

Xing-zhao Ding

List of Publications by Year in descending order

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17
papers

1,097
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686830

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887659

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