

Andrei Victor Sandu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167
papers

1,003
citations

15
h-index

23
g-index

212
ext. papers

1,562
ext. citations

1.7
avg, IF

4.75
L-index

#	Paper	IF	Citations
167	Potential Applications of Geopolymer Cement-Based Composite as Self-Cleaning Coating: A Review. <i>Coatings</i> , 2022 , 12, 133	2.9	1
166	Potential of Soil Stabilization Using Ground Granulated Blast Furnace Slag (GGBFS) and Fly Ash via Geopolymerization Method: A Review.. <i>Materials</i> , 2022 , 15,	3.5	1
165	Heat evolution of alkali-activated materials: A review on influence factors. <i>Construction and Building Materials</i> , 2022 , 314, 125651	6.7	0
164	Clean Water Production Enhancement through the Integration of Small-Scale Solar Stills with Solar Dish Concentrators (SDCs)A Review. <i>Sustainability</i> , 2022 , 14, 5442	3.6	
163	Mechanical and Durability Analysis of Fly Ash Based Geopolymer with Various Compositions for Rigid Pavement Applications. <i>Materials</i> , 2022 , 15, 3458	3.5	2
162	Potential of Rapid Tooling in Rapid Heat Cycle Molding: A Review. <i>Materials</i> , 2022 , 15, 3725	3.5	1
161	A State-of-the-Art Review on Innovative Geopolymer Composites Designed for Water and Wastewater Treatment. <i>Materials</i> , 2021 , 14,	3.5	6
160	Design, Synthesis, and Preliminary Evaluation for Ti-Mo-Zr-Ta-Si Alloys for Potential Implant Applications. <i>Materials</i> , 2021 , 14,	3.5	5
159	Study of Wear and Redistribution Dynamic Forces of Wheel Pairs Restored by a Wear-Resistant Coating 15Cr17Ni12V3F. <i>Coatings</i> , 2021 , 11, 1441	2.9	1
158	Biomimetic Deposition of Hydroxyapatite Layer on Titanium Alloys.. <i>Micromachines</i> , 2021 , 12,	3.3	3
157	New Titanium Alloys, Promising Materials for Medical Devices. <i>Materials</i> , 2021 , 14,	3.5	6
156	Study on the Middle Bronze Age Disc-Butted Axe Ornament from Archaeometallurgical Point of View. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9814	2.6	
155	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , 2021 , 14,	3.5	1
154	Tool Wear and Surface Evaluation in Drilling Fly Ash Geopolymer Using HSS, HSS-Co, and HSS-TiN Cutting Tools. <i>Materials</i> , 2021 , 14,	3.5	7
153	Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , 2021 , 14,	3.5	8
152	The Influence of MMA Esterification on Interfacial Adhesion and Mechanical Properties of Hybrid Kenaf Bast/Glass Fiber Reinforced Unsaturated Polyester Composites. <i>Materials</i> , 2021 , 14,	3.5	2
151	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , 2021 , 14,	3.5	9

150	Development of technological equipment for restoration of rolled wheeled pairs of railway wagons. <i>Russian Automobile and Highway Industry Journal</i> , 2021 , 18, 168-179	0.4	
149	Freeze-Thaw Effect on Road Concrete Containing Blast Furnace Slag: NMR Relaxometry Investigations. <i>Materials</i> , 2021 , 14,	3.5	2
148	Assessment of the Suitability of Ceramic Waste in Geopolymer Composites: An Appraisal. <i>Materials</i> , 2021 , 14,	3.5	15
147	Investigation of the Strength Parameters of Drilling Pumps during the Formation of Contact Stresses in Gears. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7076	2.6	1
146	In-depth assessment of new Ti-based biocompatible materials. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123959	4.4	3
145	New Ti-Mo-Si materials for bone prosthesis applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 113, 104198	4.1	7
144	Study on the Durability of Road Concrete with Blast Furnace Slag Affected by the Corrosion Initiated by Chloride. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-16	1.3	1
143	Effect of Ni on the Suppression of Sn Whisker Formation in Sn-0.7Cu Solder Joint. <i>Materials</i> , 2021 , 14,	3.5	4
142	Study of the Spatial Distribution of Forces and Stresses on Wear Surfaces at Optimization of the Excavating Part of an Earthmoving Machine Transverse Profile. <i>Coatings</i> , 2021 , 11, 182	2.9	2
141	Performance of Sn-3.0Ag-0.5Cu Composite Solder with Kaolin Geopolymer Ceramic Reinforcement on Microstructure and Mechanical Properties under Isothermal Ageing. <i>Materials</i> , 2021 , 14,	3.5	2
140	Sodium-Based Chitosan Polymer Embedded with Copper Selenide (CuSe) Flexible Film for High Electromagnetic Interference (EMI) Shielding Efficiency. <i>Magnetochemistry</i> , 2021 , 7, 102	3.1	2
139	Effect of Electromigration and Thermal Ageing on the Tin Whiskers Formation in Thin Sn0.7Cu0.05Ga Lead (Pb)-Free Solder Joints. <i>Coatings</i> , 2021 , 11, 935	2.9	3
138	Geopolymer coating paste on concrete for photocatalytic performance 2021 ,		1
137	XRD and TG-DTA Study of New Phosphate-Based Geopolymers with Coal Ash or Metakaolin as Aluminosilicate Source and Mine Tailings Addition.. <i>Materials</i> , 2021 , 15,	3.5	3
136	Design of Experiment in the Milling Process of Aluminum Alloys in the Aerospace Industry. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6951	2.6	7
135	Authentication of a Painting by Nicolae Grigorescu Using Modern Multi-Analytical Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3558	2.6	3
134	Effect of Solid-to-Liquid Ratio on Thin Fly Ash Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 743, 012006	0.4	3
133	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , 2020 , 13,	3.5	17

132	Investigation into the Effect of Thermal Treatment on the Obtaining of Magnetic Phases: FeY, FeB, YFeB and Be within the Amorphous Matrix of Rapidly-Quenched FeCoWYB Alloys (Where x = 0, 1 or 2). <i>Materials</i> , 2020 , 13,	3.5	1
131	Authentication of an Old Violin by Multianalytical Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3062.6		2
130	New Ecological Solutions Involved in the Cleaning of a 19th Century Icon. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1175	2.6	0
129	Improvement of the Turbine Blade Surface Phase Structure Recovered by Plasma Spraying. <i>Coatings</i> , 2020 , 10, 62	2.9	6
128	XRD and TG-DTA Study of New Alkali Activated Materials Based on Fly Ash with Sand and Glass Powder. <i>Materials</i> , 2020 , 13,	3.5	38
127	Evaluation of the Corrosion Resistance of Phosphate Coatings Deposited on the Surface of the Carbon Steel Used for Carabiners Manufacturing. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2753	2.6	20
126	Strength development of solely ground granulated blast furnace slag geopolymers. <i>Construction and Building Materials</i> , 2020 , 250, 118720	6.7	42
125	The Magnetisation Process of Bulk Amorphous Alloys: FeCoYB, Where: x = 0, 3, 7, or 12. <i>Materials</i> , 2020 , 13,	3.5	4
124	Characterisation at the Bonding Zone between Fly Ash Based Geopolymer Repair Materials (GRM) and Ordinary Portland Cement Concrete (OPCC). <i>Materials</i> , 2020 , 14,	3.5	12
123	Relationship between the shape of X-ray diffraction patterns and magnetic properties of bulk amorphous alloys Fe ₆₅ Nb ₅ Y ₅ +xHf ₅ -xB ₂₀ (where: x = 0, 1, 2, 3, 4, 5). <i>Journal of Alloys and Compounds</i> , 2020 , 820, 153420	5.7	2
122	Assessment of the quality of quaternary groundwater under the influence of anthropogenic activities in the low-income neighbourhoods of the Treichville municipality (Abidjan, Côte d'Ivoire). <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	0
121	Experimental Research on the Cutting of Metal Materials by Electrical Discharge Machining with Contact Breaking with Metal Band as Transfer Object. <i>Materials</i> , 2020 , 13,	3.5	1
120	Revealing the Influence of Microparticles on Geopolymers' Synthesis and Porosity. <i>Materials</i> , 2020 , 13,	3.5	13
119	Influence of TiO ₂ Nanoparticles Addition on the Hydrophilicity of Cementitious Composites Surfaces. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4501	2.6	3
118	Phosphate Surface Treatment for Improving the Corrosion Resistance of the C45 Carbon Steel Used in Carabiners Manufacturing. <i>Materials</i> , 2020 , 13,	3.5	9
117	Microstructural Analysis and Tribological Behavior of AMDRY 1371 (MoNiCrFeBSiC) Atmospheric Plasma Spray Deposited Thin Coatings. <i>Coatings</i> , 2020 , 10, 1186	2.9	7
116	Microstructural Analysis and Tribological Behavior of Ti-Based Alloys with a Ceramic Layer Using the Thermal Spray Method. <i>Coatings</i> , 2020 , 10, 1216	2.9	11
115	Shock Resistance Improvement of Carbon Steel Carabiners Used at PPE. <i>MATEC Web of Conferences</i> , 2019 , 290, 12004	0.3	4

114	Characterization and Mechanical Proprieties of New TiMo Alloys Used for Medical Applications. <i>Materials</i> , 2019 , 12,	3.5	21
113	The Galvanic Corrosion Behavior of Phosphated Carbon Steel Used at Carabiners Manufacturing. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 215-219	1.8	10
112	Galvanic Corrosion Behaviour of Phosphate Nodular Cast Iron in Different Types of Residual Waters and Couplings. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 3597-3602	1.8	2
111	Compressive Strength and Thermal Conductivity of Fly Ash Geopolymer Concrete Incorporated with Lightweight Aggregate, Expanded Clay Aggregate and Foaming Agent. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 4021-4028	1.8	6
110	Galvanic Corrosion of Ductile Cast Iron Coupled with Different Alloys in Synthetic Domestic Waste Water. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 506-511	1.8	2
109	Biocompatible Titanium Alloys used in Medical Applications. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 1302-1306	1.8	21
108	Experimental Study on the Influence of Zirconia Surface Preparation on Deposition of Hydroxyapatite. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 2273-2275	1.8	3
107	Thermal Insulation Properties of Insulated Concrete. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 3027-3031	1.8	7
106	Electrochemical Evaluation of AISI 420 Steel after Several Heat Treatments. <i>Acta Physica Polonica A</i> , 2019 , 135, 115-118	0.6	
105	Characterization of the Acid-Base Character of Burned Clay Ceramics Used for Water Decontamination. <i>Materials</i> , 2019 , 12,	3.5	1
104	Solidification Behavior of Sn Cu Based Peritectic Alloys: A Short Review. <i>Solid State Phenomena</i> , 2018 , 273, 34-39	0.4	1
103	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. <i>Advances in Cement Research</i> , 2018 , 30, 66-74	1.8	5
102	Influence of Nanostructuration on the Sound Velocity in Aluminum Al _{99.50} . <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012038	0.4	
101	The Choice of Recycling Methods for Single-Polymer Polyester Composites 2018 , 55, 658-665		2
100	A Review on Fly Ash as a Raw Cementitious Material for Geopolymer Concrete. <i>Revista De Chimie (discontinued)</i> , 2018 , 69, 1661-1667	1.8	15
99	Optimization and Numerical Anlysis of Mechanical Properties of Connecting Rod in the Internal Combustion Engine. <i>Revista De Chimie (discontinued)</i> , 2018 , 69, 2813-2815	1.8	2
98	Effect of Solid to Liquid Ratio on Heavy Metal Removal by Geopolymer-Based Adsorbent. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012045	0.4	1
97	Magnetic Properties of Rapid Cooled FeCoB Based Alloys Produced by Injection Molding. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012021	0.4	

96	Preliminary Tests for Ti-Mo-Zr-Ta Alloys as Potential Biomaterials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012023	0.4	8
95	Noninvasive Evaluation of Special Alloys for Prostheses Using Complementary Methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012030	0.4	2
94	The Taguchi Method Application to Improve the Quality of a Sustainable Process. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012054	0.4	2
93	Effect of Mixing Temperature on Characteristics of Thermoplastic Potato Starch Film. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012083	0.4	3
92	The Effect of Copper Addition on the Properties of Sn-0.7Cu Solder Paste. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 318, 012062	0.4	0
91	Research on improving water quality using two experimental statistical methods. <i>MATEC Web of Conferences</i> , 2018 , 178, 08014	0.3	
90	Assessment of Hard Thin Layers Deposited by Plasma Spray on Hydroboration. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012029	0.4	2
89	Assessment of Hydrophobic Coating on Porous Calcareous Rocks Surface Exposed in Urban Ambient Air Pollution. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012091	0.4	
88	Technical Parameters Modeling of a Gas Probe Foaming Using an Active Experimental Type Research. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012034	0.4	
87	The Effect of Heat Treatment and Corrosion Behavior of AISI420. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012039	0.4	2
86	Contributions concerning the possibility of implementing the APQP concept in the aerospace industry. <i>MATEC Web of Conferences</i> , 2018 , 178, 08013	0.3	2
85	Review on Characterization and Mechanical Performance of Self-cleaning Concrete. <i>MATEC Web of Conferences</i> , 2017 , 97, 01022	0.3	6
84	Properties and Behavior of Geopolymer Concrete Subjected to Explosive Air Blast Loading: A Review. <i>MATEC Web of Conferences</i> , 2017 , 97, 01019	0.3	7
83	XRD and FTIR study of the effect of ultra high molecular weight polyethylene (UHMWPE) as binder on kaolin geopolymer ceramics 2017 ,		2
82	The Effect of Different Ratio Bottom Ash and Fly Ash Geopolymer Brick on Mechanical Properties for Non-loading Application. <i>MATEC Web of Conferences</i> , 2017 , 97, 01017	0.3	3
81	Durability of metakaolin geopolymers with various sodium silicate/sodium hydroxide ratios against seawater exposure 2017 ,		2
80	Zirconia Dental Implant Materials. <i>Materials Science Forum</i> , 2017 , 907, 99-103	0.4	
79	Use of Incineration Solid Waste Bottom Ash as Cement Mixture in Cement Production. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012082	0.4	2

78	Study on Fired Clay Bricks by Replacing Clay with Palm Oil Waste: Effects on Physical and Mechanical Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012037	0.4	3
77	Fabrication of Porous Ceramic-Geopolymer Based Material to Improve Water Absorption and Retention in Construction Materials: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012004	0.4	2
76	The Structure and Properties of Rapid Cooled Iron Based Alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012023	0.4	
75	Structural Modifications of Superficial Layer of C45 Steel Samples Through WT20 and WZr8 Depositions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012053	0.4	
74	The reactivity of Ti10Zr alloy in biological and electrochemical systems in the presence of chitosan. <i>RSC Advances</i> , 2017 , 7, 13919-13927	3.7	2
73	Microstructural and phase analysis of Sn-Cu-Ni-XSiC composite solder 2017 ,		1
72	Microstructure and mechanical properties of lead-free Sn-Cu-Ni composite solder paste reinforced with silicon (Si) particles 2017 ,		2
71	Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012038	0.4	6
70	Thermal Processing of a Titanium Alloy for Aeronautical Applications. <i>Materials Science Forum</i> , 2017 , 907, 214-219	0.4	1
69	Approaching on Colorimetric Change of Porous Calcareous Rocks Exposed in Urban Environmental Conditions from Iasi [Romania]. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012080	0.4	1
68	Obtaining and Mechanical Properties of Ti-Mo-Zr-Ta Alloys. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012019	0.4	4
67	SEM Evaluation of Surrounding Enamel after Finishing of Composite Restorations [Preliminary Results]. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012079	0.4	1
66	Corrosion Evaluation of Some Phosphated Thin Layers on Reinforcing Steel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012025	0.4	1
65	Flexural Strength of Single Polymer Polyester Composites as a Measure of Material Degradation 2017 , 54, 539-542		3
64	Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites 2017 , 54, 543-545		5
63	Mechanism of Cement Paste with Different Particle Sizes of Bottom Ash as Partial Replacement in Portland Cement. <i>Revista De Chimie (discontinued)</i> , 2017 , 68, 2367-2372	1.8	5
62	Influence of Foaming Agent/Water Ratio and Foam/Geopolymer Paste Ratio to the Properties of Fly Ash-based Lightweight Geopolymer for Brick Application. <i>Revista De Chimie (discontinued)</i> , 2017 , 68, 1978-1982	1.8	9
61	Behavior of CuPb12Sn6 Alloys subjected to Heat Treatments. <i>MATEC Web of Conferences</i> , 2016 , 78, 010823		

60	Effect of Ultra High Molecular Weight Polyethylene (UHMWPE) as Binder and Sintering Temperature in Kaolin Geopolymer Ceramics on Flexural Strength. <i>Materials Science Forum</i> , 2016 , 857, 412-415	0.4	2
59	Analysis of the Thermal and Magnetic Properties of Amorphous Fe ₆₁ Co ₁₀ Zr _{2.5} Hf _{2.5} Me ₂ W ₂ B ₂ O (Where Me = Mo, Nb, Ni Or Y) Ribbons. <i>Archives of Metallurgy and Materials</i> , 2016 , 61, 641-644		2
58	A Review on Fly Ash Based Geopolymer Rubberized Concrete. <i>Key Engineering Materials</i> , 2016 , 700, 183-196		6
57	Structural Analysis of CoCrMoSi ₆ Alloy Used in Medical Applications. <i>Key Engineering Materials</i> , 2016 , 700, 86-92	0.4	1
56	Microstructural analysis of biodegradable Mg-0.9Ca-1.2Zr alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 147, 012033	0.4	2
55	Study on structure and properties of CuZn ₄₀ Pb alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012015	0.4	3
54	Properties and Microstructural Characteristic of Kaolin Geopolymer Ceramics with Addition of Ultra High Molecular Weight Polyethylene. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012023	0.4	1
53	Optical Data Support on Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. <i>Materials Science Forum</i> , 2016 , 857, 431-436	0.4	
52	SEM, XPS Studies, and Magnetoresistance Properties of Co, Ni, Co _{Ni} , and Ni _{Ni} Thin Films Prepared by Electrodeposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016 , 29, 469-475	1.5	9
51	Correlation between Mix Design Study and Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. <i>Materials Science Forum</i> , 2016 , 841, 34-39	0.4	
50	Effect of Ta on the electrochemical behavior of new TiMoZrTa alloys in artificial physiological solution simulating in vitro inflammatory conditions. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016 , 67, 1314-1320	1.6	17
49	Colour change evaluation on UV radiation exposure forP ₁₁ n-Repedeacalcareous geomaterial. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012061	0.4	1
48	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. <i>Key Engineering Materials</i> , 2016 , 673, 47-54	0.4	2
47	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012004	0.4	9
46	Self-cleaning geopolymer concrete - A review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012026	0.4	15
45	Self-Cleaning Technology in Fabric: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012028	0.4	26
44	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. <i>MATEC Web of Conferences</i> , 2016 , 78, 01063	0.3	11
43	The Analysis of Metallic Materials Subjected to Cycles of Thermal and Mechanical Fatigue. <i>Key Engineering Materials</i> , 2016 , 700, 78-85	0.4	

42	The influence of NaCl aerosols on weight and height development of children. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 15	3.1	3
41	Effect of Solids-To-Liquids, Na ₂ SiO ₃ -To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si + Ca) Geopolymerisation System. <i>Materials</i> , 2015 , 8, 2227-2242	3.5	78
40	Corrosion of Mild Steel by Urban River Water. <i>Instrumentation Science and Technology</i> , 2015 , 43, 545-557	1.4	6
39	The Effect of Solid-to-Liquid Ratio and Temperature on Mechanical Properties of Kaolin Geopolymer Ceramics. <i>Key Engineering Materials</i> , 2015 , 660, 23-27	0.4	1
38	A Review Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. <i>Key Engineering Materials</i> , 2015 , 660, 249-253	0.4	1
37	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. <i>Key Engineering Materials</i> , 2015 , 660, 28-33	0.4	5
36	Study Regarding the Influence of Different Antiseptic Mouthwashes on Surface Roughness of Traditional Glass Ionomer Cements. <i>Key Engineering Materials</i> , 2015 , 660, 165-169	0.4	
35	Chemical Deposition of Thin Layers on Reinforcing Steel. <i>Key Engineering Materials</i> , 2015 , 660, 213-218	0.4	2
34	The Pozzoolanic Activity Level of Powder Waste Glass in Comparisons with other Powders. <i>Key Engineering Materials</i> , 2015 , 660, 237-243	0.4	11
33	Synthesis of Nanosized Silica and Silver-Doped Silica Nanoparticles for Heat Transfer Fluids Applications. <i>Key Engineering Materials</i> , 2015 , 660, 155-160	0.4	
32	Fabrication of High Performance Geopolymer Ceramic Part I - Microstructural Properties. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 698-702	0.3	1
31	Influence of type of precursors on the sol-gel synthesis of the LaCoO ₃ nanoparticles. <i>Acta Chimica Iasi</i> , 2014 , 22, 1-12	1.2	5
30	Improvement of Properties of Aluminum Bronze CuAl ₇ Mn ₃ by Heat Treatments. <i>Applied Mechanics and Materials</i> , 2014 , 657, 412-416	0.3	2
29	Establishing the archaeo-metallurgic ornamentation process of an axe from the bronze age by OM, SEM-EDX, and micro-FTIR. <i>Microscopy Research and Technique</i> , 2014 , 77, 918-27	2.8	5
28	Replacement of Lead by Green Tungsten-Brass Composites as a Radiation Shielding Material. <i>Applied Mechanics and Materials</i> , 2014 , 679, 39-44	0.3	3
27	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. <i>Applied Mechanics and Materials</i> , 2014 , 679, 20-24	0.3	7
26	Influence of In doping on electro-optical properties of ZnO films. <i>Bulletin of Materials Science</i> , 2013 , 36, 231-237	1.7	19
25	Microstructure Studies on Different Types of Geopolymer Materials. <i>Applied Mechanics and Materials</i> , 2013 , 421, 384-389	0.3	8

24	Complementary cross-section based protocol of investigation of polychrome samples of a 16th century Moravian Sculpture by optical, vibrational and mass spectrometric techniques. <i>Microchemical Journal</i> , 2013 , 110, 538-544	4.8	29
23	Cu-SiCp Composites as Advanced Electronic Packaging Materials. <i>Key Engineering Materials</i> , 2013 , 594-595, 852-856	0.4	2
22	The Effect of Various Waste Materials' Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. <i>Materials</i> , 2013 , 6, 4836-4846	3.5	18
21	On the Structure of Shape Memory Alloys. <i>Key Engineering Materials</i> , 2013 , 594-595, 140-145	0.4	
20	Thermal Expansion Behavior of the Electroless Copper Coated Cu-SiCp Composites Fabricated via the Conventional Powder Metallurgical Technique. <i>Key Engineering Materials</i> , 2013 , 594-595, 857-861	0.4	0
19	Colorimetric and microscopic study of the thermal behavior of new ceramic pigments. <i>Microscopy Research and Technique</i> , 2013 , 76, 564-71	2.8	5
18	On the Fatigue of Shape Memory Alloys. <i>Key Engineering Materials</i> , 2013 , 594-595, 133-139	0.4	1
17	Preparation and magnetic properties of electrodeposited [Co/Zn] multilayer films. <i>Materials Chemistry and Physics</i> , 2012 , 131, 561-568	4.4	4
16	SEM-EDX and microFTIR studies on evaluation of protection capacity of some thin phosphate layers. <i>Microscopy Research and Technique</i> , 2012 , 75, 1711-6	2.8	12
15	Investigation of Structural, Magnetic and Magnetotransport Properties of Electrodeposited Co ₁₀ Fe ₁₀ O ₂ Nanocomposite Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 2377-2387	1.5	3
14	Study of the atypical formations in the corrosion bulks of an ancient bronze shield, by optical and electron microscopy. <i>Microscopy Research and Technique</i> , 2012 , 75, 1467-74	2.8	5
13	The Effects of the Thermal Treatment on the Structural and Magnetic Properties of Zn _{1-x} Co _x Alloys Prepared by Electrochemical Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 469-474	1.5	3
12	Magnetic Field Effects on Surface Morphology and Magnetic Properties of Co _{1-x} Ni _x Thin Films Prepared by Electrodeposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 2053-2057	1.5	3
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