Nadine Laska

List of Publications by Year
in descending order

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17 papers	299 citations	932766 10 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	200 citing authors

#	Article	IF	Citations
1	Cyclic oxidation behaviour of the titanium alloys Ti-6242 and Ti-17 with Tiâ€“Alâ€“Crâ€“Y coatings at 600 and 700Â°C in air. Surface and Coatings Technology, 2013, 223, 24-31.	2.2	54
2	Oxidation behavior of protective Ti-Al-Cr based coatings applied on the Î³-TiAl alloys Ti-48-2-2 and TNM-B1. Surface and Coatings Technology, 2018, 349, 347-356.	2.2	40
3	Effect of hydrogen carbonate and chloride on zinc corrosion investigated by a scanning flow cell system. Electrochimica Acta, 2015, 159, 198-209.	2.6	26
4	Lifetime of Thermal Barrier Coatings Deposited on Î³-TiAl Based Alloys Using Intermetallic Tiâ€“Alâ€“Cr Bond Coats with Additions of Yttrium and Zirconium. Oxidation of Metals, 2014, 81, 83-93.	1.0	22
5	Microstructure and cyclic oxidation resistance of Si-aluminide coatings on Î³-TiAl at 850â€¯Â°C. Surface and Coatings Technology, 2020, 403, 126361.	2.2	22
6	Oxidation behaviour of a fluorinated beta-stabilized Î³-TiAl alloy with thermal barrier coatings in H2O- and SO2-containing atmospheres. Corrosion Science, 2015, 92, 280-286.	3.0	21
7	Effect of intermetallic coatings on the tensile properties of a Î³-TiAl based TNM alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 699, 118-127.	2.6	20
8	Increasing the oxidation resistance of Î³-TiAl by applying a magnetron sputtered aluminum and silicon based coating. Intermetallics, 2021, 133, 107177.	1.8	17
9	Effect of pre-oxidation on cyclic oxidation resistance of Î³-TiAl at 900â€¯Â°C. Corrosion Science, 2020, 177, 108985.	3.0	16
10	Lifetime of 7YSZ thermal barrier coatings deposited on fluorine-treated Î³-TiAl-based TNM-B1 alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2016, 67, 1185-1194.	0.8	15
11	Aluminum diffusion inhibiting properties of Ti5Si3 at 900ÂÂ°C and its beneficial properties on Al-rich oxidation protective coatings on Î³-TiAl. Corrosion Science, 2022, 201, 110265.	3.0	12
12	Oxidation and fatigue behaviour of gamma titanium aluminides coated with yttrium or zirconium containing intermetallic Tiâ€“Alâ€“Cr layers and thermal barrier coating. Materials at High Temperatures, 2015, 32, 221-229.	0.5	11
13	Magnetron Sputtered Silicon Coatings as Oxidation Protection for Moâ€Based Alloys. Advanced Engineering Materials, 2020, 22, 2000218.	1.6	8
14	Graded PVD Mo-Si interlayer between Si coating and Mo-Si-B alloys: Investigation of oxidation behaviour. Corrosion Science, 2021, 192, 109843.	3.0	8
15	Oxidation behaviour of an intermetallic Tiâ€“Alâ€“Crâ€“Zr bond coat on a Î³â€“TiAl based TNB alloy with 7YSZ thermal barrier coating. Materials at High Temperatures, 2018, 35, 187-194.	0.5	3
16	Sputtering and Characterization of MAXâ€Phase Forming Crâ€“Alâ€“C and Tiâ€“Alâ€“C Coatings and Their Application on Î³â€Based Titanium Aluminides. Advanced Engineering Materials, 0, , 2100722.	1.6	2
17	Effect of Si Content on Deposition and High-Temperature Oxidation of Al-Si Coatings Obtained by Magnetron Sputtering PVD Method. Coatings, 2022, 12, 859.	1.2	2