

Guido Boidi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

160
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of laser surface texturing on friction behaviour in elastohydrodynamically lubricated point contacts under different sliding-rolling conditions. Tribology International, 2020, 149, 105613.	5.9	43
2	Fast laser surface texturing of spherical samples to improve the frictional performance of elasto-hydrodynamic lubricated contacts. Friction, 2021, 9, 1227-1241.	6.4	31
3	Using Machine Learning Radial Basis Function (RBF) Method for Predicting Lubricated Friction on Textured and Porous Surfaces. Surface Topography: Metrology and Properties, 2020, 8, 044002.	1.6	29
4	Wear and friction performance under lubricated reciprocating tests of steel powder mixtures sintered by Spark Plasma Sintering. Tribology International, 2018, 121, 139-147.	5.9	12
5	Numerical analyses of stress induced damage during a reciprocating lubricated test of fecmo sps sintered alloy. Tribology International, 2017, 113, 443-447.	5.9	10
6	Porosity Effect of Sintered Steel on the Frictional Performance of Conformal and Nonconformal Lubricated Contacts. Tribology Transactions, 2019, 62, 1029-1040.	2.0	8
7	Effect of sintering densification on micro-scale mechanical and tribological behaviour of niobium carbide. Wear, 2021, 482-483, 203958.	3.1	6
8	The use of Powder Metallurgy for promoting friction reduction under sliding-rolling lubricated conditions. Tribology International, 2021, 157, 106892.	5.9	5
9	Lifetime assessment of porous journal bearings using joint time-frequency analysis of real-time sensor data. Tribology International, 2022, 169, 107488.	5.9	5
10	Tribological Evaluation of Sintered and Conventional Gear Materials. , 2017, , .		4
11	Identification of a Materialâ€“Lubricant Pairing and Operating Conditions That Lead to the Failure of Porous Journal Bearing Systems. Tribology Letters, 2020, 68, 1.	2.6	4
12	Tribological Performance of Random Sinter Pores vs. Deterministic Laser Surface Textures: An Experimental and Machine Learning Approach. , 0, , .		1
13	Multiscale effect of thermomechanical loads on the NbC-Steel microstructure obtained by SPS. , 0, , .		0