

# Xing-zhao Ding

## List of Publications by Year in descending order

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17  
papers

1,097  
citations

686830

13  
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887659

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17  
docs citations

17  
times ranked

1020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation resistance of TiN, CrN, TiAlN and CrAlN coatings deposited by lateral rotating cathode arc. Thin Solid Films, 2009, 517, 4845-4849.	0.8	346
2	Tribological properties of Cr- and Ti-doped MoS <sub>2</sub> composite coatings under different humidity atmosphere. Surface and Coatings Technology, 2010, 205, 224-231.	2.2	170
3	Structural, mechanical and tribological properties of CrAlN coatings deposited by reactive unbalanced magnetron sputtering. Surface and Coatings Technology, 2005, 200, 1372-1376.	2.2	130
4	Corrosion resistance of CrAlN and TiAlN coatings deposited by lateral rotating cathode arc. Thin Solid Films, 2008, 516, 5716-5720.	0.8	130
5	Structure and properties of CrAlSiN Nanocomposite coatings deposited by lateral rotating cathode arc. Thin Solid Films, 2011, 519, 1894-1900.	0.8	55
6	Cr <sub>1-x</sub> Al <sub>x</sub> N coatings deposited by lateral rotating cathode arc for high speed machining applications. Thin Solid Films, 2008, 516, 1710-1715.	0.8	47
7	Structural and mechanical properties of Ti-containing diamond-like carbon films deposited by filtered cathodic vacuum arc. Thin Solid Films, 2002, 408, 183-187.	0.8	32
8	Abrasive wear resistance of Ti <sub>1-x</sub> Al <sub>x</sub> N hard coatings deposited by a vacuum arc system with lateral rotating cathodes. Surface and Coatings Technology, 2008, 203, 680-684.	2.2	31
9	Ion beam assisted deposition of diamond-like nanocomposite films in an acetylene atmosphere. Thin Solid Films, 1999, 346, 82-85.	0.8	30
10	Mechanical, tribological and corrosion properties of CrBN films deposited by combined direct current and radio frequency magnetron sputtering. Thin Solid Films, 2013, 544, 335-340.	0.8	29
11	Unbalanced magnetron sputtered Ti <sub>1-x</sub> Si <sub>x</sub> N:MoS <sub>x</sub> composite coatings for improvement of tribological properties. Surface and Coatings Technology, 2005, 198, 432-436.	2.2	24
12	Thermal conductivity of PVD TiAlN films using pulsed photothermal reflectance technique. Applied Physics A: Materials Science and Processing, 2010, 101, 573-577.	1.1	23
13	Catalytic chemical vapor deposition of vertically aligned carbon nanotubes on iron nanoislands formed from Fe <sup>+</sup> -implanted SiO <sub>2</sub> films. Carbon, 2004, 42, 3030-3033.	5.4	13
14	Cubic boron nitride films deposited by unbalanced RF magnetron sputtering and pulsed DC substrate bias. Thin Solid Films, 2003, 429, 22-27.	0.8	12
15	Photocatalytic activity of tin-doped TiO <sub>2</sub> film deposited via aerosol assisted chemical vapor deposition. Thin Solid Films, 2013, 544, 571-575.	0.8	11
16	Aggregation and out diffusion of iron atoms for Fe ion implanted silica films. Journal of Applied Physics, 1999, 86, 2550-2554.	1.1	10
17	Substrate geometry effect on the uniformity of amorphous carbon films deposited by unbalanced magnetron sputtering. Thin Solid Films, 2004, 461, 282-287.	0.8	4