

Corneliu Munteanu

List of Publications by Year in descending order

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139
papers

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citations

516710

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27
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139
all docs

139
docs citations

139
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of customer satisfaction in a higher education context. <i>International Journal of Public Sector Management</i> , 2010, 23, 124-140.	1.8	103
2	Ni ferrite highly organized as humidity sensors. <i>Materials Chemistry and Physics</i> , 2015, 156, 170-179.	4.0	81
3	Electrochemical characteristics of bioresorbable binary MgCa alloys in Ringer's solution: Revealing the impact of local pH distributions during in-vitro dissolution. <i>Materials Science and Engineering C</i> , 2016, 60, 402-410.	7.3	48
4	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. <i>Ceramics International</i> , 2020, 46, 15897-15906.	4.8	36
5	Low cost adsorbents obtained from ash for copper removal. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1735-1744.	2.7	31
6	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
7	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
8	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
9	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
10	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
11	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
12	Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics. <i>Journal of Cleaner Production</i> , 2019, 232, 451-461.	9.3	23
13	Alendronate-Loaded Modified Drug Delivery Lipid Particles Intended for Improved Oral and Topical Administration. <i>Molecules</i> , 2016, 21, 858.	3.8	21
14	Characterization of Some Master Mg-X System (Ca, Mn, Zr, Y) Alloys Used in Medical Applications. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1310-1315.	0.4	19
15	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
16	Microstructural Analysis and Tribological Behavior of AMDRY 1371 (Mo-NiCrFeBSiC) Atmospheric Plasma Spray Deposited Thin Coatings. <i>Coatings</i> , 2020, 10, 1186.	2.6	18
17	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
18	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

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19	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
20	Hydrogen embrittlement of electron beam melted Ti-6Al-4V. Journal of Materials Research and Technology, 2020, 9, 16126-16134.	5.8	16
21	Tinctorial Response of Recycled PET Fibers to Chemical Modifications during Saponification and Aminolysis Reactions. Industrial & Engineering Chemistry Research, 2014, 53, 16652-16663.	3.7	15
22	Microstructural, Electrochemical and In Vitro Analysis of Mg-0.5Ca-xGd Biodegradable Alloys. Applied Sciences (Switzerland), 2021, 11, 981.	2.5	15
23	Osseointegration evaluation of ZrTi alloys with hydroxyapatite-zirconia-silver layer in pig's tibiae. Applied Surface Science, 2019, 487, 127-137.	6.1	14
24	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
25	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. Applied Surface Science, 2015, 352, 169-177.	6.1	12
26	Microstructural analysis of biodegradable Mg-0.9Ca-1.2Zr alloy. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012033.	0.6	12
27	Electrochemical Analysis and In Vitro Assay of Mg-0.5Ca-xY Biodegradable Alloys. Materials, 2020, 13, 3082.	2.9	12
28	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
29	The Estimation of Localized Corrosion Behavior of Ni-Based Dental Alloys Using Electrochemical Techniques. Journal of Materials Engineering and Performance, 2012, 21, 1431-1439.	2.5	11
30	<i>In Vitro</i> Evaluation of the Cytotoxicity of Some New Titanium Alloys. Key Engineering Materials, 0, 587, 303-308.	0.4	11
31	IN VITRO ELECTROCHEMICAL PROPERTIES OF BIODEGRADABLE YSZ-COATED MgCa ALLOY. Environmental Engineering and Management Journal, 2016, 15, 955-963.	0.6	10
32	Controlling and Monitoring of Welding Parameters for Micro-Alloyed Steel Pipes Produced by High Frequency Electric Welding. Advanced Materials Research, 2014, 1036, 464-469.	0.3	9
33	Dry friction aspects of Ni-based self-fluxing flame sprayed coatings. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012091.	0.6	9
34	Electro-chemical Corrosion of a Cast Iron Protected with a Al ₂ O ₃ Ceramic Layer. Revista De Chimie (discontinued), 2019, 69, 3586-3589.	0.4	9
35	Degradation characteristics of Mg0.8Ca in saline solution with and without albumin protein investigated by electrochemical impedance spectroscopy. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 649-655.	1.5	8
36	Pyramidal growth of ceria nanostructures by pulsed laser deposition. Applied Surface Science, 2016, 363, 245-251.	6.1	8

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37	Evaluation of Keratin/Bacterial Cellulose Based Scaffolds as Potential Burned Wound Dressing. Applied Sciences (Switzerland), 2021, 11, 1995.	2.5	8
38	STUDY ON THE BIODEGRADABILITY OF FeMnSi ALLOY. Environmental Engineering and Management Journal, 2016, 15, 973-980.	0.6	8
39	Characterization of Advanced Ceramic Materials Thin Films Deposited on Fe-C Substrate. Revista De Chimie (discontinued), 2017, 68, 2582-2587.	0.4	8
40	The estimation of corrosion behavior of thermal oxidized TiNbTaZr alloys for biomedical applications. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 375-382.	1.5	7
41	XRD and Microstructural Analyses on Biodegradable Mg Alloys. Key Engineering Materials, 2015, 638, 79-84.	0.4	7
42	Wear aspects of internal combustion engine valves. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012036.	0.6	7
43	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
44	Structural Characterization of Mg-0.5Ca-xY Biodegradable Alloys. Key Engineering Materials, 2018, 782, 129-135.	0.4	7
45	IMPROVING SOIL QUALITY BY ADDING MODIFIED ASH. Environmental Engineering and Management Journal, 2012, 11, 297-305.	0.6	7
46	Influence of the relative deformation rate on tube processing by ultrasonic vibration drawing. Revista De Metalurgia, 2004, 40, 109-117.	0.5	7
47	Tribological Behavior and Microstructural Analysis of Atmospheric Plasma Spray Deposited Thin Coatings on Cardan Cross Spindles. Materials, 2021, 14, 7322.	2.9	7
48	In-Vitro Analysis of FeMn-Si Smart Biodegradable Alloy. Materials, 2022, 15, 568.	2.9	7
49	The behavior of ZrO ₂ /20%Y ₂ O ₃ and Al ₂ O ₃ coatings deposited on aluminum alloys at high temperature regime. Applied Surface Science, 2015, 352, 178-183.	6.1	6
50	Corrosion behavior aspects of Ni-base self-fluxing coatings. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012034.	0.6	6
51	Micro-structural and morphological analyses of coated "liquid wood"™ samples by ceramic particles. Materials Research Express, 2019, 6, 085326.	1.6	6
52	REMOVED: In vitro corrosion resistance and in vivo osseointegration testing of new multifunctional beta-type quaternary TiMoZrTa alloys. Materials Science and Engineering C, 2020, 108, 110485.	7.3	6
53	Multiscale Electrochemical Investigation of the Corrosion Resistance of Various Alloys Used in Dental Prostheses. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 1011-1021.	2.1	5
54	Effect of thermal oxidation on electrochemical corrosion behaviour of ZrTi alloys for dental applications. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 1529-1535.	1.5	5

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55	Microstructural Aspects of TBC's Deposited on Internal Combustion Engine Valve Materials. Materials Science Forum, 2017, 907, 151-156.	0.3	5
56	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
57	Thin coatings for pumping station mechanical components. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012007.	0.6	5
58	Surface Characterization of Fracture in Polylactic Acid vs. PLA + Particle (Cu, Al, Graphene) Insertions by 3D Fused Deposition Modeling Technology. Coatings, 2021, 11, 633.	2.6	5
59	Long Term Evaluation of Biodegradation and Biocompatibility In-Vivo the Mg-0.5Ca-xZr Alloys in Rats. Crystals, 2021, 11, 54.	2.2	5
60	Morphological Analysis of Laser Surface Texturing Effect on AISI 430 Stainless Steel. Materials, 2022, 15, 4580.	2.9	5
61	A Comparative Analysis of New Ti-Nb-Zr-Ta Orthopedic Alloys. Advanced Materials Research, 0, 837, 259-264.	0.3	4
62	Electrochemical behavior of new experimental TiNbZrAl alloys for dental applications. Materials and Corrosion - Werkstoffe Und Korrosion, 2014, 65, 828-836.	1.5	4
63	Evaluation of the corrosion resistance of plasma nitrided austenitic stainless steel. International Journal of Materials Research, 2015, 106, 267-274.	0.3	4
64	The Simulation of Point Contact Stress State for APS Coatings. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012044.	0.6	4
65	Friction and wear resistance of Al ₂ O ₃ 40TiO ₂ (AMDREY 6250) coating of a pump shaft sleeve bearing. IOP Conference Series: Materials Science and Engineering, 2020, 724, 012064.	0.6	4
66	Behavior of Dental/Implant Alloys in Commercial Mouthwash Solution Studied by Electrochemical Techniques. Journal of Materials Engineering and Performance, 2013, 22, 882-889.	2.5	3
67	The Study of Microstructure of the MgCa Alloys in their Use in Biodegradable Orthopedic Implants. Advanced Materials Research, 2014, 1036, 207-211.	0.3	3
68	Potential Solutions to Increase the Corrosion Resistance of Metallic Surgical Instruments Using Different Types of Ceramic Coatings. Key Engineering Materials, 2014, 614, 206-211.	0.4	3
69	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
70	Evaluation of the Fatigue Behaviour and Failure Mechanisms of 52100 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray. Materials, 2022, 15, 3609.	2.9	3
71	Comparative & In Vitro Study on MgCa Si MgCaSi Alloys, as Biodegradable Implants. Applied Mechanics and Materials, 0, 659, 75-80.	0.2	2
72	Tribological Tests and SEM Analysis for Titanium Oxide Layers. Key Engineering Materials, 2014, 614, 74-79.	0.4	2

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73	Wear Resistance and XRD Analyses of CNiCrSiBO Coatings Obtained by Thermal Deposition on OLC45 Substrate. Applied Mechanics and Materials, 2014, 659, 16-21.	0.2	2
74	Influence of Time on Thermal Oxidation of CP-Ti Grade II at 850 Å°C. Key Engineering Materials, 2014, 614, 35-40.	0.4	2
75	Structural Modification of Î±-Ti Based Alloy after Submission to Open Flame Thermal Shock. Key Engineering Materials, 0, 638, 333-338.	0.4	2
76	Study of fatigue behavior of longitudinal welded pipes. IOP Conference Series: Materials Science and Engineering, 2016, 145, 022032.	0.6	2
77	Microstructural Investigations on Alloy Mg-2Ca-0.2Mn-0.5Zr-1Y. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012018.	0.6	2
78	Increasing Wear Resistance of Power Steering Pump Cam Using Ni-Cr-Fe and Ni-Cr-Fe-B Coatings. Materials Science Forum, 2017, 907, 145-150.	0.3	2
79	Plasma sprayed coatings on crankshaft used steels. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012077.	0.6	2
80	Microstructural aspects at coating-substrate interface for some thermal sprayed layers on valve discs. IOP Conference Series: Materials Science and Engineering, 2018, 444, 032009.	0.6	2
81	Expanded Foam Glass - an Application for Fire Resistant Multilayer Materials. IOP Conference Series: Materials Science and Engineering, 2020, 877, 012038.	0.6	2
82	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
83	Polymer-Cement Composites Glazing by Concentrated Solar Energy. Coatings, 2021, 11, 350.	2.6	2
84	The Influence of the Environment for Glass-Reinforced Plastic Composite Material Used for Ground Water Transport Pipes. Materials, 2021, 14, 3160.	2.9	2
85	ELECTROCHEMICAL CHARACTERIZATION OF PASSIVE FILM FORMED OVER Ti6Al4Zr ALLOY IN ARTIFICIAL SALIVA. Environmental Engineering and Management Journal, 2010, 9, 779-785.	0.6	2
86	Electrochemical Evaluation of Some Mg-Ca-Mn-Zr Biodegradable Alloys. Revista De Chimie (discontinued), 2019, 70, 3435-3440.	0.4	2
87	A Qualitative Assessment of the Specific Woody Biomass of Fruit Trees. Forests, 2022, 13, 405.	2.1	2
88	The Stress Distribution of a Layered Contact Cam Mechanism Using Finite Element. Advanced Materials Research, 0, 837, 316-321.	0.3	1
89	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
90	The Advanced System for Conducting the Electric Furnaces for Heat Treatments. Applied Mechanics and Materials, 0, 659, 359-364.	0.2	1

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91	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
92	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
93	Microbiological Testing of Biodegradable MgCa Alloys for Use in Orthopedic Implants. Advanced Materials Research, 2014, 1036, 195-200.	0.3	1
94	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
95	Increased Resistance to Mechanical Shock of Metallic Materials by Metal-Ceramic Surface Coatings. Key Engineering Materials, 2015, 638, 316-321.	0.4	1
96	Comparative XRD and Microstructure Analysis on Biodegradable Mg-Si-Ca Alloys. Key Engineering Materials, 0, 660, 51-56.	0.4	1
97	Coating of Liquid Wood Sheets. Materials Science Forum, 2017, 907, 134-139.	0.3	1
98	Experimental, microstructural and tribological studies of the system Mg-2Ca-5Y. IOP Conference Series: Materials Science and Engineering, 2018, 444, 032008.	0.6	1
99	Fire-resistant behaviour of some cellular materials treated with intumescent solutions. IOP Conference Series: Materials Science and Engineering, 2018, 444, 032011.	0.6	1
100	Topical Notions About in Vivo Analysis for Degradable Biomaterials with Utility in Human Body. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012092.	0.6	1
101	Aspects regarding the influence of the processing regime on the surface quality of thermal sprayed coatings. IOP Conference Series: Materials Science and Engineering, 2018, 444, 032012.	0.6	1
102	Some Tribological Aspects of Mg-0.5Ca-xY Biodegradable Materials. Key Engineering Materials, 0, 782, 136-141.	0.4	1
103	Enzyme Biosensing Based on Zinc Oxide Nanostructures as Active Surface. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012070.	0.6	1
104	Corrosion Resistance of a Cast-Iron Material Coated With a Ceramic Layer Using Thermal Spray Method. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012028.	0.6	1
105	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
106	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
107	Contact stress simulation problem in case of thermal spray coatings. IOP Conference Series: Materials Science and Engineering, 2020, 916, 012114.	0.6	1
108	The Influence of Zr on Microstructure, Mechanical Properties and Corrosion Resistance in Mg-Y-Zr Biodegradable Alloys. Revista De Chimie (discontinued), 2019, 69, 3382-3385.	0.4	1

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109	EDITORIAL - ADVANCED ECO-TECHNOLOGIES AND MATERIALS FOR ENVIRONMENTAL AND HEALTH APPLICATION. Environmental Engineering and Management Journal, 2016, 15, 953-954.	0.6	1
110	Researches Concerning Chemical Modifications of Hair Keratin. Revista De Chimie (discontinued), 2019, 70, 2091-2095.	0.4	1
111	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
112	Tribological aspects of some biodegradable magnesium alloys. INCAS Bulletin, 2020, 12, 83-89.	0.6	1
113	Novel Mg-0.5Ca-xMn Biodegradable Alloys Intended for Orthopedic Application: An In Vitro and In Vivo Study. Materials, 2021, 14, 7262.	2.9	1
114	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
115	A Study on Plastic Deformations due to Contact Fatigue Wear on a Metallic Coating Deposited in Electric Arc. Advanced Materials Research, 2013, 837, 9-15.	0.3	0
116	Synthesis and SEM Analysis of Ketoprofen-Hidroxiopropil-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
117	New Titanium Alloys Potentially Used for Metal-Ceramic Applications in Medicine. Key Engineering Materials, 0, 587, 287-292.	0.4	0
118	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
119	A Study on Plastic Deformations due to Contact Fatigue Wear on a Cermet Coating Deposited by Thermal Spraying Methods. Applied Mechanics and Materials, 2014, 659, 34-39.	0.2	0
120	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
121	Influence of the Degree of Cold Drawing over the Wear Test and XRD Analysis of Pipes Used for Dampers. Applied Mechanics and Materials, 2014, 659, 85-90.	0.2	0
122	Wear Particle Analysis, the Result of Tribological Phenomena of Biomaterials Couplings-Ultra High Molecular Weight Polyethylene and Magnesium Aluminosilicate Ceramic. Solid State Phenomena, 0, 216, 226-230.	0.3	0
123	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
124	Studies on the Corrosion Behavior of Deposits Carried out by Thermal Spraying in Electric ARC "Thermal Activated. Applied Mechanics and Materials, 2014, 657, 261-265.	0.2	0
125	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
126	Corrosion Behaviour of a Cermet Deposited Coating in Sulfuric Acid Solution. Applied Mechanics and Materials, 2014, 659, 28-33.	0.2	0

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127	Synthesis, Characterization and Toxicity Analysis of Some Mn(II), Co(II), Ni(II) and Cu(II) Complexes with N-p-Nitrobenzoyl-a-phenylalanine. Asian Journal of Chemistry, 2015, 27, 4510-4516.	0.3	0
128	A comparative study of morphology and composition on oxide nanopowders elaborated by SPVD. IOP Conference Series: Materials Science and Engineering, 2015, 95, 012028.	0.6	0
129	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
130	Failure surfaces morphology for specimens with stress concentrators using scanning electron microscopy. IOP Conference Series: Materials Science and Engineering, 2018, 444, 062018.	0.6	0
131	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
132	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
133	Behavior of multilayer materials when exposed to open flame. Materials Today: Proceedings, 2019, 19, 1073-1080.	1.8	0
134	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
135	Nondestructive Evaluation of Biodegradable Magnesium Alloys. , 2020, , .		0
136	CORROSION BEHAVIOR OF CoCrMo ALLOY IN NON-PASTEURIZED AND PASTEURIZED APPLE JUICE. Environmental Engineering and Management Journal, 2012, 11, 1865-1871.	0.6	0
137	Electrochemical Analysis of Some Biodegradable Mg-Ca-Mn Alloys. Revista De Chimie (discontinued), 2020, 70, 4525-4531.	0.4	0
138	Contact stress simulation problem in case of the Mg alloys. IOP Conference Series: Materials Science and Engineering, 0, 997, 012024.	0.6	0
139	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