

### **Duplex TiN coatings deposited by arc plating for increased corrosion resistance of stainless steel substrates**

Rudenja, Sergei; Leygraf, C.; Pan, J.; Kulu, Priit; Talimets, Ellen; Mikli, Valdek Surface & coatings technology 1999 / p. 129-136 : ill [http://dx.doi.org/10.1016/S0257-8972\(99\)00033-X](http://dx.doi.org/10.1016/S0257-8972(99)00033-X)

### **Effect of WC grain size and content on erosive wear of manual arc welded hardfacings with low-carbon ferritic-pearlitic steel or stainless steel matrix**

Katinas, Egidijus; Antonov, Maksim; Jankauskas, Vytenis; Skirkus, Remigijus Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 213-218 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.213> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Erosion wear behavior of HVOF-sprayed WC/Cr<sub>3</sub>C<sub>2</sub>-based cermet and martensitic stainless steel coatings on AISi7Mg0.3 alloy : a comparative study**

Korobov, Yuri; Antonov, Maksim; Astafiev, Vladimir; Brodova, Irina; Kutaev, Vladimir; Estemirova, Svetlana; Devyatyarov, Mikhail; Okulov, Artem Journal of manufacturing and materials processing 2024 / art. 231 <https://doi.org/10.3390/jmmp8050231> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Friction studies of metal surfaces with various 3D printed patterns tested in dry sliding conditions**

Holovenko, Yaroslav; Antonov, Maksim; Kollo, Lauri; Hussainova, Irina Proceedings of the Institution of Mechanical Engineers. Part J, Journal of engineering tribology 2018 / p. 43-53 <https://doi.org/10.1177/1350650117738920> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Impact of the scanning strategy on the mechanical behavior of 316L steel synthesized by selective laser melting**

Salman, O. O.; Brenne, F.; Niendor, T.; Eckert, Jürgen; Prashanth, Konda Gokuldoss Journal of Manufacturing Processes 2019 / p. 255-261 : ill <https://doi.org/10.1016/j.jmapro.2019.07.010> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Plasma-transferred arc-welded composite hardfacings with ZrB<sub>2</sub> and TiC reinforcements**

Melakh, Liudmyla; Surzhenkov, Andrei; Juhani, Kristjan; Viljus, Mart; Traksmaa, Rainer; Vedel, Dmytro Proceedings of the Estonian Academy of Sciences 2025 / p. 165-169 <https://doi.org/10.3176/proc.2025.2.15>

### **Response of stress relieving and solution annealing treatment on tensile properties and fracture toughness of additively manufactured stainless steel 316L**

Kumar, Deepak; Arya, Abhinav; Dutta, Shubhendu Anupam; Jhavar, Suyog; Prashanth, Konda Gokuldoss; Suwas, Satyam Journal of Materials Engineering and Performance 2025 / art. 145021 <https://doi.org/10.1007/s11665-025-11334-y>

### **Selective laser melting of 316L stainless steel : Influence of TiB<sub>2</sub> 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](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tool life in stainless steel AISI 304 : applicability of Colding's tool life equation for varying tool coatings**

Johansson, Daniel; Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; Adoberg, Eron; Schultheiss, Fredrik Proceedings of the Estonian Academy of Sciences 2016 / p. 172-176 : ill [https://artiklid.elnet.ee/record=b2768232\\*est](https://artiklid.elnet.ee/record=b2768232*est) <https://doi.org/10.3176/proc.2016.2.13> [Journal metrics](#) [Article 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.; Alzuhaireh, Sabih Hashim 4th international conference on architectural & civil engineering sciences 2023 / p. 142-146 <https://doi.org/10.24086/ICACE2022/paper.889>