Konstantinos D Bakoglidis

List of Publications by Year
in descending order

13	326	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved thermal conductivity of graphite though infiltration with SiC and Si3N4 inclusions. Journal of the European Ceramic Society, 2022, 42, 1877-1883.	5.7	4
2	Role of SiC and Si3N4 reinforcing particles in the tribological performance of graphite-based composites. Wear, 2020, 456-457, 203399.	3.1	4
3	A new slurry infiltration method to enhance the wear resistance of bulk graphite with development of reinforced graphitic composites including SiC or Si3N4 hard particles. Journal of the European Ceramic Society, 2019, 39, 1984-1992.	5.7	8
4	Self-Healing in Carbon Nitride Evidenced As Material Inflation and Superlubric Behavior. ACS Applied Materials & Interfaces, 2018, 10, 16238-16243.	8.0	51
5	Micro-tribological performance of fullerene-like carbon and carbon-nitride surfaces. Tribology International, 2018, 128, 104-112.	5.9	11
6	Rolling performance of carbon nitride-coated bearing components in different lubrication regimes. Tribology International, 2017, 114, 141-151.	5.9	22
7	Comparative study of macro- and microtribological properties of carbon nitride thin films deposited by HiPIMS. Wear, 2017, 370-371, 1-8.	3.1	11
8	Nanotribological behavior of deep cryogenically treated martensitic stainless steel. Beilstein Journal of Nanotechnology, 2017, 8, 1760-1768.	2.8	6
9	Improved adhesion of carbon nitride coatings on steel substrates using metal HiPIMS pretreatments. Surface and Coatings Technology, 2016, 302, 454-462.	4.8	37
10	Rolling contact fatigue of bearing components coated with carbon nitride thin films. Tribology International, 2016, 98, 100-107.	5.9	21
11	Influence of microstructure and mechanical properties on the tribological behavior of reactive arc deposited Zr-Si-N coatings at room and high temperature. Surface and Coatings Technology, 2016, 304, 393-400.	4.8	10
12	Low-temperature growth of low friction wear-resistant amorphous carbon nitride thin films by mid-frequency, high power impulse, and direct current magnetron sputtering. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, .	2.1	17
13	Size-Dependent Mechanisms in AC Magnetic Hyperthermia Response of Iron-Oxide Nanoparticles. IEEE Transactions on Magnetics, 2012, 48, 1320-1323.	2.1	124