Andrzej KieÅ‚bus

List of Publications by Year
in descending order

Version: 2024-02-01

55	393	1307543	940516
papers	citations	7	16
		h-index	g-index

56	56	56	351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MICROSTRUCTURE OF CAST MgBi6X0.5 (X = Ca, Mn, Zn) ALLOYS IN PEAK-AGED CONDITION. Journal of Metallic Materials, 2022, 73, 23-28.	0.0	0
2	Gating System Optimization for EV31A Magnesium Alloy Engine Body Sand Casting. Materials, 2022, 15, 4620.	2.9	1
3	Effect of Modification on Microstructure and Properties of AZ91 Magnesium Alloy. Crystals, 2020, 10, 536.	2.2	7
4	MAGMASOFT Simulation of Sand Casting Process With EV31A Magnesium Alloy. Journal of Engineering Materials and Technology, Transactions of the ASME, 2018, 140, .	1.4	1
5	Microstructure and Properties of Casting Magnesium Alloys Designed to Work in Elevated Temperature. , 2018, , .		4
6	Influence of the Chemical Composition on Electrical Conductivity and Mechanical Properties of the Hypoeutectic Al-Si-Mg Alloys. Archives of Metallurgy and Materials, 2016, 61, 353-360.	0.6	4
7	The Comparison of the Microstructure and Corrosion Resistance of Sand Cast Aluminum Alloys. Archives of Metallurgy and Materials, 2016, 61, 209-212.	0.6	16
8	Influence of Age Hardening Parameters on the Microstructure and Properties of the AlSi7Mg Sand Cast Alloy / WpÅ‚yw ParametrÃ³w Utwardzania Wydzieleniowego Na StrukturÄ™ I WÅ‚aÅ›ciwoÅ›ci Stopu Alsi7mg. Archives of Metallurgy and Materials, 2015, 60, 3035-3042.	0.6	2
9	The Influence of Strontium on the Microstructure of Cast Magnesium Alloys Containing Aluminum and Calcium. Archives of Metallurgy and Materials, 2015, 60, 167-170.	0.6	1
10	Microstructural Phenomenon Occurring in Elektron 21 Magnesium Alloy During Creep. Materials Science Forum, 2014, 782, 339-343.	0.3	2
11	Effect of Mould Components on the Cooling Rate, Microstructure, and Quality of We43 Magnesium Casting Alloy/ WpÅ‚yw Zastosowanych ElementÃ³w Formy Na SzybkoÅ›Ä‡ ChÅ‚odzenia, MikrostrukturÄ™ I JakoÅ›Ä‡ Stopu Magnezu We43. Archives of Metallurgy and Materials, 2014, 59, 1527-1532.	0.6	2
12	Microstructure, microstructural stability and mechanical properties of sand-cast Mgâ€“4Alâ€“4RE alloy. Materials Characterization, 2013, 83, 21-34.	4.4	46
13	The Quality of Produced Sand-Cast Engine Block Made from Elektron 21 Magnesium Alloy. Solid State Phenomena, 2013, 211, 71-76.	0.3	0
14	The Influence of Various Etchants on the Quantitative Analysis of Microstructure of Mg-Nd Alloy. Solid State Phenomena, 2013, 197, 192-197.	0.3	0
15	Influence of the Pouring Temperature on the Castability and Microstructure of Elektron 21 and QE22 Magnesium Casting Alloys. Solid State Phenomena, 2013, 197, 125-130.	0.3	1
16	Influence of Sand-Casting Parameters on Microstructure and Properties of Magnesium Alloys. Archives of Metallurgy and Materials, 2013, 58, 635-640.	0.6	5
17	Mould Components Impact on Structure and Quality of Elektron 21 Alloy. Archives of Foundry Engineering, 2013, 13, 17-23.	0.4	2
18	Influence of Pouring Temperature on Castability and Microstructure of QE22 and RZ5 Magnesium Casting Alloys. Solid State Phenomena, 2012, 191, 137-144.	0.3	2

#	Article	IF	Citations
19	The Thermal Diffusivity of Mg-Al-Sr and Mg-Al-Ca-Sr Sand Casting Magnesium Alloys. Defect and Diffusion Forum, 2012, 326-328, 249-254.	0.4	0
20	Microstructure, Castability, Microstructural Stability and Mechanical Properties of ZRE1 Magnesium Alloy. Archives of Metallurgy and Materials, 2012, 57, .	0.6	23
21	The influence of hot-chamber die casting parameters on the microstructure and mechanical properties of magnesium-aluminum alloys containing alkaline elements. Materialwissenschaft Und Werkstofftechnik, 2012, 43, 421-426.	0.9	7
22	Mechanical and creep properties of Mg-4Y-3RE and Mg-3Nd-1Gd magnesium alloy. Procedia Engineering, 2011, 10, 1835-1840.	1.2	22
23	Microstructure and corrosion resistance of magnesium alloys with galvanic coatings. Procedia Engineering, 2011, 10, 1841-1846.	1.2	3
24	Microstructure and Properties of Sand Casting Magnesium Alloys for Elevated Temperature Applications. Solid State Phenomena, 2011, 176, 63-74.	0.3	5
25	The Influence of Rare Earth, Strontium and Calcium on the Thermal Diffusivity of Mg-Al Alloys. Defect and Diffusion Forum, 2011, 312-315, 824-829.	0.4	8
26	Microstructure and Creep Properties of AJ62 and AE44 Die-Casting Magnesium Alloys. Materials Science Forum, 2010, 638-642, 1546-1551.	0.3	5
27	DSC and Microstructural Investigations of the Elektron 21 Magnesium Alloy. Materials Science Forum, 2010, 638-642, 1447-1452.	0.3	17
28	Microstructural stability and creep properties of die casting Mgâ€“4Alâ€“4RE magnesium alloy. Materials Characterization, 2009, 60, 1107-1113.	4.4	79
29	The influence of Mg<SUB align=right>17Al<SUB align=right>12 phase volume fraction on the corrosion behaviour of AZ91 magnesium alloy. International Journal of Microstructure and Materials Properties, 2009, 4, 196.	0.1	5
30	Characterisation of Î² Phase in WE54 Magnesium Alloy. Solid State Phenomena, 2007, 130, 155-158.	0.3	2
31	Microstructural Characterisation of AZ91 Magnesium Alloy. , 2005, , 190-195.		2
32	Substructure stability of highly alloyed martensitic steels for power industry. Materials Chemistry and Physics, 2003, 81, 483-485.	4.0	15
33	TEM Investigations of Electron 21 Magnesium Alloy. Solid State Phenomena, 0, 130, 175-180.	0.3	4
34	Characterization of Î² and Mg₄₁Nd₅ Equilibrium Phases in Elektron 21 Magnesium Alloy after Long-Term Annealing. Solid State Phenomena, 0, 163, 106-109.	0.3	12
35	Structure Refinement of the Multi-Phase Mg-Al-Sr Alloy. Solid State Phenomena, 0, 163, 169-172.	0.3	12
36	Oxidation Behaviour of WE54 and Elektron 21 Magnesium Alloys. Defect and Diffusion Forum, 0, 312-315, 483-488.	0.4	3

#	Article	IF	Citations
37	The Intermetallic Phases in Sand Casting Magnesium Alloys for Elevated Temperature. Materials Science Forum, 0, 690, 214-217.	0.3	22
38	The Influence of Heat Treatment Parameters on the Thermal Diffusivity of WE54 and Elektron 21 Magnesium Alloys. Defect and Diffusion Forum, 0, 312-315, 489-494.	0.4	7
39	Structural Stability of Mgâ€“6Alâ€“2Sr Magnesium Alloy. Solid State Phenomena, 0, 176, 75-82.	0.3	5
40	The Corrosion Resistance of the Mg-Al-Ca-Sr Sand Casting Magnesium Alloys. Defect and Diffusion Forum, 0, 326-328, 255-260.	0.4	2
41	The Influence of Section Thickness on Microstructure of Elektron 21 and QE22 Magnesium Alloys. Solid State Phenomena, 0, 191, 145-150.	0.3	4
42	Precipitate Processes in Mg-5Al Magnesium Alloy. Solid State Phenomena, 0, 191, 131-136.	0.3	1
43	The Microstructural Changes after Thermal Shock Applied on Elektron 21 Magnesium Alloy. Solid State Phenomena, 0, 211, 77-82.	0.3	0
44	The Microstructure of Elektron21 and WE43 Magnesium Casting Alloys after Subsequent Melting Process Operations. Solid State Phenomena, 0, 211, 65-70.	0.3	6
45	The Procedure for Quantitative Analysis of Welded Joints in QE22 Alloy. Solid State Phenomena, 0, 197, 149-154.	0.3	0
46	Non-Metallic Inclusions in Mg-RE-Zr Casting Alloys. Materials Science Forum, 0, 782, 398-403.	0.3	1
47	Influence of Heating and Cooling Rate on Phase Transformations Temperatures in EV31A Magnesium Alloy. Solid State Phenomena, 0, 229, 89-98.	0.3	0
48	Influence of the Wall Thickness on Castability and Microstructure of the QE22 Magnesium Alloy. Solid State Phenomena, 0, 229, 77-82.	0.3	1
49	The Electrochemical and Immersion Corrosion of Casting Magnesium Alloys Containing Rare Earth Elements. Solid State Phenomena, 0, 227, 79-82.	0.3	0
50	Microstructural Phenomena Occurring during Early Stages of Cavitation Erosion of Al-Si Aluminium Casting Alloys. Solid State Phenomena, 0, 227, 255-258.	0.3	10
51	The Microstructure of AlSi7Mg Alloy in as Cast Condition. Solid State Phenomena, 0, 229, 3-10.	0.3	5
52	The Mechanisms of Cavitation Erosion of the Elektron21 Magnesium Alloy. Solid State Phenomena, 0, 229, 99-104.	0.3	3
53	Influence of Sr Addition on the Microstructure and Properties of HPDC EN AC-Al Si9Cu3(Fe) Alloy. Key Engineering Materials, 0, 682, 69-76.	0.4	0
54	The Porosity Description in Hypoeutectic Al-Si Alloys. Key Engineering Materials, 0, 682, 83-90.	0.4	4

#	Article	IF	Citations
55	Characterisation of Î² Phase in WE54 Magnesium Alloy. Solid State Phenomena, 0, , 155-158.	0.3	1