

Andrei Victor Sandu

List of Publications by Citations

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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	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
166	In situ preparation of CoFe ₂ O ₄ @Bb(ZrTi)O ₃ multiferroic composites by gel-combustion technique. <i>Journal of the European Ceramic Society</i> , 2009 , 29, 2807-2813	6	45
165	Strength development of solely ground granulated blast furnace slag geopolymers. <i>Construction and Building Materials</i> , 2020 , 250, 118720	6.7	42
164	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
163	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
162	Self-Cleaning Technology in Fabric: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012028	0.4	26
161	Functional properties of nickel cobalt oxide thin films. <i>Thin Solid Films</i> , 2011 , 520, 651-655	2.2	25
160	SEM and EDX studies of bioactive hydroxyapatite coatings on titanium implants. <i>Micron</i> , 2009 , 40, 143-62.3	2.3	23
159	Characterization and Mechanical Proprieties of New TiMo Alloys Used for Medical Applications. <i>Materials</i> , 2019 , 12,	3.5	21
158	Biocompatible Titanium Alloys used in Medical Applications. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 1302-1306	1.8	21
157	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
156	Influence of In doping on electro-optical properties of ZnO films. <i>Bulletin of Materials Science</i> , 2013 , 36, 231-237	1.7	19
155	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
154	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , 2020 , 13,	3.5	17
153	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
152	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
151	Assessment of the Suitability of Ceramic Waste in Geopolymer Composites: An Appraisal. <i>Materials</i> , 2021 , 14,	3.5	15

150	Self-cleaning geopolymer concrete - A review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012026	0.4	15
149	Low field permittivity of ferroelectric-ferrite ceramic composites: Experiment and modeling. <i>Journal of Applied Physics</i> , 2012 , 112, 094103	2.5	13
148	Revealing the Influence of Microparticles on Geopolymers' Synthesis and Porosity. <i>Materials</i> , 2020 , 13,	3.5	13
147	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
146	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
145	The Pozzolan Activity Level of Powder Waste Glass in Comparisons with other Powders. <i>Key Engineering Materials</i> , 2015 , 660, 237-243	0.4	11
144	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
143	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
142	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
141	SEM, XPS Studies, and Magnetoresistance Properties of Co, Ni, Co ₉₀ Ni ₁₀ , and Ni ₉₀ Co ₁₀ Thin Films Prepared by Electrodeposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016 , 29, 469-475	1.5	9
140	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
139	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
138	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , 2021 , 14,	3.5	9
137	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
136	Microstructure Studies on Different Types of Geopolymer Materials. <i>Applied Mechanics and Materials</i> , 2013 , 421, 384-389	0.3	8
135	Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , 2021 , 14,	3.5	8
134	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
133	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

132	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
131	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. <i>Applied Mechanics and Materials</i> , 2014 , 679, 20-24	0.3	7
130	Effect of nitrogen addition on the morphology, magnetic and magnetoresistance properties of electrodeposited Co, Ni and CoNi granular thin films onto aluminum substrates. <i>Materials Chemistry and Physics</i> , 2011 , 130, 327-333	4.4	7
129	Tunneling magnetoresistance in CoNi/Al granular thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010 , 167, 119-123	3.1	7
128	Thermal Insulation Properties of Insulated Concrete. <i>Revista De Chimie (discontinued)</i> , 2019 , 70, 3027-3031	3.8	7
127	Microstructural Analysis and Tribological Behavior of AMDRY 1371 (MoNiCrFeBSiC) Atmospheric Plasma Spray Deposited Thin Coatings. <i>Coatings</i> , 2020 , 10, 1186	2.9	7
126	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
125	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
124	Review on Characterization and Mechanical Performance of Self-cleaning Concrete. <i>MATEC Web of Conferences</i> , 2017 , 97, 01022	0.3	6
123	Corrosion of Mild Steel by Urban River Water. <i>Instrumentation Science and Technology</i> , 2015 , 43, 545-557	1.4	6
122	Improvement of the Turbine Blade Surface Phase Structure Recovered by Plasma Spraying. <i>Coatings</i> , 2020 , 10, 62	2.9	6
121	A Review on Fly Ash Based Geopolymer Rubberized Concrete. <i>Key Engineering Materials</i> , 2016 , 700, 183-196	1.6	6
120	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
119	A State-of-the-Art Review on Innovative Geopolymer Composites Designed for Water and Wastewater Treatment. <i>Materials</i> , 2021 , 14,	3.5	6
118	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
117	New Titanium Alloys, Promising Materials for Medical Devices. <i>Materials</i> , 2021 , 14,	3.5	6
116	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
115	Influence of type of precursors on the sol-gel synthesis of the LaCoO ₃ nanoparticles. <i>Acta Chemica Iasi</i> , 2014 , 22, 1-12	1.2	5

114	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. <i>Key Engineering Materials</i> , 2015 , 660, 28-33	0.4	5
113	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
112	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
111	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
110	Design, Synthesis, and Preliminary Evaluation for Ti-Mo-Zr-Ta-Si Alloys for Potential Implant Applications. <i>Materials</i> , 2021 , 14,	3.5	5
109	Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites 2017 , 54, 543-545		5
108	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
107	Shock Resistance Improvement of Carbon Steel Carabiners Used at PPE. <i>MATEC Web of Conferences</i> , 2019 , 290, 12004	0.3	4
106	Preparation and magnetic properties of electrodeposited [Co/Zn] multilayer films. <i>Materials Chemistry and Physics</i> , 2012 , 131, 561-568	4.4	4
105	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
104	The Magnetisation Process of Bulk Amorphous Alloys: FeCoYB, Where: x = 0, 3, 7, or 12. <i>Materials</i> , 2020 , 13,	3.5	4
103	Effect of Ni on the Suppression of Sn Whisker Formation in Sn-0.7Cu Solder Joint. <i>Materials</i> , 2021 , 14,	3.5	4
102	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
101	The influence of NaCl aerosols on weight and height development of children. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 15	3.1	3
100	Authentication of a Painting by Nicolae Grigorescu Using Modern Multi-Analytical Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3558	2.6	3
99	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
98	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
97	Study on structure and properties of CuZn40Pb alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012015	0.4	3

96	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
95	Investigation of Structural, Magnetic and Magnetotransport Properties of Electrodeposited Co ₃ O ₄ /TiO ₂ Nanocomposite Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 2377-2387	1.5	3
94	The Effects of the Thermal Treatment on the Structural and Magnetic Properties of Zn ₀ Co Alloys Prepared by Electrochemical Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 469-474	1.5	3
93	Magnetic Field Effects on Surface Morphology and Magnetic Properties of Co ₃ O ₄ /TiO ₂ Thin Films Prepared by Electrodeposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 2053-2057	1.5	3
92	Biomimetic Deposition of Hydroxyapatite Layer on Titanium Alloys.. <i>Micromachines</i> , 2021 , 12,	3.3	3
91	Flexural Strength of Single Polymer Polyester Composites as a Measure of Material Degradation 2017 , 54, 539-542		3
90	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
89	Influence of TiO ₂ Nanoparticles Addition on the Hydrophilicity of Cementitious Composites Surfaces. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4501	2.6	3
88	In-depth assessment of new Ti-based biocompatible materials. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123959	4.4	3
87	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
86	Effect of Electromigration and Thermal Ageing on the Tin Whiskers Formation in Thin Sn _{0.7} Cu _{0.05} Ga Lead (Pb)-Free Solder Joints. <i>Coatings</i> , 2021 , 11, 935	2.9	3
85	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
84	XRD and FTIR study of the effect of ultra high molecular weight polyethylene (UHMWPE) as binder on kaolin geopolymer ceramics 2017 ,		2
83	Durability of metakaolin geopolymers with various sodium silicate/sodium hydroxide ratios against seawater exposure 2017 ,		2
82	Authentication of an Old Violin by Multianalytical Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3062.6		2
81	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
80	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
79	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

78	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
77	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
76	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
75	The reactivity of Ti ₁₀ Zr alloy in biological and electrochemical systems in the presence of chitosan. <i>RSC Advances</i> , 2017 , 7, 13919-13927	3.7	2
74	Microstructure and mechanical properties of lead-free Sn-Cu-Ni composite solder paste reinforced with silicon (Si) particles 2017 ,		2
73	Chemical Deposition of Thin Layers on Reinforcing Steel. <i>Key Engineering Materials</i> , 2015 , 660, 213-218	0.4	2
72	Cu-SiCp Composites as Advanced Electronic Packaging Materials. <i>Key Engineering Materials</i> , 2013 , 594-595, 852-856	0.4	2
71	Influence of technological parameters on the dynamic behavior of a MEMS accelerometer 2010 ,		2
70	A structural-morphological study of a Cu 63 Al 26 Mn 11 shape memory alloy 2009 ,		2
69	RESEARCH ON NaCl SALINE AEROSOLS I. NATURAL AND ARTIFICIAL SOURCES AND THEIR IMPLICATIONS. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 881-888	0.6	2
68	RESEARCH ON NaCl SALINE AEROSOLS II. NEW ARTIFICIAL HALOCHAMBER CHARACTERISTICS. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 1105-1113	0.6	2
67	The Choice of Recycling Methods for Single-Polymer Polyester Composites 2018 , 55, 658-665		2
66	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
65	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
64	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
63	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
62	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
61	Freeze-Thaw Effect on Road Concrete Containing Blast Furnace Slag: NMR Relaxometry Investigations. <i>Materials</i> , 2021 , 14,	3.5	2

60	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. <i>Key Engineering Materials</i> , 2016 , 673, 47-54	0.4	2
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	Solidification Behavior of Sn Cu Based Peritectic Alloys: A Short Review. <i>Solid State Phenomena</i> , 2018 , 273, 34-39	0.4	1
47	Structural Analysis of CoCrMoSi6 Alloy Used in Medical Applications. <i>Key Engineering Materials</i> , 2016 , 700, 86-92	0.4	1
46	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
45	Microstructural and phase analysis of Sn-Cu-Ni-XSiC composite solder 2017 ,		1
44	Thermal Processing of a Titanium Alloy for Aeronautical Applications. <i>Materials Science Forum</i> , 2017 , 907, 214-219	0.4	1
43	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

42	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
41	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
40	A Review [Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. <i>Key Engineering Materials</i> , 2015 , 660, 249-253	0.4	1
39	Fabrication of High Performance Geopolymer Ceramic Part I - Microstructural Properties. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 698-702	0.3	1
38	On the Fatigue of Shape Memory Alloys. <i>Key Engineering Materials</i> , 2013 , 594-595, 133-139	0.4	1
37	Manufacturing and testing technology for a silicon piezoresistive microaccelerometer 2010 ,		1
36	Potential Applications of Geopolymer Cement-Based Composite as Self-Cleaning Coating: A Review. <i>Coatings</i> , 2022 , 12, 133	2.9	1
35	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
34	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
33	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
32	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , 2021 , 14,	3.5	1
31	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
30	Colour change evaluation on UV radiation exposure forP[un]n-Repedeacalcareous geomaterial. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012061	0.4	1
29	Characterization of the Acid-Base Character of Burned Clay Ceramics Used for Water Decontamination. <i>Materials</i> , 2019 , 12,	3.5	1
28	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
27	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
26	Geopolymer coating paste on concrete for photocatalytic performance 2021 ,		1
25	Potential of Rapid Tooling in Rapid Heat Cycle Molding: A Review. <i>Materials</i> , 2022 , 15, 3725	3.5	1

24	New Ecological Solutions Involved in the Cleaning of a 19th Century Icon. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1175	2.6	o
23	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	o
22	Heat evolution of alkali-activated materials: A review on influence factors. <i>Construction and Building Materials</i> , 2022 , 314, 125651	6.7	o
21	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	o
20	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	o
19	Zirconia Dental Implant Materials. <i>Materials Science Forum</i> , 2017 , 907, 99-103	0.4	
18	Behavior of CuPb12Sn6 Alloys subjected to Heat Treatments. <i>MATEC Web of Conferences</i> , 2016 , 78, 010823	0.4	
17	The Structure and Properties of Rapid Cooled Iron Based Alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 209, 012023	0.4	
16	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	
15	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	
14	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	
13	Influence of Nanostructuring on the Sound Velocity in Aluminum Al _{99.50} . <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 374, 012038	0.4	
12	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	
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