **Kübarsepp, Jakob** Proceedings of Joint Nordic Conference in Powder Technology : May 5-6, 1999, Oslo, Norway 1999 / p. 37

Transpordi- ja laadimistööde mehhaniseerimine ja selle majanduslik efektiivsus masinaehituse ja metallitöötlemise ettevõtetes : (Eesti NSV materjalide alusel) : dissertatsioon majandusteaduste kandidaadi teadusliku astme taotlemiseks
Herne, Vello 1965 https://www.ester.ee/record=b4453340*est

Uudne ja soodne metalli 3D-printer
Mente et Manu 2018 / lk. 34 : fot http://www.ester.ee/record=b1242496*est http://dea.digar.ee/publication/AKmenteetmanu https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868931*est

Vergleich des eingestrahlten und des gerichtet reflektierten Pulses bei Metallbearbeitung mit einem gepulsten Festkörperlaser
Põldmaa, Veiko; **Rahula, Aare**; Sowada, U. Laser und Optoelektronik 1994 / 3, S. 71-75

Влияние состояния поверхности металла на начальную стадию процесса окисления
Hunt, A.; **Prikk, Arvi** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 65 : илл https://www.ester.ee/record=b1305565*est

Гипотеза о постоянстве удельной энергии образования ударной лунки на металлической преграде
Kleis, Ilmar Трение и износ в машинах 1978 / с. 3-8 https://www.ester.ee/record=b2190999*est https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0,0,1964,3047

Задачи и направления совершенствования парка металлообрабатывающего оборудования приборостроения
Kovaltšuk, Aleksandr Проблемы экономики машиностроения и металлообработки Эстонской ССР 1980 / с. 63-69
https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Лабораторная установка для исследования динамики изменения спектральной степени черноты сталей в ходе их нагрева
Viilmann, Illar; **Tiikma, Toomas** Исследование работы парогенераторов электростанций 1987 / с. 85-91

Механизация транспортных и погрузочно-разгрузочных работ на машиностроительных и металлообрабатывающих предприятиях и ее экономическая эффективность : (на материалах Эстонской ССР) : автореферат ... кандидата экономических наук
Herne, Vello 1965 https://www.ester.ee/record=b1378051*est

Некоторые вопросы оперативного регулирования производства на участке механического цеха в условиях использования ЭВМ
Alver, Jaan Проблемы экономики машиностроения и металлообработки Эстонской ССР 1980 / с. 95-107 : илл
https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Определение рационального радиуса концентрации ремонтных работ
Kilvits, Kaarel Проблемы экономики машиностроения и металлообработки Эстонской ССР 1980 / с. 39-41
https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Основные направления совершенствования организации ремонта орудий труда и подсобного металлообрабатывающего производства в Эстонской ССР
Kull, Eduard Проблемы экономики машиностроения и металлообработки Эстонской ССР 1980 / с. 29-37
https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Основы определения потребности в кадрах со специальным образованием в промышленности : (на примере машиностроения и металлообработки Эстонской ССР) : автореферат ... кандидата экономических наук (08.00.05)
Tartu, Ülo 1982 https://www.ester.ee/record=b1521428*est

Применение пластических масс и его экономическая эффективность в машиностроении и металлообработке Эстонской ССР : автореферат диссертации на соискание ученой степени кандидата экономических наук (594)
Kanne, Leida 1968 https://www.ester.ee/record=b1410193*est

Проблемы экономики машиностроения и металлообработки Эстонской ССР
1980 https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Разработка новых видов электрооборудования для гибкого автоматизированного литейного производства : автореферат ... доктора технических наук (05.09.03)
Laugis, Juhan 1987

Руководства к лабораторным работам по курсу "Технология металлов" раздел "Металловедение и термическая обработка" : для студентов немашиностроительных специальностей
1976 https://www.ester.ee/record=b1292934*est

Руководство к лабораторным работам по металловедению
2000 https://www.ester.ee/record=b1400090*est

Состояние и основные концепции перспективного развития машиностроения и металлообработки Эстонской ССР

Kull, Eduard; **Eigi, Kalvi** Проблемы экономики машиностроения и металлообработки Эстонской ССР 1980 / с. 3-18
https://www.ester.ee/record=b1301473*est https://digikogu.taltech.ee/et/Item/de56781e-edc8-46c3-bbf3-1411b7885dc9

Технология металлов и конструкционных материалов : методическое пособие для студентов специальности 1709 (ТМ)
1988 https://www.ester.ee/record=b1233227*est

Химико-термическая обработка спеченных материалов и деталей сельскохозяйственных машин
Kulu, Priit; Jakovlev, B.I. Спеченные конструкционные материалы 1976 / с. 71-75

Электровысадка титановых заготовок с регламентируемыми структурой и свойствами
Kommel, Lembit; Teterin, G. Кузнечно-штамповочное производство 1998 / 8, с. 35-40: ил