

**Effect of basalt addition on tribological performance of FeCrSiB HVOF coatings**

**Antonov, Maksim; Surženkov, Andrei; Hussainova, Irina; Goljandin, Dmitri; Mikli, Valdek** Estonian journal of engineering 2012 / p. 211-220 : ill [https://artiklid.elnet.ee/record=b2527729\\*est](https://artiklid.elnet.ee/record=b2527729*est)

**Effect of basalt and silica additives on erosive wear resistance of cast ceramics**

**Baroninš, Janis; Antonov, Maksim; Ivanov, Roman; Shuliak, Volodymyr; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 144-151 : ill <https://doi.org/10.3176/proc.2016.2.05> [https://artiklid.elnet.ee/record=b2768221\\*est](https://artiklid.elnet.ee/record=b2768221*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of basalt reinforcement type and content on the abrasive wear behaviour of polymer composites**

**Antonov, Maksim; Kers, Jaan; Liibert, Laura; Shuliak, Volodymyr; Smirnov, Anton; Bartolome, Jose F.** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 181-188 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.181> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Performance of polyimide and PTFE based composites under sliding, erosive and high stress abrasive conditions**

**Kumar, Rahul, 1993-; Malaval, Bastien; Antonov, Maksim; Zhaoc, Gai** Tribology international 2020 / art. 106282 <https://doi.org/10.1016/j.triboint.2020.106282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sliding wear behaviour of basalt containing composites with additions of either metallic and/or ceramic phases**

**Antonov, Maksim; Goljandin, Dmitri; Andreev, A.; Voltšihhin, Nikolai; Hussainova, Irina** BaltTrib 2013 : VII International Scientific Conference : proceedings 2013 / p. 67-72 : ill