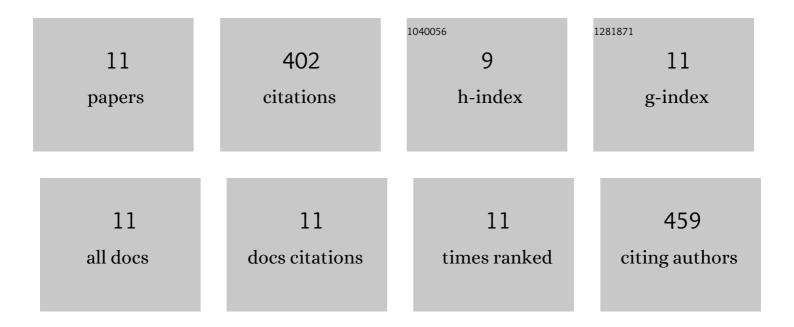
Montserrat Vilaseca

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Use of zeolite films to improve the selectivity of reactive gas sensors. Catalysis Today, 2003, 82, 179-185.	4.4	114
2	Gas detection with SnO2 sensors modified by zeolite films. Sensors and Actuators B: Chemical, 2007, 124, 99-110.	7.8	60
3	High temperature tribological characterisation of TiAlSiN coatings produced by cathodic arc evaporation. Surface and Coatings Technology, 2010, 205, 1368-1373.	4.8	59
4	Investigations into wear and galling mechanism of aluminium alloy-tool steel tribopair at different temperatures. Wear, 2013, 308, 193-198.	3.1	45
5	Investigation into adhesive wear of PVD coated and uncoated hot stamping production tools. Wear, 2013, 308, 148-154.	3.1	32
6	High temperature scratch testing of hard PVD coatings deposited on surface treated tool steel Surface and Coatings Technology, 2014, 254, 352-357.	4.8	31
7	AFM characterization of the growth of MFI-type zeolite films on alumina substrates. Microporous and Mesoporous Materials, 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. Tribology International, 2015, 88, 263-270.	5.9	21
9	The Role of Adhesive Forces and Mechanical Interaction on Material Transfer in Hot Forming of Aluminium. Tribology Letters, 2015, 59, 1.	2.6	10
10	High temperature tribological behaviour of tool steels during sliding against aluminium. Wear, 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. Lubricants, 2022, 10, 135.	2.9	3