

Tomasz Tanski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9107671/publications.pdf>

Version: 2024-02-01

158
papers

1,741
citations

346980

22
h-index

511568

30
g-index

162
all docs

162
docs citations

162
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and Mechanical Properties of Novel Co-Free Maraging Steel M789 Prepared by Additive Manufacturing. <i>Materials</i> , 2022, 15, 1734.	1.3	10
2	Evolution of Microstructure, Texture and Corrosion Properties of Additively Manufactured AlSi10Mg Alloy Subjected to Equal Channel Angular Pressing (ECAP). <i>Symmetry</i> , 2022, 14, 674.	1.1	11
3	Effects of modifying the hypoeutectic AlMg5Si2Mn alloy via addition of Al10Sr and/or Al5TiB. <i>Archives of Civil and Mechanical Engineering</i> , 2021, 21, 1.	1.9	6
4	Ultrasound Effect on the Microstructure and Hardness of AlMg3 Alloy under Upsetting. <i>Materials</i> , 2021, 14, 1010.	1.3	4
5	Environmental performance of dye-sensitized solar cells based on natural dyes. <i>Solar Energy</i> , 2021, 215, 346-355.	2.9	16
6	Impact of TiO2 Nanostructures on Dye-Sensitized Solar Cells Performance. <i>Materials</i> , 2021, 14, 1633.	1.3	26
7	Effects of equal channel angular pressing and heat treatments on the microstructures and mechanical properties of selective laser melted and cast AlSi10Mg alloys. <i>Archives of Civil and Mechanical Engineering</i> , 2021, 21, 1.	1.9	16
8	Effect of initial microstructure on hot deformation behavior of AlMg5Si2Mn alloy. <i>Materials Characterization</i> , 2021, 177, 111167.	1.9	10
9	Comprehensive View of Topological Optimization Scooter Frame Design and Manufacturing. <i>Symmetry</i> , 2021, 13, 1201.	1.1	11
10	A Short Review on Various Engineering Applications of Electrospun One-Dimensional Metal Oxides. <i>Materials</i> , 2021, 14, 5139.	1.3	5
11	Simulation Investigation of Occlusal Loads Transfer in Personalized Titanium Plates in the Case of Jaw Osteotomy. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 89-95.	0.5	0
12	Thermal and optical properties of PMMA films reinforced with Nb2O5 nanoparticles. <i>Scientific Reports</i> , 2021, 11, 22531.	1.6	12
13	Fabrication of electrospun poly(lactic acid) nanoporous membrane loaded with niobium pentoxide nanoparticles as a potential scaffold for biomaterial applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1559-1567.	1.6	10
14	Effect of KOBO Extrusion and Following Cyclic Forging on Grain Refinement of Mg ⁹⁰ Li ² Al ^{0.5} Sc Alloy. <i>Metals and Materials International</i> , 2020, 26, 1004-1014.	1.8	13
15	Effect of conductive polymers on the optical properties of electrospun polyacrylonitrile nanofibers filled by polypyrrole, polythiophene and polyaniline. <i>Applied Surface Science</i> , 2020, 509, 145068.	3.1	24
16	Structure and Tribological Properties of AlCrN + CrCN Coating. <i>Coatings</i> , 2020, 10, 1084.	1.2	4
17	Structure of Titanium GRADE 1 after Laser Alloying with FeCr Powder. <i>Solid State Phenomena</i> , 2020, 308, 157-170.	0.3	0
18	Phase Behavior of Amorphous/Semicrystalline Conjugated Polymer Blends. <i>Polymers</i> , 2020, 12, 1726.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Synthesis of hybrid amorphous/crystalline SnO ₂ 1D nanostructures: investigation of morphology, structure and optical properties. Scientific Reports, 2020, 10, 14802.	1.6	28
20	Surface Hardening of AlMg ₅ Si ₂ Mn Alloy through Multi-Axis Compression Using Max Strain. Solid State Phenomena, 2020, 308, 171-180.	0.3	1
21	Strengthening of AA5754 Aluminum Alloy by DRECE Process Followed by Annealing Response Investigation. Materials, 2020, 13, 301.	1.3	12
22	The impact of laser surface treatment on the microstructure, wear resistance and hardness of the AlMg5 aluminum alloy. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	7
23	Study of optical and dielectric constants of hybrid SnO ₂ electrospun nanostructures. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	9
24	Complex Corrosion Properties of AISI 316L Steel Prepared by 3D Printing Technology for Possible Implant Applications. Materials, 2020, 13, 1527.	1.3	25
25	A simple route for manufacture of photovoltaic devices based on chalcohalide nanowires. Applied Surface Science, 2020, 517, 146138.	3.1	18
26	Influence of Screen Printed Nanowires/Nanoparticles TiO ₂ Nanocomposite Layer on Properties of Dye-Sensitized Solar Cells. Acta Physica Polonica A, 2020, 138, 312-316.	0.2	2
27	Characterisation of Mg-Zn-Ca-Y powders manufactured by mechanical milling. Journal of Achievements in Materials and Manufacturing Engineering, 2020, 2, 49-59.	0.2	3
28	thermal stability of severely deformed Almg3 sheets. , 2020, , .		0
29	Morphology and structure characterization of crystalline SnO ₂ 1D nanostructures. Photonics Letters of Poland, 2020, 12, 70.	0.2	1
30	Structure of MgLiAl alloys after various routes of severe plastic deformation studied by TEM. International Journal of Materials Research, 2019, 110, 24-31.	0.1	2
31	Rare earth-doped lead titanate zirconate grown on carbon fibers by microwave-assisted hydrothermal synthesis. Journal of Composite Materials, 2019, 53, 373-382.	1.2	0
32	Phase Diagrams of n-Type Low Bandgap Naphthalenediimide-Bithiophene Copolymer Solutions and Blends. Polymers, 2019, 11, 1474.	2.0	6
33	Analysis of the morphology, structure and optical properties of SiO ₂ nanowires obtained by the electrospinning method. Materials Today: Proceedings, 2019, 7, 382-388.	0.9	4
34	Catalytic activity of non-spherical shaped magnetite nanoparticles in degradation of Sudan I, Rhodamine B and Methylene Blue dyes. Applied Surface Science, 2019, 487, 1018-1025.	3.1	47
35	Analysis of the morphology, structure and optical properties of 1D SiO ₂ nanostructures obtained with sol-gel and electrospinning methods. Applied Surface Science, 2019, 489, 34-43.	3.1	29
36	Laser heat treatment of titanium GRADE 1 with iron-nickel powder. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 509-518.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Study of dye sensitized solar cells photoelectrodes consisting of nanostructures. Applied Surface Science, 2019, 491, 807-813.	3.1	17
38	Mechanical and Functional Properties of Cavitation Generators with PVD Functional Coatings Intended for Use in the Cavitation Environment. Key Engineering Materials, 2019, 813, 234-240.	0.4	2
39	Influence of Applied CrN+WC/C and WC/C Coatings on the Cavitation Wear Processes of Constructional Elements. Key Engineering Materials, 2019, 813, 62-67.	0.4	1
40	Study of Photovoltaic Devices with Hybrid Active Layer. Solid State Phenomena, 2019, 293, 51-64.	0.3	0
41	Microstructure, grain refinement and hardness of Al-3Mg aluminium alloy processed by ECAP with helical die. Archives of Civil and Mechanical Engineering, 2019, 19, 287-296.	1.9	21
42	Novel bimodal ZnO (amorphous)/ZnO NPs (crystalline) electrospun 1D nanostructure and their optical characteristic. Applied Surface Science, 2019, 474, 232-242.	3.1	12
43	Analysis of the influence of electrospinning process parameters on the morphology of poly(lactic acid) nanofibers. Journal of Applied Polymer Science, 2019, 143, 47537.	0.7	3
44	The structure and mechanical properties of AlMg5Si2Mn alloy after surface alloying by the use of fiber laser. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	10
45	Effect of Various SPD Techniques on Structure and Superplastic Deformation of Two Phase MgLiAl Alloy. Metals and Materials International, 2018, 24, 1077-1089.	1.8	13
46	Manufacturing process, characterization and optical investigation of amorphous 1D zinc oxide nanostructures. Applied Surface Science, 2018, 442, 382-389.	3.1	16
47	Flexible cellulose-carbon nanotube paper substrate decorated with PZT: sensor properties. MRS Advances, 2018, 3, 31-36.	0.5	3
48	Effect of cooling rate on microstructural development in alloy ALMG9. Journal of Thermal Analysis and Calorimetry, 2018, 133, 379-390.	2.0	30
49	Effect of ECAP Strain on the Precipitation Kinetics of the AlMg3 Aluminium Alloy. Solid State Phenomena, 2018, 275, 3-14.	0.3	0
50	Introductory Chapter: Magnesium Alloys. , 2018, , .		1
51	Thermal stability and microstructure evolution of ultra-fine grained Al-Mg alloy. IOP Conference Series: Materials Science and Engineering, 2018, 461, 012085.	0.3	2
52	Introductory Chapter: Electrospinning-smart Nanofiber Mats. , 2018, , .		1
53	Improving of the workability of heat treated AlMg5 aluminum alloys subjected to the equal channel angular pressing through interpass annealing. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 513-521.	0.5	1
54	Comparison of optical properties of PAN/TiO2, PAN/Bi2O3, and PAN/SbSI nanofibers. Optical Materials, 2018, 83, 145-151.	1.7	17

#	ARTICLE	IF	CITATIONS
55	Molecular Materials in Optoelectronics and Photovoltaic Devices. , 2018, , 365-380.		1
56	Optical properties of nanocomposite fibrous polymer mats containing SbSeI nanowires. Optical Materials, 2018, 84, 383-388.	1.7	3
57	Effect of Heat Treatment Combined with High Pressure Torsion Process on Microstructure and Hardness of AlMg5Si2Mn Alloy. Solid State Phenomena, 2018, 275, 89-99.	0.3	1
58	Synthesis of the Novel Type of Bimodal Ceramic Nanowires from Polymer and Composite Fibrous Mats. Nanomaterials, 2018, 8, 179.	1.9	10
59	Obtaining of biomorphic composites based on carbon materials. Production Engineering Archives, 2018, 19, 22-25.	0.8	3
60	Electrospinning of PAN and composite PAN-GO nanofibres. Journal of Achievements in Materials and Manufacturing Engineering, 2018, 1, 18-26.	0.2	2
61	Manufacturing process and optical properties of zinc oxide thin films as photoanode in DSSC. Journal of Achievements in Materials and Manufacturing Engineering, 2018, 1, 33-40.	0.2	1
62	Influence of Surface Roughness on the Cavitation Wear of P265GH and X2CrNi18-9 Steel Cavitation Generators. Communications - Scientific Letters of the University of Zilina, 2018, 20, 48-54.	0.3	3
63	Thermo-derivative analysis of Al-Si-Cu alloy used for surface treatment. Journal of Thermal Analysis and Calorimetry, 2017, 129, 895-903.	2.0	9
64	Mechanical properties and structure of AZ61 magnesium alloy processed by equal channel angular pressing. IOP Conference Series: Materials Science and Engineering, 2017, 179, 012028.	0.3	9
65	Low temperature liquid phase catalytic oxidation of aniline promoted by niobium pentoxide micro and nanoparticles. Catalysis Communications, 2017, 99, 135-140.	1.6	25
66	Surface treatment and corrosion behaviour of austenitic stainless steel biomaterial. IOP Conference Series: Materials Science and Engineering, 2017, 175, 012009.	0.3	6
67	Microstructure and mechanical properties of two binary Al-Mg alloys deformed using equal channel angular pressing. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 439-446.	0.5	9
68	Manufacturing and investigation of surface morphology and optical properties of composite thin films reinforced by TiO ₂ , Bi ₂ O ₃ and SiO ₂ nanoparticles. Applied Surface Science, 2017, 424, 206-212.	3.1	28
69	Using of sonochemically prepared SbSI for electrospun nanofibers. Ultrasonics Sonochemistry, 2017, 38, 544-552.	3.8	19
70	Optical properties of thin fibrous PVP/SiO ₂ composite mats prepared via the sol-gel and electrospinning methods. Applied Surface Science, 2017, 424, 184-189.	3.1	43
71	Analysis of optical properties of TiO ₂ nanoparticles and PAN/TiO ₂ composite nanofibers. Materials and Manufacturing Processes, 2017, 32, 1218-1224.	2.7	30
72	The effects of room temperature ECAP and subsequent aging on the structure and properties of the Al-3%Mg aluminium alloy. Materials Characterization, 2017, 133, 185-195.	1.9	51

#	ARTICLE	IF	CITATIONS
73	Structure and properties of aluminium-magnesium casting alloys after heat treatment. Journal of Thermal Analysis and Calorimetry, 2017, 127, 299-308.	2.0	45
74	Strength and structure of AlMg ₃ alloy after ECAP and post-ECAP processing. Materials and Manufacturing Processes, 2017, 32, 1368-1374.	2.7	29
75	Microstructure and Properties of Selected Magnesium-Aluminum Alloys Prepared for SPD Processing Technology. Archives of Metallurgy and Materials, 2017, 62, 2365-2370.	0.6	7
76	Effect of laser alloying on heat-treated light alloys. International Journal of Materials Research, 2017, 108, 126-132.	0.1	4
77	Investigations on Wear Mechanisms of PVD Coatings on Carbides and Sialons. Archives of Metallurgy and Materials, 2017, 62, 2095-2100.	0.6	2
78	Thermal Assessment of Modified Ultra-Light Magnesium-Lithium Alloys. Archives of Metallurgy and Materials, 2017, 62, 2433-2440.	0.6	5
79	STRUCTURE AND PROPERTIES OF AZ31 MAGNESIUM ALLOY AFTER COMBINATION OF HOT EXTRUSION AND ECAP. Acta Metallurgica Slovaca, 2017, 23, 222-228.	0.3	10
80	Numerical analysis of the cavitation effect occurring on the surface of steel constructional elements. Archives of Materials Science and Engineering, 2017, 85, 24-34.	0.7	10
81	Optical properties of PVP/ZnO composite thin films. Journal of Achievements in Materials and Manufacturing Engineering, 2017, 1, 5-11.	0.2	3
82	Effect of ECAP process on structure and hardness of AlMg ₃ aluminium alloy. Archives of Materials Science and Engineering, 2017, 84, 79-85.	0.7	1
83	Comparison of the physicochemical properties of Al ₂ O ₃ layers applied to the surfaces of cpTi and the Ti ₆ Al ₇ Nb alloy using the ALD method. Materiali in Tehnologije, 2017, 51, 637-641.	0.3	0
84	Structure and properties of an Al alloy in as-cast state and after laser treatment. Proceedings of the Estonian Academy of Sciences, 2016, 65, 107.	0.9	17
85	Manufacturing and investigation of physical properties of polyacrylonitrile nanofibre composites with SiO ₂ , TiO ₂ and Bi ₂ O ₃ nanoparticles. Beilstein Journal of Nanotechnology, 2016, 7, 1141-1155.	1.5	29
86	Aluminium surface treatment with ceramic phases using diode laser. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	3
87	Surface Quality Research for Selective Laser Melting of Ti-6Al-4V Alloy. Archives of Metallurgy and Materials, 2016, 61, 1291-1296.	0.6	48
88	Structure and Properties of Diamond-Like Carbon Films Deposited by PACVD Technique on Light Alloys. Archives of Metallurgy and Materials, 2016, 61, 1321-1330.	0.6	1
89	Properties of the Aluminium Alloy EN AC-51100 after Laser Surface Treatment. Archives of Metallurgy and Materials, 2016, 61, 199-204.	0.6	11
90	Influence of long-term service on microstructure, mechanical properties, and service life of HCM12A steel. Materials at High Temperatures, 2016, 33, 24-32.	0.5	17

#	ARTICLE	IF	CITATIONS
91	Influence of Mg Addition on Crystallisation Kinetics and Structure of the Zn-Al-Cu Alloy. Archives of Metallurgy and Materials, 2016, 61, 785-790.	0.6	9
92	Potentiostatic, Potentiodynamic and Impedance Study of TiO ₂ Layers Deposited of 316 LVM Steel Used for Coronary Stents. Archives of Metallurgy and Materials, 2016, 61, 821-824.	0.6	5
93	The Effect of Laser Surface Treatment on Structure and Mechanical Properties Aluminium Alloy ENAC-ALMg9. Archives of Metallurgy and Materials, 2016, 61, 1343-1350.	0.6	9
94	Structure and properties of ultra fine grained aluminium alloys after laser surface treatment. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 419-427.	0.5	6
95	The influence of laser alloying on the structure and mechanical properties of AlMg ₅ Si ₂ Mn surface layers. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	17
96	Effect of chemical composition modification on structure and properties of the cast Zn-Al-Cu alloys. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2016, 230, 805-812.	0.7	2
97	Prediction of the properties of PVD/CVD coatings with the use of FEM analysis. Applied Surface Science, 2016, 388, 281-287.	3.1	28
98	Analysis of crystallization kinetics of cast aluminum-silicon alloy. Journal of Thermal Analysis and Calorimetry, 2016, 123, 63-74.	2.0	19
99	Structure and properties of AlMg alloy after combination of ECAP and post-ECAP ageing. Archives of Civil and Mechanical Engineering, 2016, 16, 325-334.	1.9	37
100	Effect of Laser Feeding on Heat Treated Aluminium Alloy Surface Properties. Archives of Metallurgy and Materials, 2016, 61, 741-746.	0.6	6
101	Surface treatment of heat-treated cast magnesium and aluminium alloys. Materiali in Tehnologije, 2016, 50, 699-706.	0.3	1
102	Investigation studies involving wear-resistant ALD/PVD hybrid coatings on sintered tool substrates. Materiali in Tehnologije, 2016, 50, 755-759.	0.3	9
103	Wrought aluminium-magnesium alloys subjected to SPD processing. International Journal of Materials Research, 2016, 107, 637-645.	0.1	18
104	Morphological, chemical and structural characterization of silica-containing polyvinylpyrrolidone electrospun nanofibers prepared by sol-gel technique. Journal of Achievements in Materials and Manufacturing Engineering, 2016, 79, 5-12.	0.2	1
105	PVD surface treatment of heat-treated cast aluminium alloys. Archives of Materials Science and Engineering, 2016, 79, 79-88.	0.7	5
106	Influence of hot-working conditions on a structure of X11MnSiAl17-1-3 steel for automotive industry. International Journal of Materials and Product Technology, 2015, 51, 264.	0.1	15
107	Analysis of Crystallisation Process of Cast Magnesium Alloys Based on Thermal Derivative Analysis / Analiza Procesu Krystalizacji Odlewniczych Stop ³ w Magnezu W Oparciu O Analiz TM Termicznoderywacyjną.... Archives of Metallurgy and Materials, 2015, 60, 2993-3000.	0.6	15
108	Aluminium AlSi12 alloy matrix composites reinforced by mullite porous preforms. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 368-376.	0.5	15

#	ARTICLE	IF	CITATIONS
109	Magnetomechanical Properties Of Composite Materials With Giant Magnetostriction. Archives of Metallurgy and Materials, 2015, 60, 1819-1824.	0.6	3
110	Thermal analysis and microstructural characterization of Mg-Al-Zn system alloys. IOP Conference Series: Materials Science and Engineering, 2015, 95, 012006.	0.3	5
111	Laser Surface Treatment in Manufacturing. , 2015, , 2677-2717.		3
112	Application of the Finite Element Method for Modelling of the Spatial Distribution of Residual Stresses in Hybrid Surface Layers. Advanced Structured Materials, 2015, , 51-69.	0.3	1
113	Additives and thermal treatment influence on microstructure of nonferrous alloys. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1573-1583.	2.0	15
114	Structures, properties and development trends of laser-surface-treated hot-work steels, light metal alloys and polycrystalline silicon. , 2015, , 3-32.		14
115	Shaping of Surface Layer Structure and Mechanical Properties After Laser Treatment of Aluminium Alloys. Advanced Structured Materials, 2015, , 85-96.	0.3	4
116	Laser Surface Treatment in Manufacturing. , 2014, , 1-37.		1
117	Structural Identification of Polymer Nanocomposites. Acta Physica Polonica A, 2014, 126, 895-901.	0.2	1
118	High Power Diode Laser Application for Metals Surface Treatment Based on Wear Resistance Investigation. Advanced Materials Research, 2014, 1036, 482-489.	0.3	3
119	Determining of laser surface treatment parameters used for light metal alloying with ceramic powders. Materialwissenschaft Und Werkstofftechnik, 2014, 45, .	0.5	20
120	Characterisation and properties of hybrid coatings deposited onto magnesium alloys. Surface Engineering, 2014, 30, 927-932.	1.1	18
121	Influence of Hot-Working Conditions on a Structure of X11MnSiAl17-1-3 Steel. Advanced Materials Research, 2014, 1036, 122-127.	0.3	4
122	Thermal Fatigue Influence of Laser Treated Tool Steel Surface. Procedia Engineering, 2014, 74, 429-442.	1.2	7
123	Fatigue Behaviour of Sintered Duplex Stainless Steel. Procedia Engineering, 2014, 74, 421-428.	1.2	13
124	The Effect of PVD and CVD Coating Structures on the Durability of Sintered Cutting Edges. Archives of Metallurgy and Materials, 2014, 59, 269-274.	0.6	12
125	Long-Term Development Perspectives of Selected Groups of Engineering Materials Used in the Automotive Industry/ Długoterminowe Perspektywy Rozwoju Wybranych Grup Materiałów w Inżynierskich Stosowanych W Przemysle Motoryzacyjnym. Archives of Metallurgy and Materials, 2014, 59, 1717-1728.	0.6	8
126	Characteristics of Hard Coatings on AZ61 Magnesium Alloys. Strojnicki Vestnik/Journal of Mechanical Engineering, 2013, 59, 165-174.	0.6	25

#	ARTICLE	IF	CITATIONS
127	Structure and properties of PVD coatings deposited on aluminium alloys. Surface Engineering, 2012, 28, 598-604.	1.1	29
128	Unique properties, development perspectives and expected applications of laser treated casting magnesium alloys. Archives of Civil and Mechanical Engineering, 2012, 12, 318-326.	1.9	33
129	Optimization of Heat Treatment Conditions of Magnesium Cast Alloys. Materials Science Forum, 2010, 638-642, 1488-1493.	0.3	16
130	Structure and properties of magnesium cast alloys. Journal of Materials Processing Technology, 2007, 192-193, 567-574.	3.1	65
131	Influence of Heat Treatment on Structure and Properties of the Cast Magnesium Alloys. Advanced Materials Research, 2006, 15-17, 491-496.	0.3	21
132	Study of selected properties of magnesium alloy AZ91 after heat treatment and forming. Journal of Materials Processing Technology, 2004, 157-158, 466-471.	3.1	71
133	Influence of Aluminium Content on Behaviour of Magnesium Cast Alloys in Bentonite Sand Mould. Solid State Phenomena, 0, 147-149, 764-769.	0.3	20
134	Structure and Properties Investigation of a Magnesium Alloy Processed by Heat Treatment and Laser Surface Treatment. Materials Science Forum, 0, 674, 11-18.	0.3	5
135	Electron Microscope Investigation of PVD Coated Aluminium Alloy Surface Layer. Solid State Phenomena, 0, 186, 192-197.	0.3	33
136	Structure and Properties of Diamond-Like Carbon Coatings Deposited on Non-Ferrous Alloys Substrate. Solid State Phenomena, 0, 199, 170-175.	0.3	9
137	TEM Investigations of (Ti, Si)N Layer Coated on Magnesium Alloy Using PVD Technique. Solid State Phenomena, 0, 203-204, 198-203.	0.3	2
138	Structure and Properties of the Aluminium Alloy AlSi12CuNiMg after Laser Surface Treatment. Advanced Materials Research, 0, 1036, 40-45.	0.3	2
139	HPDL Laser Alloying of Al-Si-Cu Alloy with ZrO ₂ Powder. Advanced Materials Research, 0, 1036, 434-439.	0.3	2
140	High Manganese Austenitic X6MnSiAlNbTi26-3-3 Steel - Characteristic, Structures and Properties. Advanced Materials Research, 0, 1036, 18-23.	0.3	3
141	Electron Microscopy Investigation of Cast Aluminium Alloy after Laser Feeding with Ceramic Powder. Solid State Phenomena, 0, 231, 65-71.	0.3	0
142	Strategic Position of Casting Aluminum Alloys and Leading Technologies of their Manufacturing. Solid State Phenomena, 0, 220-221, 577-582.	0.3	1
143	Grain Refinement of AZ61 Alloy after ECAP Processing. Materials Science Forum, 0, 891, 372-376.	0.3	3
144	Effect of the Processing Conditions on the Microstructural Features and Mechanical Behavior of Aluminum Alloys. , 0, , .		1

#	ARTICLE	IF	CITATIONS
145	Introductory Chapter: Cavitation - An Overview of New Research Results. , 0, , .		0
146	Electrospinning process and characterization of PVP/hematite nanofibers. IOP Conference Series: Materials Science and Engineering, 0, 461, 012050.	0.3	6
147	The Influence of Severe Plastic Deformation Process on Structure and Properties of AZ 31 Alloy after Selected Heat Treatment. Solid State Phenomena, 0, 275, 134-146.	0.3	0
148	Laser Surface Treatment of Cast Aluminium-Silicon Alloys. Solid State Phenomena, 0, 275, 30-40.	0.3	0
149	Structure and Mechanical Properties of Composite Layers Prepared by Laser Alloying of Aluminium Alloy. Solid State Phenomena, 0, 275, 53-65.	0.3	0
150	Structure and Properties of Biomorphous Al/C/TiO/TiC Composite Materials Reinforced with Charcoals Coated in ALD and the Sol-Gel Process. Solid State Phenomena, 0, 275, 66-77.	0.3	0
151	Introductory Chapter: Why Atomic Force Microscopy (AFM) is One of the Leading Methods of Surface Morphology Research of all Engineering Material Groups. , 0, , .		0
152	Electrospinning as a Versatile Method of Composite Thin Films Fabrication for Selected Applications. Solid State Phenomena, 0, 293, 35-49.	0.3	7
153	Introductory Chapter: Creep - An Overview of New Research Results. , 0, , .		1
154	Surface Properties Enhancement of Light Alloys by Appliance of Laser Treatment. Solid State Phenomena, 0, 308, 119-137.	0.3	0
155	Investigation of the influence of calcination temperature on morphology and structure of electrospun 1D SnO ₂ nanostructures. IOP Conference Series: Materials Science and Engineering, 0, 1178, 012057.	0.3	0
156	Study of the Optical Properties of Electrospun PAN/GO Nanocomposites. Solid State Phenomena, 0, 326, 17-31.	0.3	0
157	Effect of the Nanostructures Addition on TiO ₂ Photoanode and DSSC Properties. Solid State Phenomena, 0, 326, 89-99.	0.3	0
158	Mechanism of Cavitation Wear of a Low-Friction Composite Coating CrN+WC/C Deposited on Ferritic-Pearlitic P265GH and Austenitic X2CrNi18-9 (304L) Steels. Solid State Phenomena, 0, 326, 61-74.	0.3	0