

ElÅ¼bieta M Godlewska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Corrosion of Al(Co)CrFeNi High-Entropy Alloys. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	19
2	Interfacial stability of CoSb ₃ in contact with chromium: Reactive diffusion and microstructure evolution. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155862.	5.5	1
3	Magnetron-Sputtered Ni-Cr and Ti-Si Layers to Protect Ti-46Al-8Nb (at.%) Substrates Against Gas Absorption. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6258-6267.	2.5	1
4	SHS reaction of Ti/Al multilayers and resistive heating used for joining of Ti-6Al-4V alloy. <i>Materials Characterization</i> , 2019, 154, 31-39.	4.4	3
5	Microstructure and hardness of Ti6Al4V/NiAl/Ti6Al4V joints obtained through resistive heating. <i>Journal of Materials Processing Technology</i> , 2018, 255, 689-695.	6.3	7
6	Silicide coatings on Ti-6Al-1Mn (at.%) alloy and their oxidation resistance. <i>Surface and Coatings Technology</i> , 2018, 334, 491-499.	4.8	17
7	Shear Strength of Reactive Resistance Welded Ti6Al4V Parts with the Use of Ni(V)/Al Multilayers. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 5423-5427.	2.2	3
8	Oxidation resistance and micromechanical properties of a Ti-46Al-8Nb (at.%) alloy with Cr-Si magnetron-sputtered coatings. <i>Surface and Coatings Technology</i> , 2018, 350, 732-739.	4.8	7
9	Behaviour of a silicon-rich coating on Ti-46Al-8Ta (at.%) in hot-corrosion environments. <i>Corrosion Science</i> , 2017, 118, 158-167.	6.6	23
10	Reactive resistance welding of Ti6Al4V alloy with the use of Ni(V)/Al multilayers. <i>Physica Status Solidi - Rapid Research Letters</i> , 2017, 11, 1600405.	2.4	4
11	Hot corrosion behaviour of (Ti±2)-Ti-46Al-8Nb (at.%) and Ti-Ti-6Al-1Mn (at.%) alloys. <i>Corrosion Science</i> , 2017, 115, 18-29.	6.6	45
12	Reaction and diffusion phenomena in Ag-doped Mg ₂ Si. <i>Journal of Alloys and Compounds</i> , 2016, 657, 755-764.	5.5	12
13	Hot corrosion behaviour of Cr-Si coated titanium alloys. <i>Annales De Chimie: Science Des Materiaux</i> , 2015, 39, 141-148.	0.4	2
14	Evaluation of corrosion behaviour of selected metallic samples by electrochemical noise measurements. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1635-1646.	2.5	7
15	Hot corrosion of Ti-46Al-8Ta (at.%) intermetallic alloy. <i>Corrosion Science</i> , 2014, 78, 63-70.	6.6	46
16	Synchrotron Study of Ag-Doped Mg ₂ Si: Correlation Between Properties and Structure. <i>Journal of Electronic Materials</i> , 2014, 43, 3746-3752.	2.2	16
17	Comparing Doping Methodologies in Mg ₂ Si/AgMg System. <i>Journal of Electronic Materials</i> , 2014, 43, 3876-3883.	2.2	3
18	Oxidation of Ti-46Al-8Ta in air at 700°C and 800°C under thermal cycling conditions. <i>Intermetallics</i> , 2013, 34, 112-121.	3.9	15

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19	Alternative route for the preparation of CoSb ₃ and Mg ₂ Si derivatives. Journal of Solid State Chemistry, 2012, 193, 109-113.	2.9	20
20	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
21	Combustion synthesis of Mg ₂ Si. Intermetallics, 2011, 19, 1983-1988.	3.9	35
22	Degradation of CoSb ₃ in Air at Elevated Temperatures. Oxidation of Metals, 2010, 74, 113-124.	2.1	29
23	Protective Properties of Magnetron-Sputtered Cr-Si Layers on CoSb ₃ . Oxidation of Metals, 2010, 74, 205-213.	2.1	21
24	Reaction and diffusion phenomena upon oxidation of a (Ti ₃ Al ₂) TiAlNb alloy in air. Materials at High Temperatures, 2009, 26, 99-103.	1.0	10
25	Characterization of thermoelectric properties of layers obtained by pulsed magnetron sputtering. Vacuum, 2008, 82, 1003-1006.	3.5	16
26	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
27	FeAl materials from intermetallic powders. Intermetallics, 2003, 11, 307-312.	3.9	44
28	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
29	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
30	Effect of chromium on the protective properties of aluminide coatings. Oxidation of Metals, 1986, 26, 125-138.	2.1	12
31	Chromaluminizing of nickel and its alloys. Oxidation of Metals, 1984, 22, 117-131.	2.1	44