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List of Publications by Year
in descending order

18 papers	513 citations	840776 11 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	442 citing authors

#	Article	IF	Citations
1	Wear and corrosion resistance of CrN/TiN superlattice coatings deposited by a combined deep oscillation magnetron sputtering and pulsed dc magnetron sputtering. Applied Surface Science, 2015, 351, 332-343.	6.1	98
2	Structure and properties of CrSiN nanocomposite coatings deposited by hybrid modulated pulsed power and pulsed dc magnetron sputtering. Surface and Coatings Technology, 2013, 216, 251-258.	4.8	59
3	Mechanical and tribological properties of CrN/TiN multilayer coatings deposited by pulsed dc magnetron sputtering. Surface and Coatings Technology, 2015, 276, 152-159.	4.8	53
4	Structure, adhesion and corrosion behavior of CrN/TiN superlattice coatings deposited by the combined deep oscillation magnetron sputtering and pulsed dc magnetron sputtering. Surface and Coatings Technology, 2016, 293, 21-27.	4.8	53
5	Hard yet tough CrN/Si3N4 multilayer coatings deposited by the combined deep oscillation magnetron sputtering and pulsed dc magnetron sputtering. Applied Surface Science, 2020, 502, 144168.	6.1	41
6	Microstructure and tribological behavior of TiAlSiN coatings deposited by deep oscillation magnetron sputtering. Journal of the American Ceramic Society, 2018, 101, 5166-5176.	3.8	40
7	Mechanical and tribological properties of CrN/TiN superlattice coatings deposited by a combination of arc-free deep oscillation magnetron sputtering with pulsed dc magnetron sputtering. Thin Solid Films, 2015, 594, 147-155.	1.8	32
8	Wear and corrosion properties of plasma-based low-energy nitrogen ion implanted titanium. Surface and Coatings Technology, 2011, 205, 4602-4607.	4.8	31
9	Tribological behaviors in air and seawater of CrN/TiN superlattice coatings irradiated by high-intensity pulsed ion beam. Ceramics International, 2019, 45, 24405-24412.	4.8	28
10	The structure, oxidation resistance, mechanical and tribological properties of CrTiAlN coatings. Surface and Coatings Technology, 2015, 277, 58-66.	4.8	22
11	Low friction coefficient of superhard nc-TiC/a-C:H nanocomposite coatings deposited by filtered cathodic vacuum arc. Materials Research Express, 2019, 6, 096418.	1.6	15
12	Tribocorrosion behaviors of nc-TiC/a-C:H nanocomposite coatings: In-situ electrochemical response. Thin Solid Films, 2021, 730, 138719.	1.8	11
13	Tribocorrosion behaviors of superhard yet tough Ti-C-N ceramic coatings. Surface and Coatings Technology, 2022, 439, 128448.	4.8	9
14	Microstructure and thermal conductivity of Ti-Al-Si-N nanocomposite coatings deposited by modulated pulsed power magnetron sputtering. Thin Solid Films, 2020, 693, 137680.	1.8	6
15	Tribological behaviour of plasma based low energy nitrogen ion implanted AISI 316 austenitic stainless steel against same stainless steel counterface. Surface Engineering, 2010, 26, 277-283.	2.2	5
16	Wear and corrosion resistance of diamond-like carbon coatings deposited by filtered cathodic vacuum arc coupled with a high-voltage pulse power. Materials Research Express, 2019, 6, 105625.	1.6	4
17	Structure, mechanical and tribological properties of thick CrNx coatings deposited by HiPIMS. Vacuum, 2022, 203, 111253.	3.5	4
18	Scratch response and tribological properties of TiAlSiN coatings deposited by reactive deep oscillation magnetron sputtering. Materials Research Express, 2019, 6, 116452.	1.6	2