

Assessment of 3D printed steels and composites intended for wear applications in abrasive, dry or slurry erosive conditions

Kumar, Rahul, 1993-; Antonov, Maksim; Beste, U.; Goljandin, Dmitri International journal of refractory metals and hard materials 2020 / art. 105126, 9 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of temperature on erosive and abrasive wear of carbide reinforced powder steels

Veinthal, Renno; Antonov, Maksim Tribology 2011 : proceedings of the 10th International Tribology Conference, Pretoria, South Africa, 5-7 April 2011 2011 / p. 104-111 : ill

Hot consolidation of aluminum and aluminum nano-MMC powders by Equal Channel Angular Pressing

Kollo, Lauri; Kallip, Kaspar; Gomon, Jaana-Kateriina; Kommel, Lembit Materials science = Medžiagotyra 2012 / p. 234-237 : ill https://www.researchgate.net/publication/267226658_Hot_Consolidation_of_Aluminium_and_Aluminium_nano-MMC_Powders_by_Equal_Channel_Angular_Pressing

Microstructure and mechanical properties of near net shaped aluminium/alumina nanocomposites fabricated by powder metallurgy

Kallip, Kaspar; Babu, N. Kishore; AlOgab, Khaled A.; Kollo, Lauri; Maeder, Xavier; Arroyo, Yadira; Leparoux, Marc Journal of alloys and compounds 2017 / p. 133-143 : ill <https://doi.org/10.1016/j.jallcom.2017.04.233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and properties of in situ high entropy alloy/tungsten carbide composites by mechanical alloying

Sokkalingam, Rathinavelu; **Tarraste, Marek; Surreddi, Kumar Babu; Traksmaa, Rainer; Muthupandi, Veerappan; Sivaprasad, Katakam; Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / 9 p. : ill <https://doi.org/10.1002/mdp2.175> [Journal metrics at Scopus](#) [Article at Scopus](#)

Nano-silicon carbide reinforced aluminium produced by high-energy milling and hot consolidation

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Processing of Al-based composite material by selective laser melting: A perspective

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Production technology elaboration and characterization of Al-MWCNT, Al-fullerenes and Al-B4C composites

Kommel, Lembit; Metsvahi, Rainer; Mihhaltsenkov, M. Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 651-656 : ill

Recent developments on wear and corrosion behavior of iron/iron–nickel metal matrix composites reinforced with zirconia

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Selective laser manufacturing of Ti-based alloys and composites : impact of process parameters, application trends, and future prospects

Singh, Nirmal Kumar; Hameed, Pearlin; Ummethala, Raghunandan; Manivasagam, Geetha; Prashanth, Konda Gokuldoss; Eckert, Juergen H. Materials Today Advances 2020 / Art. 100097 <https://doi.org/10.1016/j.mtadv.2020.100097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)