

Aluminum based composite by novelty process : Repetitive Press Roll Bonding (RPRB)

Pramono, Agus; Kollo, Lauri; Veinthal, Renno Procedia chemistry 2015 / p. 473-479 : ill

<http://dx.doi.org/10.1016/j.proche.2015.12.081>

Circumventing Solidification Cracking Susceptibility in Al-Cu Alloys Prepared by Laser Powder Bed Fusion

Xi, Lixia; Lu, Qiuyang; Gu, Dongdong; Cao, Shaoting; Zhang, Han; Kaban, Ivan; Sarac, Baran; **Prashanth, Konda Gokuldoss**;

Eckert, Jürgen 3D Printing and Additive Manufacturing 2024 / p. E731 - E742 <https://doi.org/10.1089/3dp.2022.0207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of TiB₂ particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting

Xi, L.; Wang, P.; **Prashanth, Konda Gokuldoss**; Li, H. Journal of alloys and compounds 2019 / p. 551-556 : ill

<https://doi.org/10.1016/j.jallcom.2019.01.327> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Kulu, Priit 2001 https://www.ester.ee/record=b1563504*est

Evaluation of high performance aluminum for microwave filters

Martin-Iglesias, P.; **Raadik, Taavi**; Teberio, F.; Percz, J.M.; Martin-Iglesias, S.; Pambaguian, L.; Arregui, I.; Laso, M.A.G. 2019 IEEE

MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings 2019 / p. 1183-1186

<https://doi.org/10.1109/MWSYM.2019.8700938> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Heat treatment of ultrafine grained AA6061 consolidation by equal channel angular pressing

Pramono, Agus; Kollo, Lauri; Kallip, Kaspar; Veinthal, Renno; Gomon, Jaana-Kateriina Instrumentation and measurement

systems 2015 / p. 252-256 <http://dx.doi.org/10.4028/www.scientific.net/AMM.771.252>

In situ Mo(Si,Al)₂-based composite through selective laser melting of a MoSi₂-30 wt.% AlSi10Mg mixture

Minasyan, Tatevik; Aydinyan, Sofiya; Toyserkani, Ehsan; **Hussainova, Irina** Materials 2020 / art. 3720 ; 13 p

<https://doi.org/10.3390/ma13173720> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An Investigation into the Thermomechanical Processing and Dynamic Recrystallization Mechanisms of High-Magnesium Aluminum Alloys

Ye, Zili; Zhou, Zixiao; Ye, Zhaolin; Wang, Zhi; Zhao, Qizhong; **Prashanth, Konda Gokuldoss** Materials 2025 / art. 2734

<https://doi.org/10.3390/ma18122734>

Joining of CrNi steel and AlMg alloy without interlayers

Dahms, Steffen; **Kulu, Priit; Veinthal, Renno**; Basler, Ursula Estonian journal of engineering 2010 / 4, p. 273-284 : ill

Keevitajate atesteerimine. Sulakeevitus

Laansoo, Andres 2010 https://www.ester.ee/record=b2595016*est

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine

Tallermo, Harri 1998 https://www.ester.ee/record=b1060921*est

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 2, Alumiiniumi ja selle sulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 2, Arc welding of aluminium and its alloys (ISO 15614-2:2005)

2011 https://www.ester.ee/record=b2730254*est

Microstructure and microhardness characteristics in the interface region of Ti/TiAl-Nb diffusion bonding

Kommel, Lembit Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3,

2003, Tallinn, Estonia : abstracts 2003 / p. 56

Microstructure evolution and hot deformation behavior of spray-deposited TiAl alloys

Jia, Yandong; Xu, Long; Ma, Pan; **Prashanth, Konda Gokuldoss** Journal of materials research 2018 / p. 2844-2852 : ill

<https://doi.org/10.1557/jmr.2018.249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure formation and mechanical performance of micro-nanoscale ceramic reinforced aluminum matrix composites manufactured by laser powder bed fusion

Xi, Lixia; Feng, Lili; Gu, Dongdong; **Prashanth, Konda Gokuldoss**; Kaban, Ivan; Wang, Ruiqi; Xiong, Ke; Sarac, Baran; Eckert,

Jürgen Journal of alloys and compounds 2023 / art. 168803 <https://doi.org/10.1016/j.jallcom.2023.168803> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nanoparticulate reinforced aluminum alloy composites produced by powder metallurgy route

Kallip, Kaspar; Kollo, Lauri; Leparoux, Marc; Bradbury, Christopher R. Advanced composites for aerospace, marine, and land

applications II : proceedings of a symposium sponsored by The Minerals, Metals & Materials Society (TMS) held during TMS 2015, March 15-19, 2015, Walt Disney World, Orlando, Florida, USA 2015 / p. 165-174 <http://dx.doi.org/10.1002/9781119093213>

Removing the oxide layer in a nanostructured aluminum alloy by local shear deformation between nanoscale phases

Wang, Zhi; **Prashanth, Konda Gokuldoss**; Zhang, W.W. Powder technology 2019 / p. 733-737 : ill

<https://doi.org/10.1016/j.powtec.2018.11.093> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melting of nanostructured Al-Y-Ni-Co alloy

Wang, Zhi; Scudino, Sergio; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Manufacturing letters 2020 / p. 21-25

<https://doi.org/10.1016/j.mfglet.2020.06.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solidification of Al-xCu alloy under high pressures

Liu, Xiao; Ma, Pan; Jia, Yandong; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 / p. 2983-2991

: ill <https://doi.org/10.1016/j.jmrt.2020.01.049> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sulametalli doseerimise manipulaator

Reinsalu, I.; Pettai, Elmo XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110.

sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 103 https://www.ester.ee/record=b1322611*est

Terased : eurostandardid (liigitus, tähistus, markeering, koostis, margivastavus) : firmaterased. Alumiiniumisulamid : eurostandardid (markeering, koostis, margivastavus) : firmasulamid

1998 https://www.ester.ee/record=b1223692*est

Лабораторная работа. № 7, Термическая обработка дюралюмина

1966 https://www.ester.ee/record=b1434930*est