

# ElÅ¼bieta M Godlewska

## List of Publications by Year in descending order

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docs citations

34  
times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot corrosion of Ti-46Al-8Ta (at.%) intermetallic alloy. Corrosion Science, 2014, 78, 63-70.	6.6	46
2	Hot corrosion behaviour of (Ti±2)-Ti-46Al-8Nb (at.%) and Ti-Ti-6Al-1Mn (at.%) alloys. Corrosion Science, 2017, 115, 18-29.	6.6	45
3	Chromaluminizing of nickel and its alloys. Oxidation of Metals, 1984, 22, 117-131.	2.1	44
4	FeAl materials from intermetallic powders. Intermetallics, 2003, 11, 307-312.	3.9	44
5	Combustion synthesis of Mg <sub>2</sub> Si. Intermetallics, 2011, 19, 1983-1988.	3.9	35
6	Scale composition and oxidation mechanism of the Ti-46Al-8Nb alloy in air at 700 and 800°C. Intermetallics, 2011, 19, 39-47.	3.9	32
7	Degradation of CoSb <sub>3</sub> in Air at Elevated Temperatures. Oxidation of Metals, 2010, 74, 113-124.	2.1	29
8	Behaviour of a silicon-rich coating on Ti-46Al-8Ta (at.%) in hot-corrosion environments. Corrosion Science, 2017, 118, 158-167.	6.6	23
9	Protective Properties of Magnetron-Sputtered Si Layers on CoSb <sub>3</sub> . Oxidation of Metals, 2010, 74, 205-213.	2.1	21
10	Alternative route for the preparation of CoSb <sub>3</sub> and Mg <sub>2</sub> Si derivatives. Journal of Solid State Chemistry, 2012, 193, 109-113.	2.9	20
11	Corrosion of Al(Co)CrFeNi High-Entropy Alloys. Frontiers in Materials, 2020, 7, .	2.4	19
12	Reactivity of a Ti-45.9Al-8Nb alloy in air at 700-900°C. Journal of Thermal Analysis and Calorimetry, 2007, 88, 225-230.	3.6	17
13	Silicide coatings on Ti-6Al-1Mn (at.%) alloy and their oxidation resistance. Surface and Coatings Technology, 2018, 334, 491-499.	4.8	17
14	The effect of chromium on the corrosion resistance of aluminide coatings on nickel and nickel-based substrates. Materials Science and Engineering, 1987, 88, 103-109.	0.1	16
15	Characterization of thermoelectric properties of layers obtained by pulsed magnetron sputtering. Vacuum, 2008, 82, 1003-1006.	3.5	16
16	Synchrotron Study of Ag-Doped Mg <sub>2</sub> Si: Correlation Between Properties and Structure. Journal of Electronic Materials, 2014, 43, 3746-3752.	2.2	16
17	Oxidation of Ti-46Al-8Ta in air at 700°C and 800°C under thermal cycling conditions. Intermetallics, 2013, 34, 112-121.	3.9	15
18	Effect of chromium on the protective properties of aluminide coatings. Oxidation of Metals, 1986, 26, 125-138.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Reaction and diffusion phenomena in Ag-doped Mg <sub>2</sub> Si. Journal of Alloys and Compounds, 2016, 657, 755-764.	5.5	12
20	Reaction and diffusion phenomena upon oxidation of a (Ti <sub>3</sub> Al <sub>2</sub> )TiAlNb alloy in air. Materials at High Temperatures, 2009, 26, 99-103.	1.0	10
21	Evaluation of corrosion behaviour of selected metallic samples by electrochemical noise measurements. Journal of Solid State Electrochemistry, 2014, 18, 1635-1646.	2.5	7
22	Microstructure and hardness of Ti6Al4V/NiAl/Ti6Al4V joints obtained through resistive heating. Journal of Materials Processing Technology, 2018, 255, 689-695.	6.3	7
23	Oxidation resistance and micromechanical properties of a Ti-46Al-8Nb (at.%) alloy with Cr-Si magnetron-sputtered coatings. Surface and Coatings Technology, 2018, 350, 732-739.	4.8	7
24	Reactive resistance welding of Ti6Al4V alloy with the use of Ni(V)/Al multilayers. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1600405.	2.4	4
25	The influence of sulfur pressure on Sulfidation behaviour of NiCoCrAl(Y) alloys at high temperature. Materials and Corrosion - Werkstoffe Und Korrosion, 1994, 45, 341-348.	1.5	3
26	Comparing Doping Methodologies in Mg <sub>2</sub> Si/AgMg System. Journal of Electronic Materials, 2014, 43, 3876-3883.	2.2	3
27	Shear Strength of Reactive Resistance Welded Ti6Al4V Parts with the Use of Ni(V)/Al Multilayers. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 5423-5427.	2.2	3
28	SHS reaction of Ti/Al multilayers and resistive heating used for joining of Ti-6Al-4V alloy. Materials Characterization, 2019, 154, 31-39.	4.4	3
29	Hot corrosion behaviour of Cr-Si coated titanium alloys. Annales De Chimie: Science Des Materiaux, 2015, 39, 141-148.	0.4	2
30	Magnetron-Sputtered Ni-Cr and Ti-Si Layers to Protect Ti-46Al-8Nb (at.%) Substrates Against Gas Absorption. Journal of Materials Engineering and Performance, 2019, 28, 6258-6267.	2.5	1
31	Interfacial stability of CoSb <sub>3</sub> in contact with chromium: Reactive diffusion and microstructure evolution. Journal of Alloys and Compounds, 2020, 843, 155862.	5.5	1