Adhesive wear of WC- and TiC-based friction stir welding tool materials for aluminium alloy welding [Electronic resource]
Kolnes, Mart; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; **Kolnes, Märt** European Powder Metallurgy Association : proceedings : 14 – 18 October 2018, Bilbao, Spain 2018 / 6 p. : ill. [USB] https://www.epma.com/publications/euro-pm-proceedings/product/euro-pm2018-proceedings-usb

Atomic layer deposition of aluminaon g-Al2O3 nanofibres
Jõgiaas, Taivo; Arroval, Tõnis; **Kollo, Lauri**; **Hussainova, Irina** Physica status solidi (a) : applications and materials science 2014 / p. 403-408 : ill https://doi.org/10.1002/pssa.201330083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dehydration of AlPO4-34 studied by variable-temperature NMR, XRD and first-principles calculations
Varlec, Jure; Krajnc, Andraž; **Vanatalu, Kalju**; **Oss, Andres**; **Samoson, Ago** New journal of chemistry 2016 / p. 4178-4186 : ill https://doi.org/10.1039/c5nj02838h Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deposition of iron oxide nanoparticles on mesoporous alumina network by wet-combustion technology
Kamboj, Nikhil Kumar; **Saffarshamshirgar, Ali**; Shirshneva-Vaschenko, Elena; **Hussainova, Irina** Materials chemistry and physics 2019 / p. 340-346 : ill https://doi.org/10.1016/j.matchemphys.2018.12.095 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Encapsulated whiskers as electroconductive fillers for ceramics
Hussainova, Irina; **Ivanov, Roman**; Kale, Sudhir S.; Jasiuk, Iwona Short fibre reinforced cementitious composites and ceramics 2019 / p. 131-[139] https://doi.org/10.1007/978-3-030-00868-0_9

Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis
Aghayan, Marina; **Voltšihhin, Nikolai**; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando; **Dong, Minjie**; **Hussainova, Irina** Ceramics international 2014 / p. 12603-12607 : ill https://doi.org/10.1016/j.ceramint.2014.04.087 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Grain refinement in laser manufactured Al-based composites with TiB2 ceramic
Xi, Lixia; Guo, Shuang; Wang, Ruiqi; Ding, Kai; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 / p. 2611−2622 https://doi.org/10.1016/j.jmrt.2020.04.059 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hardness of hot consolidated Al-SiC nanocomposites from planetary milled powders
Kollo, Lauri; Leparoux, Marc; Bradbury, Christopher R.; **Kommel, Lembit**; Carreno-Morelli, Efrain; Rodriguez-Arbaizar, M. World PM2010 proceedings. Vol. 1, Powder Manufacturing and Processing, Miniaturization and Nanotechnology, Powder Pressing 2010 / p. 341-346 https://www.researchgate.net/publication/272160715_Hardness_of_Hot_Consolidates_Al-SiC_Nanocomposites_from_Planetary_Milled_Powders

High-strength aluminum alloy of ultrafine grained by consolidation-ECAP
Pramono, Agus; **Kollo, Lauri**; **Kommel, Lembit**; **Veinthal, Renno** IOP conference series : materials science and engineering 2019 / art. 012035, 7 p. : ill https://doi.org/10.1088/1757-899X/478/1/012035 Conference proceedings at Scopus Article at Scopus Article at WOS

Impact pressure on mechanical properties of aluminum based composite by ECAP-parallel channel
Pramano, Agus; Dhoska, Klodian; Markja, Irida; **Kommel, Lembit** Pollack periodica 2019 / p. 67–74 https://doi.org/10.1556/606.2019.14.1.7 Journal metrics at Scopus Article at Scopus

Microstructure and mechanical properties of Al–(12-20)Si bi-material fabricated by selective laser melting
Zhang, Shikai; Ma, Pan; Jia, Yandong; Yu, Zhishui; Sokkalingam, Rathinavelu; Shi, Xuerong; Ji, Pengcheng; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Materials 2019 / art. 2126, 11 p. : ill https://doi.org/10.3390/ma12132126 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Parametric study on in situ Laser powder bed fusion of Mo(Si1−x,Alx)2
Minasyan, Tatevik; **Aydinyan, Sofiya**; Toyserkani, Ehsan; **Hussainova, Irina** Materials 2020 / art. 4849, 17 p. : ill https://doi.org/10.3390/ma13214849 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melting of 316L stainless steel : Influence of TiB2 addition on microstructure and mechanical properties
Salaman, O. O.; Gammer, C.; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Materials today communications 2019 / art. 100615, 7 p. : ill https://doi.org/10.1016/j.mtcomm.2019.100615 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of the firing temperature on the hardness of alumina porcelain
Štubna, Igor; Šin, Peter; **Viljus, Mart**; Trnik, Anton Materials and technology = Materiali in tehnologije 2014 / p. 331-336 : ill http://mit.imt.si/izvodi/mit143/stubna.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal behaviour of ammonium nitrate prills coated with limestone and dolomite powder

Kaljuvee, Tiit; Rudjak, Irina; **Trikkel, Andres**; **Mikli, Valdek** MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 117 https://link.springer.com/article/10.1007/s10973-009-0391-y

Thermoreactive polymer composite with high particulate filler content = Suure pulbrilise täiteaine sisaldusega termoreaktiivne polümeerkomposiit
Aruniit, Aare 2014 http://www.ester.ee/record=b3092370*est

Towards blue long-lasting luminescence of Eu/Nd-doped calcium-aluminate nanostructured platelets via the molten salt route
Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Serrano, Aida; **Hussainova, Irina** Nanomaterials 2019 / art. 1473, 14 p. : ill https://doi.org/10.3390/nano9101473 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS