

Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites

Kandemir, Sinan; Yöyler, Sibel; Kumar, Rahul, 1993-; Antonov, Maksim; Dieringa, Hajo Lubricants 2024 / art. 52

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Improving lubrication of elastic seals

Tamre, Mart Proceedings of 3rd International Colloquium Micro-Tribology'01 : Jastarnia, Poland 2001 / p. 39-40

Self-lubricating materials for extreme temperature tribo-applications

Kumar, Rahul, 1993-; Antonov, Maksim Materials today: proceedings 2021 / p. 4583-4589

<https://doi.org/10.1016/j.matpr.2020.10.824> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Temperature-induced wear micro-mechanism transition in additively deposited nickel alloys with different solid lubricants

Kumar, Rahul, 1993-; Hussainova, Irina; Antonov, Maksim; Maurya, Himanshu Singh; Rodríguez Ripoll, Manel Wear 2024 / art.

205452 <https://doi.org/10.1016/j.wear.2024.205452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tribological behavior of Ni-based self-lubricating claddings containing sulfide of nickel, copper, or bismuth at temperatures up to 600 °C

Kumar, Rahul, 1993-; Torres, Hector; Aydinyan, Sofiya; Antonov, Maksim; Varga, Markus; Hussainova, Irina; Rodríguez Ripoll, Manel Surface and coatings technology 2023 / art. 129270, 14 p. : ill <https://doi.org/10.1016/j.surfcoat.2023.129270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Капиллярные явления при смазывании миниатюрных цилиндрических направляющих скольжения маслами

Möldre, Heino Tallinna Tehnikaülikooli Toimetised 1991 / lk. 83-91: ill

Роль температурного фактора в самосмазывании миниатюрных пористых подшипников скольжения

Ajaots, Mairo; Handelsman, J. Сборник статей по машиностроению. 9 1972 / с. 3-12 : илл https://www.ester.ee/record=b2190570*est

<https://digikogu.taltech.ee/et/Item/3aab34ef-a920-43ae-9a14-2c99ba3caad2>

Экспериментальное исследование газового вытеснения масла в зазор из пор миниатюрных спеченных подшипников

Ajaots, Mairo; Lees, Rein Трение и износ в машинах 1983 / с. 35-41 : ил https://www.ester.ee/record=b2191148*est

<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>