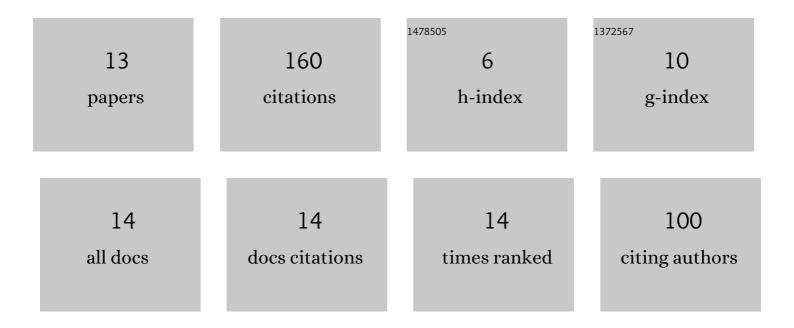
## Guido Boidi

List of Publications by Year in descending order

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| #  | 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<br>data. Tribology International, 2022, 169, 107488.   | 5.9 | 5         |
| 10 | Tribological Evaluation of Sintered and Conventional Gear Materials. , 2017, , .  |     | 4         |
| 11 | Identification of a Material–Lubricant Pairing and Operating Conditions That Lead to the Failure of<br>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<br>Experimental and Machine Learning Approach. , 0, , .  |     | 1         |
| 13 | Multiscale effect of thermomechanical loads on the NbC-Steel microstructure obtained by SPS. , 0, , .   |     | 0         |