

Montserrat Vilaseca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7406571/publications.pdf>

Version: 2024-02-01

11
papers

402
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of zeolite films to improve the selectivity of reactive gas sensors. <i>Catalysis Today</i> , 2003, 82, 179-185.	4.4	114
2	Gas detection with SnO ₂ sensors modified by zeolite films. <i>Sensors and Actuators B: Chemical</i> , 2007, 124, 99-110.	7.8	60
3	High temperature tribological characterisation of TiAlSiN coatings produced by cathodic arc evaporation. <i>Surface and Coatings Technology</i> , 2010, 205, 1368-1373.	4.8	59
4	Investigations into wear and galling mechanism of aluminium alloy-tool steel tribopair at different temperatures. <i>Wear</i> , 2013, 308, 193-198.	3.1	45
5	Investigation into adhesive wear of PVD coated and uncoated hot stamping production tools. <i>Wear</i> , 2013, 308, 148-154.	3.1	32
6	High temperature scratch testing of hard PVD coatings deposited on surface treated tool steel.. <i>Surface and Coatings Technology</i> , 2014, 254, 352-357.	4.8	31
7	AFM characterization of the growth of MFI-type zeolite films on alumina substrates. <i>Microporous and Mesoporous Materials</i> , 2004, 71, 33-37.	4.4	22
8	A comparative study of the contact fatigue behavior and associated damage micromechanisms of TiN- and WC:H-coated cold-work tool steel. <i>Tribology International</i> , 2015, 88, 263-270.	5.9	21
9	The Role of Adhesive Forces and Mechanical Interaction on Material Transfer in Hot Forming of Aluminium. <i>Tribology Letters</i> , 2015, 59, 1.	2.6	10
10	High temperature tribological behaviour of tool steels during sliding against aluminium. <i>Wear</i> , 2011, ,	3.1	5
11	Super-Hard DLC Coatings as an Alternative to Polycrystalline Diamond for Cutting Tools: Predictive Analysis of Aluminium Alloy Surface Quality. <i>Lubricants</i> , 2022, 10, 135.	2.9	3