

### **Additive Manufacturing and Performance of E-Type Transformer Core**

**Tiismus, Hans; Kallaste, Ants;** Belahcen, Anouar; **Rassõlkin, Anton; Vaimann, Toomas; Ghahfarokhi, Payam Shams** Energies 2021 / art. 3278 <https://doi.org/10.3390/en14113278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 TiC-based cermets : a detailed comparison with spark plasma sintered samples**

**Maurya, Himanshu Singh;** Jayaraj, Jayamani; Vikram, Raja Jothi; **Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170436 <https://doi.org/10.1016/j.jallcom.2023.170436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Additively manufactured mesostructured MoSi2-Si3N4 ceramic lattice**

**Minasyan, Tatevik; Liu, Le; Holovenko, Yaroslav; Aydinyan, Sofiya; Hussainova, Irina** Ceramics international 2019 / p. 9926-9933 <https://doi.org/10.1016/j.ceramint.2019.02.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioactive ceramic scaffolds for bone tissue engineering by powder bed selective laser processing : a review**

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### **Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin**

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### **Comparative investigation of microstructure, mechanical properties and strengthening mechanisms of Al-12Si/TiB2 fabricated by selective laser melting and hot pressing**

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### **Comparison of mechanical and antibacterial properties of TiO2/Ag ceramics and Ti6Al4V-TiO2/Ag composite materials using combined SLM-SPS techniques**

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**Effect of powder bed preheating on the crack formation and microstructure in ceramic matrix composites fabricated by laser powder-bed fusion process**

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**High virucidal potential of novel ceramic-metal composites fabricated via hybrid selective laser melting and spark plasma sintering routes**

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**Hybrid metal-ceramic biomaterials fabricated through powder bed fusion and powder metallurgy for improved impact resistance of craniofacial implants**

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**In situ Mo(Si,Al)<sub>2</sub>-based composite through selective laser melting of a MoSi<sub>2</sub>-30 wt.% AlSi<sub>10</sub>Mg mixture**

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### **Ti6Al7Nb–TiB nanocomposites for ortho-implant applications**

**Singh, Neera**; Edachery, Vimal; Rajput, Monika; Chatterjee, Kaushik; Kailas, Satish V.; **Prashanth, Konda Gokuldoss** Journal of materials research 2022 / p. 2525–2535 <https://doi.org/10.1557/s43578-022-00578-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tribological behavior of 316L stainless steel manufactured by selective laser melting**

Al Noaimy, Omar; AlMangour, Bandar; Abdulsalam, Ezzet H.; Eckert, J.; **Prashanth, Konda Gokuldoss**; Chaubey, A. K.; Scudino, S.; Alzuhairyh, Sabih Hashim 4th international conference on architectural & civil engineering sciences 2023 / p. 142-146 <https://doi.org/10.24086/ICACE2022/paper.889>

### **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](#)

### **Use of selective laser melting for manufacturing the porous stack of a thermoacoustic engine**

**Auriemma, Fabio; Holovenko, Yaroslav** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 246-251 : ill <https://www.scientific.net/KEM.799.246> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://doi.org/10.4028/www.scientific.net/KEM.799.246> [Conference proceeding at Scopus](#) [Article at Scopus](#)

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