

Corneliu Munteanu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In-Vitro Analysis of FeMn-Si Smart Biodegradable Alloy. <i>Materials</i> , 2022, 15, 568.	2.9	7
2	A Qualitative Assessment of the Specific Woody Biomass of Fruit Trees. <i>Forests</i> , 2022, 13, 405.	2.1	2
3	Evaluation of the Fatigue Behaviour and Failure Mechanisms of 52100 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray. <i>Materials</i> , 2022, 15, 3609.	2.9	3
4	Morphological Analysis of Laser Surface Texturing Effect on AISI 430 Stainless Steel. <i>Materials</i> , 2022, 15, 4580.	2.9	5
5	Microstructural, Electrochemical and In Vitro Analysis of Mg-0.5Ca-xGd Biodegradable Alloys. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 981.	2.5	15
6	Evaluation of Keratin/Bacterial Cellulose Based Scaffolds as Potential Burned Wound Dressing. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1995.	2.5	8
7	Polymer-Cement Composites Glazing by Concentrated Solar Energy. <i>Coatings</i> , 2021, 11, 350.	2.6	2
8	Surface Characterization of Fracture in Polylactic Acid vs. PLA + Particle (Cu, Al, Graphene) Insertions by 3D Fused Deposition Modeling Technology. <i>Coatings</i> , 2021, 11, 633.	2.6	5
9	The Influence of the Environment for Glass-Reinforced Plastic Composite Material Used for Ground Water Transport Pipes. <i>Materials</i> , 2021, 14, 3160.	2.9	2
10	Long Term Evaluation of Biodegradation and Biocompatibility In-Vivo the Mg-0.5Ca-xZr Alloys in Rats. <i>Crystals</i> , 2021, 11, 54.	2.2	5
11	Tribological Behavior and Microstructural Analysis of Atmospheric Plasma Spray Deposited Thin Coatings on Cardan Cross Spindles. <i>Materials</i> , 2021, 14, 7322.	2.9	7
12	Novel Mg-0.5Ca-xMn Biodegradable Alloys Intended for Orthopedic Application: An In Vitro and In Vivo Study. <i>Materials</i> , 2021, 14, 7262.	2.9	1
13	REMOVED: In vitro corrosion resistance and in vivo osseointegration testing of new multifunctional beta-type quaternary TiMoZrTa alloys. <i>Materials Science and Engineering C</i> , 2020, 108, 110485.	7.3	6
14	Nondestructive Evaluation of Biodegradable Magnesium Alloys. , 2020, , .		0
15	Electrochemical Analysis and In Vitro Assay of Mg-0.5Ca-xY Biodegradable Alloys. <i>Materials</i> , 2020, 13, 3082.	2.9	12
16	Microstructural Analysis and Tribological Behavior of AMDRY 1371 (Moâ€“NiCrFeBSiC) Atmospheric Plasma Spray Deposited Thin Coatings. <i>Coatings</i> , 2020, 10, 1186.	2.6	18
17	Microstructural Analysis and Tribological Behavior of Ti-Based Alloys with a Ceramic Layer Using the Thermal Spray Method. <i>Coatings</i> , 2020, 10, 1216.	2.6	27
18	Expanded Foam Glass - an Application for Fire Resistant Multilayer Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 877, 012038.	0.6	2

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19	Assessment of magnesium calcium alloys improved by rare earths addition for medical implants. IOP Conference Series: Materials Science and Engineering, 2020, 916, 012099.	0.6	1
20	Contact stress simulation problem in case of thermal spray coatings. IOP Conference Series: Materials Science and Engineering, 2020, 916, 012114.	0.6	1
21	Technological and structural analysis of Al ₂ O ₃ 40TiO ₂ coating deposited on a shaft sleeve of hydraulic pump. IOP Conference Series: Materials Science and Engineering, 2020, 724, 012063.	0.6	2
22	Friction and wear resistance of Al ₂ O ₃ 40TiO ₂ (AMDRY 6250) coating of a pump shaft sleeve bearing. IOP Conference Series: Materials Science and Engineering, 2020, 724, 012064.	0.6	4
23	Properties and in vitro assessment of ZrO ₂ -based coatings obtained by atmospheric plasma jet spraying on biodegradable Mg-Ca and Mg-Ca-Zr alloys. Ceramics International, 2020, 46, 15897-15906.	4.8	36
24	Hydrogen embrittlement of electron beam melted Ti-6Al-4V. Journal of Materials Research and Technology, 2020, 9, 16126-16134.	5.8	16
25	Electrochemical Analysis of Some Biodegradable Mg-Ca-Mn Alloys. Revista De Chimie (discontinued), 2020, 70, 4525-4531.	0.4	0
26	Tribological aspects of some biodegradable magnesium alloys. INCAS Bulletin, 2020, 12, 83-89.	0.6	1
27	Evaluation of the Corrosion Resistance of Some Coating Obtained by Thermal Spray in Plasma Jet, on the Surface of Some Crankshafts Made of C45 Steel. Revista De Chimie (discontinued), 2020, 71, 218-230.	0.4	0
28	Micro-structural and morphological analyses of coated "liquid wood" samples by ceramic particles. Materials Research Express, 2019, 6, 085326.	1.6	6
29	Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics. Journal of Cleaner Production, 2019, 232, 451-461.	9.3	23
30	Osseointegration evaluation of ZrTi alloys with hydroxyapatite-zirconia-silver layer in pig's tibiae. Applied Surface Science, 2019, 487, 127-137.	6.1	14
31	Machining of thermal sprayed coatings – a case study for self-fluxing powder. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012051.	0.6	1
32	Investigation of thermal coating influence on the fire resistance of a multi-layer material. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012052.	0.6	0
33	Ultrasound methods for determining the influence of yttrium in Mg-0.5Ca-xY. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012017.	0.6	0
34	Thin coatings for pumping station mechanical components. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012007.	0.6	5
35	Behavior of multilayer materials when exposed to open flame. Materials Today: Proceedings, 2019, 19, 1073-1080.	1.8	0
36	Microstructural analysis, evaluation of the adhesion and utilization properties of plasma coatings on alloy steel substrate. Materials Today: Proceedings, 2019, 19, 1081-1090.	1.8	0

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37	The Influence of Zr on Microstructure, Mechanical Properties and Corrosion Resistance in Mg-Y-Zr Biodegradable Alloys. <i>Revista De Chimie (discontinued)</i> , 2019, 69, 3382-3385.	0.4	1
38	Electro-chemical Corrosion of a Cast Iron Protected with a Al ₂ O ₃ Ceramic Layer. <i>Revista De Chimie (discontinued)</i> , 2019, 69, 3586-3589.	0.4	9
39	Researches Concerning Chemical Modifications of Hair Keratin. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2091-2095.	0.4	1
40	Electrochemical Evaluation of Some Mg-Ca-Mn-Zr Biodegradable Alloys. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3435-3440.	0.4	2
41	Structural Characterization of Mg-0.5Ca-xY Biodegradable Alloys. <i>Key Engineering Materials</i> , 2018, 782, 129-135.	0.4	7
42	Experimental, microstructural and tribological studies of the system Mg-2Ca-5Y. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 032008.	0.6	1
43	Microstructural aspects at coating-substrate interface for some thermal sprayed layers on valve discs. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 032009.	0.6	2
44	Fire-resistant behaviour of some cellular materials treated with intumescent solutions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 032011.	0.6	1
45	Topical Notions About in Vivo Analysis for Degradable Biomaterials with Utility in Human Body. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 374, 012092.	0.6	1
46	Aspects regarding the influence of the processing regime on the surface quality of thermal sprayed coatings. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 032012.	0.6	1
47	Failure surfaces morphology for specimens with stress concentrators using scanning electron microscopy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 062018.	0.6	0
48	Enzyme Biosensing Based on Zinc Oxide Nanostructures as Active Surface. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 374, 012070.	0.6	1
49	Corrosion Resistance of a Cast-Iron Material Coated With a Ceramic Layer Using Thermal Spray Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 374, 012028.	0.6	1
50	Corrosion behavior of new quaternary ZrNbTiAl alloys in simulated physiological solution using electrochemical techniques and surface analysis methods. <i>Electrochimica Acta</i> , 2017, 248, 368-375.	5.2	30
51	Microstructural Investigations on Alloy Mg-2Ca-0.2Mn-0.5Zr-1Y. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 209, 012018.	0.6	2
52	Coating of Liquid Wood Sheets. <i>Materials Science Forum</i> , 2017, 907, 134-139.	0.3	1
53	Increasing Wear Resistance of Power Steering Pump Cam Using Ni-Cr-Fe and Ni-Cr-Fe-B Coatings. <i>Materials Science Forum</i> , 2017, 907, 145-150.	0.3	2
54	Microstructural Aspects of TBC's Deposited on Internal Combustion Engine Valve Materials. <i>Materials Science Forum</i> , 2017, 907, 151-156.	0.3	5

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55	Plasma sprayed coatings on crankshaft used steels. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012077.	0.6	2
56	Dry friction aspects of Ni-based self-fluxing flame sprayed coatings. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012091.	0.6	9
57	The Simulation of Point Contact Stress State for APS Coatings. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012044.	0.6	4
58	Preliminary Microstructural and Microscratch Results of Ni-Cr-Fe and Cr ₃ C ₂ -NiCr Coatings on Magnesium Substrate. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012024.	0.6	7
59	Characterization of Advanced Ceramic Materials Thin Films Deposited on Fe-C Substrate. Revista De Chimie (discontinued), 2017, 68, 2582-2587.	0.4	8
60	Characterization of Some Master Mg-X System (Ca, Mn, Zr, Y) Alloys Used in Medical Applications. Revista De Chimie (discontinued), 2017, 68, 1310-1315.	0.4	19
61	Influence of ZrO ₂ -Y ₂ O ₃ and ZrO ₂ -CaO coatings on microstructural and mechanical properties on Mg-1.3Ca- 5.5Zr biodegradable alloy. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012010.	0.6	16
62	Study of fatigue behavior of longitudinal welded pipes. IOP Conference Series: Materials Science and Engineering, 2016, 145, 022032.	0.6	2
63	Alendronate-Loaded Modified Drug Delivery Lipid Particles Intended for Improved Oral and Topical Administration. Molecules, 2016, 21, 858.	3.8	21
64	Corrosion behavior aspects of Ni-base self-fluxing coatings. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012034.	0.6	6
65	Microstructural analysis of biodegradable Mg-0.9Ca-1.2Zr alloy. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012033.	0.6	12
66	Wear aspects of internal combustion engine valves. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012036.	0.6	7
67	Microstructural analysis and mechanical properties of biodegradable Mg-1.3Ca-5.5Zr alloy. IOP Conference Series: Materials Science and Engineering, 2016, 145, 072003.	0.6	0
68	Electrochemical characteristics of bioresorbable binary MgCa alloys in Ringer's solution: Revealing the impact of local pH distributions during in-vitro dissolution. Materials Science and Engineering C, 2016, 60, 402-410.	7.3	48
69	Pyramidal growth of ceria nanostructures by pulsed laser deposition. Applied Surface Science, 2016, 363, 245-251.	6.1	8
70	IN VITRO ELECTROCHEMICAL PROPERTIES OF BIODEGRADABLE YSZ-COATED MgCa ALLOY. Environmental Engineering and Management Journal, 2016, 15, 955-963.	0.6	10
71	STUDY ON THE BIODEGRADABILITY OF FeMnSi ALLOY. Environmental Engineering and Management Journal, 2016, 15, 973-980.	0.6	8
72	EDITORIAL - ADVANCED ECO-TECHNOLOGIES AND MATERIALS FOR ENVIRONMENTAL AND HEALTH APPLICATION. Environmental Engineering and Management Journal, 2016, 15, 953-954.	0.6	1

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73	The estimation of corrosion behavior of thermal oxidized TiNbTaZr alloys for biomedical applications. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 375-382.	1.5	7
74	Synthesis, Characterization and Toxicity Analysis of Some Mn(II), Co(II), Ni(II) and Cu(II) Complexes with N-p-Nitrobenzoyl-a-phenylalanine. <i>Asian Journal of Chemistry</i> , 2015, 27, 4510-4516.	0.3	0
75	A comparative study of morphology and composition on oxide nanopowders elaborated by SPVD. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 95, 012028.	0.6	0
76	Increased Resistance to Mechanical Shock of Metallic Materials by Metal-Ceramic Surface Coatings. <i>Key Engineering Materials</i> , 2015, 638, 316-321.	0.4	1
77	The influence of ZrO ₂ /20%Y ₂ O ₃ and Al ₂ O ₃ deposited coatings to the behavior of an aluminum alloy subjected to mechanical shock. <i>Applied Surface Science</i> , 2015, 352, 169-177.	6.1	12
78	XRD and Microstructural Analyses on Biodegradable Mg Alloys. <i>Key Engineering Materials</i> , 2015, 638, 79-84.	0.4	7
79	Multiscale Electrochemical Investigation of the Corrosion Resistance of Various Alloys Used in Dental Prostheses. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015, 46, 1011-1021.	2.1	5
80	Evaluation of the corrosion resistance of plasma nitrided austenitic stainless steel. <i>International Journal of Materials Research</i> , 2015, 106, 267-274.	0.3	4
81	In vivo degradation behavior and biological activity of some new Mg-Ca alloys with concentration's gradient of Si for bone grafts. <i>Applied Surface Science</i> , 2015, 352, 140-150.	6.1	18
82	The behavior of ZrO ₂ /20%Y ₂ O ₃ and Al ₂ O ₃ coatings deposited on aluminum alloys at high temperature regime. <i>Applied Surface Science</i> , 2015, 352, 178-183.	6.1	6
83	Ni ferrite highly organized as humidity sensors. <i>Materials Chemistry and Physics</i> , 2015, 156, 170-179.	4.0	81
84	Effect of thermal oxidation on electrochemical corrosion behaviour of ZrTi alloys for dental applications. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 1529-1535.	1.5	5
85	Degradation characteristics of Mg _{0.8} Ca in saline solution with and without albumin protein investigated by electrochemical impedance spectroscopy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 649-655.	1.5	8
86	The Study of Microstructure of the MgCa Alloys in their Use in Biodegradable Orthopedic Implants. <i>Advanced Materials Research</i> , 2014, 1036, 207-211.	0.3	3
87	Potential Solutions to Increase the Corrosion Resistance of Metallic Surgical Instruments Using Different Types of Ceramic Coatings. <i>Key Engineering Materials</i> , 2014, 614, 206-211.	0.4	3
88	A Study on Plastic Deformations due to Contact Fatigue Wear on a Cermet Coating Deposited by Thermal Spraying Methods. <i>Applied Mechanics and Materials</i> , 2014, 659, 34-39.	0.2	0
89	Controlling and Monitoring of Welding Parameters for Micro-Alloyed Steel Pipes Produced by High Frequency Electric Welding. <i>Advanced Materials Research</i> , 2014, 1036, 464-469.	0.3	9
90	Tribological Tests and SEM Analysis for Titanium Oxide Layers. <i>Key Engineering Materials</i> , 2014, 614, 74-79.	0.4	2

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91	Wear Resistance and XRD Analyses of CNiCrSiBO Coatings Obtained by Thermal Deposition on OLC45 Substrate. <i>Applied Mechanics and Materials</i> , 2014, 659, 16-21.	0.2	2
92	The estimation of corrosion behavior of new TiNbTaZr alloys for biomedical applications. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2014, 65, 1017-1023.	1.5	17
93	Electrochemical behavior of new experimental TiNbZrAl alloys for dental applications. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2014, 65, 828-836.	1.5	4
94	Influence of the Degree of Cold Drawing over the Wear Test and XRD Analysis of Pipes Used for Dampers. <i>Applied Mechanics and Materials</i> , 2014, 659, 85-90.	0.2	0
95	Influence of Time on Thermal Oxidation of CP-Ti Grade II at 850 Å°C. <i>Key Engineering Materials</i> , 2014, 614, 35-40.	0.4	2
96	Studies on the Corrosion Behavior of Deposits Carried out by Thermal Spraying in Electric ARC " Thermal Activated. <i>Applied Mechanics and Materials</i> , 2014, 657, 261-265.	0.2	0
97	Microbiological Testing of Biodegradable MgCa Alloys for Use in Orthopedic Implants. <i>Advanced Materials Research</i> , 2014, 1036, 195-200.	0.3	1
98	Corrosion Behaviour of a Cermet Deposited Coating in Sulfuric Acid Solution. <i>Applied Mechanics and Materials</i> , 2014, 659, 28-33.	0.2	0
99	Tinctorial Response of Recycled PET Fibers to Chemical Modifications during Saponification and Aminolysis Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16652-16663.	3.7	15
100	Electrochemical behaviour of ZrTi alloys in artificial physiological solution simulating in vitro inflammatory conditions. <i>Applied Surface Science</i> , 2014, 313, 259-266.	6.1	28
101	Behavior of Dental/Implant Alloys in Commercial Mouthwash Solution Studied by Electrochemical Techniques. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 882-889.	2.5	3
102	The estimation of corrosion behaviour of ZrTi binary alloys for dental applications using electrochemical techniques. <i>Materials Chemistry and Physics</i> , 2013, 141, 362-369.	4.0	26
103	A Study on Plastic Deformations due to Contact Fatigue Wear on a Metallic Coating Deposited in Electric Arc. <i>Advanced Materials Research</i> , 2013, 837, 9-15.	0.3	0
104	Preliminary electrochemical testing of some Zr"Ti alloys in 0.9% NaCl solution. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 585-591.	1.5	24
105	The Estimation of Corrosion Behavior of NiTi and NiTiNb Alloys Using Dynamic Electrochemical Impedance Spectroscopy. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-7.	1.3	24
106	Thermal Behavior of Mechanically Alloyed Powders Used for Producing an Fe-Mn-Si-Cr-Ni Shape Memory Alloy. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 2407-2416.	2.5	17
107	Low cost adsorbents obtained from ash for copper removal. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1735-1744.	2.7	31
108	The Estimation of Localized Corrosion Behavior of Ni-Based Dental Alloys Using Electrochemical Techniques. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 1431-1439.	2.5	11

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109	IMPROVING SOIL QUALITY BY ADDING MODIFIED ASH. Environmental Engineering and Management Journal, 2012, 11, 297-305.	0.6	7
110	INFLUENCE OF FINISHING TECHNIQUES OF NON-NOBLE ALLOYS USED IN PROSTHETIC RESTORATION ON Candida albicans BIOFILM DEVELOPMENT IN WET SYSTEMS. Environmental Engineering and Management Journal, 2012, 11, 1015-1022.	0.6	3
111	CORROSION BEHAVIOR OF CoCrMo ALLOY IN NON-PASTEURIZED AND PASTEURIZED APPLE JUICE. Environmental Engineering and Management Journal, 2012, 11, 1865-1871.	0.6	0
112	SIMULTANEOUS REMOVAL OF ASTRAZONE BLUE AND LEAD ONTO LOW COST ADSORBENTS BASED ON POWER PLANT ASH. Environmental Engineering and Management Journal, 2011, 10, 341-347.	0.6	14
113	An analysis of customer satisfaction in a higher education context. International Journal of Public Sector Management, 2010, 23, 124-140.	1.8	103
114	ELECTROCHEMICAL CHARACTERIZATION OF PASSIVE FILM FORMED OVER Ti6Al4Zr ALLOY IN ARTIFICIAL SALIVA. Environmental Engineering and Management Journal, 2010, 9, 779-785.	0.6	2
115	Study of the shape memory effect in lamellar helical springs made from Cu-Zn-Al shape memory alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 697-701.	5.6	11
116	Influence of the relative deformation rate on tube processing by ultrasonic vibration drawing. Revista De Metalurgia, 2004, 40, 109-117.	0.5	7
117	A Comparative Analysis of New Ti-Nb-Zr-Ta Orthopedic Alloys. Advanced Materials Research, 0, 837, 259-264.	0.3	4
118	The Stress Distribution of a Layered Contact Cam Mechanism Using Finite Element. Advanced Materials Research, 0, 837, 316-321.	0.3	1
119	The Influence of Thermal Treatment upon Nanostructure and Composition of YZrO Based Ceramics Obtained by Atmospheric Plasma Spraying. Advanced Materials Research, 0, 837, 711-717.	0.3	0
120	Dilatometry and DTA Analyses of a Sample Made of Ni Base Super Alloy with a ZrO ₂ /20%Y ₂ O ₃ Ceramic Layer. Advanced Materials Research, 0, 837, 705-710.	0.3	1
121	&i>In Vitro&i> Evaluation of the Cytotoxicity of Some New Titanium Alloys. Key Engineering Materials, 0, 587, 303-308.	0.4	11
122	Synthesis and SEM Analysis of Ketoprofen-Hydroxipropil-β-Cyclodextrin Microparticles for Medical Applications as Drug-Release System with a High Bioavailability. Applied Mechanics and Materials, 0, 325-326, 106-110.	0.2	0
123	New Titanium Alloys Potentially Used for Metal-Ceramic Applications in Medicine. Key Engineering Materials, 0, 587, 287-292.	0.4	0
124	Friction Studies over Idlers Sprayed with Al ₂ O ₃ Powder Using Atmospheric Plasma Spraying Method. Advanced Materials Research, 0, 1036, 218-222.	0.3	0
125	Comparative &i>In Vitro&i> Study on MgCa Si MgCaSi Alloys, as Biodegradable Implants. Applied Mechanics and Materials, 0, 659, 75-80.	0.2	2
126	Contact Wear Studies over Idlers Sprayed with Ni Al Si Powder Using Atmospheric Plasma Spraying Method. Advanced Materials Research, 0, 1036, 184-188.	0.3	0

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127	The Advanced System for Conducting the Electric Furnaces for Heat Treatments. Applied Mechanics and Materials, 0, 659, 359-364.	0.2	1
128	Wear Resistance and XRD Analyses of CMoCuNiCrSiBO Coatings Obtained by Thermal Deposition on OLC45 Substrate. Applied Mechanics and Materials, 0, 659, 10-15.	0.2	1
129	Influence of the Degree of Cold Drawing on the Microstructure and Properties of Pipes Used for Dampers. Advanced Materials Research, 0, 1036, 134-139.	0.3	1
130	Wear Particle Analysis, the Result of Tribological Phenomena of Biomaterials Couplings-Ultra Hight Molecular Weight Polyethylene and Magnesium Aluminosilicate Ceramic. Solid State Phenomena, 0, 216, 226-230.	0.3	0
131	Structural and Surface Characterization of some Ceramic Coatings Obtained by Plasma Jet Spraying on Metallic Biomaterials Substrates. Key Engineering Materials, 0, 614, 68-73.	0.4	0
132	Influence of Cooling Rate on Metallographic Structure for Gray Iron, in the Case of Modification with a Mechanical Mixture of Al and FeSiCaMg. Applied Mechanics and Materials, 0, 659, 51-56.	0.2	0
133	Research Regarding the Development of Manufacturing of Electrical Welded Pipes from Micro-Alloy Steel with Good Weldability and Toughness. Advanced Materials Research, 0, 1128, 261-268.	0.3	1
134	Comparative XRD and Microstructure Analysis on Biodegradable Mg-Si-Ca Alloys. Key Engineering Materials, 0, 660, 51-56.	0.4	1
135	Structural Modification of $\hat{I}\pm$ -Ti Based Alloy after Submission to Open Flame Thermal Shock. Key Engineering Materials, 0, 638, 333-338.	0.4	2
136	Some Tribological Aspects of Mg-0.5Ca-xY Biodegradable Materials. Key Engineering Materials, 0, 782, 136-141.	0.4	1
137	Influence of Al ₂ O ₃ -13TiO ₂ powder on a C45 steel using atmospheric plasma spray process. IOP Conference Series: Materials Science and Engineering, 0, 444, 032010.	0.6	5
138	Morphological and tribological studies of thermal plasma jet deposited coatings used in cardan joints. IOP Conference Series: Materials Science and Engineering, 0, 997, 012022.	0.6	1
139	Contact stress simulation problem in case of the Mg alloys. IOP Conference Series: Materials Science and Engineering, 0, 997, 012024.	0.6	0