

Andrei Victor Sandu

List of Publications by Year in descending order

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212
docs citations

212
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat evolution of alkali-activated materials: A review on influence factors. Construction and Building Materials, 2022, 314, 125651.	7.2	26
2	Potential Applications of Geopolymer Cement-Based Composite as Self-Cleaning Coating: A Review. Coatings, 2022, 12, 133.	2.6	16
3	Potential of Soil Stabilization Using Ground Granulated Blast Furnace Slag (GGBFS) and Fly Ash via Geopolymerization Method: A Review. Materials, 2022, 15, 375.	2.9	46
4	Contribution of Interfacial Bonding towards Geopolymers Properties in Geopolymers Reinforced Fibers: A Review. Materials, 2022, 15, 1496.	2.9	3
5	Formation and Growth of Intermetallic Compounds in Lead-Free Solder Joints: A Review. Materials, 2022, 15, 1451.	2.9	9
6	Recent Developments in Steelmaking Industry and Potential Alkali Activated Based Steel Waste: A Comprehensive Review. Materials, 2022, 15, 1948.	2.9	14
7	Mechanical Characterization and In Vitro Assay of Biocompatible Titanium Alloys. Micromachines, 2022, 13, 430.	2.9	16
8	Burned Clay Ceramics Used in Water Treatment. , 2022, 7, .		0
9	The Influence of Sintering Temperature on the Pore Structure of an Alkali-Activated Kaolin-Based Geopolymer Ceramic. Materials, 2022, 15, 2667.	2.9	16
10	Effect of Kaolin Geopolymer Ceramics Addition on the Microstructure and Shear Strength of Sn-3.0Ag-0.5Cu Solder Joints during Multiple Reflow. Materials, 2022, 15, 2758.	2.9	3
11	XRD and TG-DTA Study of New Phosphate-Based Geopolymers with Coal Ash or Metakaolin as Aluminosilicate Source and Mine Tailings Addition. Materials, 2022, 15, 202.	2.9	38
12	Clean Water Production Enhancement through the Integration of Small-Scale Solar Stills with Solar Dish Concentrators (SDCs)â€”A Review. Sustainability, 2022, 14, 5442.	3.2	2
13	Mechanical and Durability Analysis of Fly Ash Based Geopolymer with Various Compositions for Rigid Pavement Applications. Materials, 2022, 15, 3458.	2.9	21
14	Potential of Rapid Tooling in Rapid Heat Cycle Molding: A Review. Materials, 2022, 15, 3725.	2.9	14
15	Preparation of Fly Ash-Ladle Furnace Slag Blended Geopolymer Foam via Pre-Foaming Method with Polyoxyethylene Alkyether Sulphate Incorporation. Materials, 2022, 15, 4085.	2.9	3
16	Forecasting Daytime Ground-Level Ozone Concentration in Urbanized Areas of Malaysia Using Predictive Models. Sustainability, 2022, 14, 7936.	3.2	3
17	In-depth assessment of new Ti-based biocompatible materials. Materials Chemistry and Physics, 2021, 258, 123959.	4.0	23
18	New Tiâ€”Moâ€”Si materials for bone prosthesis applications. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 113, 104198.	3.1	31

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19	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.	0.7	3
20	Effect of Ni on the Suppression of Sn Whisker Formation in Sn-0.7Cu Solder Joint. <i>Materials</i> , 2021, 14, 738.	2.9	5
21	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.	2.6	3
22	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, 776.	2.9	8
23	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , 2021, 14, 1658.	2.9	6
24	Tool Wear and Surface Evaluation in Drilling Fly Ash Geopolymer Using HSS, HSS-Co, and HSS-TiN Cutting Tools. <i>Materials</i> , 2021, 14, 1628.	2.9	16
25	Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , 2021, 14, 1866.	2.9	35
26	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, 2276.	2.9	2
27	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , 2021, 14, 2967.	2.9	47
28	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	0
29	Freeze-Thaw Effect on Road Concrete Containing Blast Furnace Slag: NMR Relaxometry Investigations. <i>Materials</i> , 2021, 14, 3288.	2.9	14
30	Assessment of the Suitability of Ceramic Waste in Geopolymer Composites: An Appraisal. <i>Materials</i> , 2021, 14, 3279.	2.9	32
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.	2.5	3
32	Sodium-Based Chitosan Polymer Embedded with Copper Selenide (CuSe) Flexible Film for High Electromagnetic Interference (EMI) Shielding Efficiency. <i>Magnetochemistry</i> , 2021, 7, 102.	2.4	4
33	Effect of Electromigration and Thermal Ageing on the Tin Whiskers™ Formation in Thin Sn-0.7Cu-0.05Ga Lead (Pb)-Free Solder Joints. <i>Coatings</i> , 2021, 11, 935.	2.6	7
34	The Effect of Polyethylene Glycol Addition on Wettability and Optical Properties of GO/TiO ₂ Thin Film. <i>Materials</i> , 2021, 14, 4564.	2.9	2
35	Influence of 1.5 wt.% Bi on the Microstructure, Hardness, and Shear Strength of Sn-0.7Cu Solder Joints after Isothermal Annealing. <i>Materials</i> , 2021, 14, 5134.	2.9	3
36	Geopolymer coating paste on concrete for photocatalytic performance. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	5

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37	Characterisation at the Bonding Zone between Fly Ash Based Geopolymer Repair Materials (GRM) and Ordinary Portland Cement Concrete (OPCC). <i>Materials</i> , 2021, 14, 56.	2.9	26
38	New Titanium Alloys, Promising Materials for Medical Devices. <i>Materials</i> , 2021, 14, 5934.	2.9	33
39	Study on the Middle Bronze Age Disc-Butted Axe Ornament from Archaeometallurgical Point of View. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9814.	2.5	3
40	Obtaining and Characterization of New Materials. <i>Materials</i> , 2021, 14, 6606.	2.9	6
41	Design, Synthesis, and Preliminary Evaluation for Ti-Mo-Zr-Ta-Si Alloys for Potential Implant Applications. <i>Materials</i> , 2021, 14, 6806.	2.9	18
42	Study of Wear and Redistribution Dynamic Forces of Wheel Pairs Restored by a Wear-Resistant Coating 15Cr17Ni12V3F. <i>Coatings</i> , 2021, 11, 1441.	2.6	3
43	Behavior of Alkali-Activated Fly Ash through Underwater Placement. <i>Materials</i> , 2021, 14, 6865.	2.9	4
44	Biomimetic Deposition of Hydroxyapatite Layer on Titanium Alloys. <i>Micromachines</i> , 2021, 12, 1447.	2.9	24
45	A State-of-the-Art Review on Innovative Geopolymer Composites Designed for Water and Wastewater Treatment. <i>Materials</i> , 2021, 14, 7456.	2.9	42
46	Assessment of the Effects of Si Addition to a New TiMoZrTa System. <i>Materials</i> , 2021, 14, 7610.	2.9	20
47	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.	5.5	4
48	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.	2.9	3
49	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, 5257.	2.9	2
50	Revealing the Influence of Microparticles on Geopolymers'™ Synthesis and Porosity. <i>Materials</i> , 2020, 13, 3211.	2.9	32
51	Influence of TiO ₂ Nanoparticles Addition on the Hydrophilicity of Cementitious Composites Surfaces. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4501.	2.5	7
52	Phosphate Surface Treatment for Improving the Corrosion Resistance of the C45 Carbon Steel Used in Carabiners Manufacturing. <i>Materials</i> , 2020, 13, 3410.	2.9	23
53	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
54	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

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55	Design of Experiment in the Milling Process of Aluminum Alloys in the Aerospace Industry. Applied Sciences (Switzerland), 2020, 10, 6951.	2.5	14
56	Authentication of a Painting by Nicolae Grigorescu Using Modern Multi-Analytical Methods. Applied Sciences (Switzerland), 2020, 10, 3558.	2.5	8
57	Effect of Solid-to-Liquid Ratio on Thin Fly Ash Geopolymer. IOP Conference Series: Materials Science and Engineering, 2020, 743, 012006.	0.6	4
58	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. Materials, 2020, 13, 1015.	2.9	42
59	Investigation into the Effect of Thermal Treatment on the Obtaining of Magnetic Phases: Fe ₅ Y, Fe ₂₃ B ₆ , Y ₂ Fe ₁₄ B and Fe within the Amorphous Matrix of Rapidly-Quenched Fe _{61+x} Co ₁₀ Al _x W ₁ Y ₈ B ₂₀ Alloys (Where x = 0, 1 or 2). Materials, 2020, 13, 835.	2.9	7
60	Authentication of an Old Violin by Multianalytical Methods. Applied Sciences (Switzerland), 2020, 10, 306.	2.5	3
61	New Ecological Solutions Involved in the Cleaning of a 19th Century Icon. Applied Sciences (Switzerland), 2020, 10, 1175.	2.5	5
62	Improvement of the Turbine Blade Surface Phase Structure Recovered by Plasma Spraying. Coatings, 2020, 10, 62.	2.6	11
63	XRD and TG-DTA Study of New Alkali Activated Materials Based on Fly Ash with Sand and Glass Powder. Materials, 2020, 13, 343.	2.9	63
64	Evaluation of the Corrosion Resistance of Phosphate Coatings Deposited on the Surface of the Carbon Steel Used for Carabiners Manufacturing. Applied Sciences (Switzerland), 2020, 10, 2753.	2.5	34
65	Strength development of solely ground granulated blast furnace slag geopolymers. Construction and Building Materials, 2020, 250, 118720.	7.2	82
66	The Magnetisation Process of Bulk Amorphous Alloys: Fe _{36+x} Co ₃₆ Al _x Y ₈ B ₂₀ , Where: x = 0, 3, 7, or 12. Materials, 2020, 13, 846.	2.9	6
67	Exploration on fly ash waste as global construction materials for dynamics marketability. AIP Conference Proceedings, 2019, , .	0.4	0
68	Shock Resistance Improvement of Carbon Steel Carabiners Used at PPE. MATEC Web of Conferences, 2019, 290, 12004.	0.2	7
69	Characterization and Mechanical Properties of New TiMo Alloys Used for Medical Applications. Materials, 2019, 12, 2973.	2.9	44
70	Characterization of the Acid-Base Character of Burned Clay Ceramics Used for Water Decontamination. Materials, 2019, 12, 3836.	2.9	3
71	Applications of Polymeric Membranes Ultrafiltration Process on the Retention of Bentonite Suspension. Materiale Plastice, 2019, 56, 97-102.	0.8	2
72	The Galvanic Corrosion Behavior of Phosphated Carbon Steel Used at Carabiners Manufacturing. Revista De Chimie (discontinued), 2019, 70, 215-219.	0.4	11

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73	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.	0.4	4
74	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.	0.4	10
75	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.	0.4	2
76	The Effect of Biochar Mixed with Compost on Heavy Metal Concentrations in a Greenhouse Experiment and on <i>Folsomia Candida</i> and <i>Eisenia Andrei</i> in Laboratory Conditions. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 809-813.	0.4	2
77	Biocompatible Titanium Alloys used in Medical Applications. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 1302-1306.	0.4	43
78	Experimental Study on the Influence of Zirconia Surface Preparation on Deposition of Hydroxyapatite. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2273-2275.	0.4	5
79	Thermal Insulation Properties of Insulated Concrete. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3027-3031.	0.4	12
80	Electrochemical Evaluation of AISI 420 Steel after Several Heat Treatments. <i>Acta Physica Polonica A</i> , 2019, 135, 115-118.	0.5	0
81	Monitoring the Particulate Matter (PM10) Emissions from Bacau City Termo-Energetic Industry. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2869-2872.	0.4	0
82	A Study of two Dimensional Metal Carbide MXene Ti3C2 Synthesis, characterization conductivity and radiation properties. <i>Materiale Plastice</i> , 2019, 56, 635-640.	0.8	2
83	Analysis of Contact Angle for Metallic Materials in Wastewater Pumps. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2811-2817.	0.4	2
84	Experimental Results Regarding the Groundwater Quality in Bacau City, Romania. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3378-3382.	0.4	1
85	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.	0.4	1
86	Experimental Application of a Laboratory SBR Plant Used for Domestic Wastewater Treatment. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 4098-4101.	0.4	1
87	Solidification Behavior of Sn Cu Based Peritectic Alloys: A Short Review. <i>Solid State Phenomena</i> , 2018, 273, 34-39.	0.3	1
88	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. <i>Advances in Cement Research</i> , 2018, 30, 66-74.	1.6	10
89	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.	0.6	3
90	Magnetic Properties of Rapid Cooled FeCoB Based Alloys Produced by Injection Molding. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 374, 012021.	0.6	0

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91	Preliminary Tests for Ti-Mo-Zr-Ta Alloys as Potential Biomaterials. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012023.	0.6	20
92	Noninvasive Evaluation of Special Alloys for Prostheses Using Complementary Methods. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012030.	0.6	7
93	The Taguchi Method Application to Improve the Quality of a Sustainable Process. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012054.	0.6	4
94	Effect of Mixing Temperature on Characteristics of Thermoplastic Potato Starch Film. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012083.	0.6	9
95	The Effect of Copper Addition on the Properties of Sn-0.7Cu Solder Paste. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012062.	0.6	1
96	Research on improving water quality using two experimental statistical methods. MATEC Web of Conferences, 2018, 178, 08014.	0.2	0
97	Assessment of Hard Thin Layers Deposited by Plasma Spray on Hydroboration. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012029.	0.6	2
98	Assessment of Hydrophobic Coating on Porous Calcareous Rocks Surface Exposed in Urban Ambient Air Pollution. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012091.	0.6	1
99	Technical Parameters Modeling of a Gas Probe Foaming Using an Active Experimental Type Research. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012034.	0.6	0
100	The Effect of Heat Treatment and Corrosion Behavior of AISI420. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012039.	0.6	2
101	Contributions concerning the possibility of implementing the APQP concept in the aerospace industry. MATEC Web of Conferences, 2018, 178, 08013.	0.2	3
102	Influence of Nanostructuring on the Sound Velocity in Aluminum Al _{99.50} . IOP Conference Series: Materials Science and Engineering, 2018, 374, 012038.	0.6	0
103	The Choice of Recycling Methods for Single-Polymer Polyester Composites. Materiale Plastice, 2018, 55, 658-665.	0.8	4
104	The Role of Saline Aerosols in the Prevention and Therapy of Cardio-respiratory and Osteo-muscular Afflictions. Revista De Chimie (discontinued), 2018, 69, 2826-2832.	0.4	2
105	A Review on Fly Ash as a Raw Cementitious Material for Geopolymer Concrete. Revista De Chimie (discontinued), 2018, 69, 1661-1667.	0.4	17
106	The Influence of the Temperature Regime on the Mechanical Properties of the Thick Steel Sheets from Carbon and Low alloy Steels, Laminated to Thicknesses More than 40 mm. Revista De Chimie (discontinued), 2018, 69, 632-635.	0.4	0
107	Application of Innovative Hydroxyapatite Materials in 3D Printing for Biocompatible Voice Implants. Revista De Chimie (discontinued), 2018, 69, 840-842.	0.4	0
108	Comparative Evaluation of the Effect of Surface Polishing of a Glaze/composite Sealant and Different Polishing Systems on Surface Roughness of Three Composite Resin Type. Materiale Plastice, 2018, 55, 434-437.	0.8	1

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109	Optimization and Numerical Analysis of Mechanical Properties of Connecting Rod in the Internal Combustion Engine. Revista De Chimie (discontinued), 2018, 69, 2813-2815.	0.4	2
110	Review on Characterization and Mechanical Performance of Self-cleaning Concrete. MATEC Web of Conferences, 2017, 97, 01022.	0.2	15
111	Properties and Behavior of Geopolymer Concrete Subjected to Explosive Air Blast Loading: A Review. MATEC Web of Conferences, 2017, 97, 01019.	0.2	14
112	XRD and FTIR study of the effect of ultra high molecular weight polyethylene (UHMWPE) as binder on kaolin geopolymer ceramics. AIP Conference Proceedings, 2017, , .	0.4	3
113	The Effect of Different Ratio Bottom Ash and Fly Ash Geopolymer Brick on Mechanical Properties for Non-loading Application. MATEC Web of Conferences, 2017, 97, 01017.	0.2	3
114	Durability of metakaolin geopolymers with various sodium silicate/sodium hydroxide ratios against seawater exposure. AIP Conference Proceedings, 2017, , .	0.4	6
115	Zirconia Dental Implant Materials. Materials Science Forum, 2017, 907, 99-103.	0.3	0
116	The reactivity of Ti10Zr alloy in biological and electrochemical systems in the presence of chitosan. RSC Advances, 2017, 7, 13919-13927.	3.6	4
117	Microstructural and phase analysis of Sn-Cu-Ni-XSiC composite solder. AIP Conference Proceedings, 2017, , .	0.4	1
118	Microstructure and mechanical properties of lead-free Sn-Cu-Ni composite solder paste reinforced with silicon (Si) particles. AIP Conference Proceedings, 2017, , .	0.4	2
119	Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012038.	0.6	24
120	Behavior of Al-Mg alloy subjected to thermal processing. AIP Conference Proceedings, 2017, , .	0.4	0
121	Thermal Processing of a Titanium Alloy for Aeronautical Applications. Materials Science Forum, 2017, 907, 214-219.	0.3	2
122	Approaching on Colorimetric Change of Porous Calcareous Rocks Exposed in Urban Environmental Conditions from Iasi " Romania. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012080.	0.6	3
123	Obtaining and Mechanical Properties of Ti-Mo-Zr-Ta Alloys. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012019.	0.6	7
124	SEM Evaluation of Surrounding Enamel after Finishing of Composite Restorations" Preliminary Results. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012079.	0.6	1
125	Corrosion Evaluation of Some Phosphated Thin Layers on Reinforcing Steel. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012025.	0.6	1
126	International Conference on Innovative Research - ICIR Euroinvent 2017. IOP Conference Series: Materials Science and Engineering, 2017, 209, 011001.	0.6	1

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127	Use of Incineration Solid Waste Bottom Ash as Cement Mixture in Cement Production. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012082.	0.6	2
128	Study on Fired Clay Bricks by Replacing Clay with Palm Oil Waste: Effects on Physical and Mechanical Properties. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012037.	0.6	4
129	Fabrication of Porous Ceramic-Geopolymer Based Material to Improve Water Absorption and Retention in Construction Materials: A Review. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012004.	0.6	3
130	The Structure and Properties of Rapid Cooled Iron Based Alloy. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012023.	0.6	0
131	Structural Modifications of Superficial Layer of C45 Steel Samples Through WT20 and WZr8 Depositions. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012053.	0.6	0
132	Effect of Finishing Techniques on the Junction Between the Composite Restoration and the Dental Enamel. Materiale Plastice, 2017, 54, 375-379.	0.8	3
133	Structure and Magnetic Properties of Composite Toroids Powder Casted. Materiale Plastice, 2017, 54, 491-494.	0.8	3
134	Flexural Strength of Single Polymer Polyester Composites as a Measure of Material Degradation. Materiale Plastice, 2017, 54, 539-542.	0.8	3
135	Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites. Materiale Plastice, 2017, 54, 543-545.	0.8	8
136	Evaluation of Adhesive Capacity of Universal Bonding Agents Used in Direct Composite Resins Repair. Materiale Plastice, 2017, 54, 574-577.	0.8	2
137	Structural Changes in the Superficial Layers of a Non-conventional Treated Steel Subjected to a Wear Process. Revista De Chimie (discontinued), 2017, 68, 2329-2333.	0.4	1
138	Mechanism of Cement Paste with Different Particle Sizes of Bottom Ash as Partial Replacement in Portland Cement. Revista De Chimie (discontinued), 2017, 68, 2367-2372.	0.4	7
139	Study on the Influence of the Treatment in Magnetic Field on the Nitrided Layer in Plasma. Revista De Chimie (discontinued), 2017, 68, 675-679.	0.4	1
140	Photophysical and Photochemical Properties of Polyurethane Coumarin Studied by Means of Electronic Spectra. Revista De Chimie (discontinued), 2017, 68, 1568-1572.	0.4	1
141	Treatment of Lead Contaminated Soil using Solidification/Stabilization Method Incorporated with Sugarcane Bagasse. Revista De Chimie (discontinued), 2017, 68, 1908-1913.	0.4	1
142	Influence of Foaming Agent/Water Ratio and Foam/Geopolymer Paste Ratio to the Properties of Fly Ash-based Lightweight Geopolymer for Brick Application. Revista De Chimie (discontinued), 2017, 68, 1978-1982.	0.4	10
143	Effect of Climate Change on Pedological Modifications and Soil Aridity Process in Vineyards. Revista De Chimie (discontinued), 2017, 68, 2662-2671.	0.4	0
144	Behavior of CuPb12Sn6 Alloys subjected to Heat Treatments. MATEC Web of Conferences, 2016, 78, 01082.	0.2	0

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145	International Conference on Innovative Research - ICIR Euroinvent 2016. IOP Conference Series: Materials Science and Engineering, 2016, 133, 011001.	0.6	2
146	Effect of Ta on the electrochemical behavior of new TiMoZrTa alloys in artificial physiological solution simulating in vitro inflammatory conditions. Materials and Corrosion - Werkstoffe Und Korrosion, 2016, 67, 1314-1320.	1.5	26
147	Colour change evaluation on UV radiation exposure for PÄfun-Repedeacalcareous geomaterial. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012061.	0.6	2
148	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012004.	0.6	14
149	Self-cleaning geopolymer concrete - A review. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012026.	0.6	21
150	Self-Cleaning Technology in Fabric: A Review. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012028.	0.6	36
151	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. MATEC Web of Conferences, 2016, 78, 01063.	0.2	25
152	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) Tj ETQq0,0,0 rgBT ₅ Overlock	0.6	0
153	Structural Analysis of CoCrMoSi ₆ Alloy Used in Medical Applications. Key Engineering Materials, 2016, 700, 86-92.	0.4	1
154	Microstructural analysis of biodegradable Mg-0.9Ca-1.2Zr alloy. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012033.	0.6	12
155	Study on structure and properties of CuZn ₄₀ Pb alloy. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012015.	0.6	3
156	Properties and Microstructural Characteristic of Kaolin Geopolymer Ceramics with Addition of Ultra High Molecular Weight Polyethylene. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012023.	0.6	2
157	Optical Data Support on Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. Materials Science Forum, 2016, 857, 431-436.	0.3	0
158	SEM, XPS Studies, and Magnetoresistance Properties of Co, Ni, Coâ€“N, and Niâ€“N Thin Films Prepared by Electrodeposition. Journal of Superconductivity and Novel Magnetism, 2016, 29, 469-475.	1.8	10
159	A Review â€“ Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. Key Engineering Materials, 2015, 660, 249-253.	0.4	2
160	Study Regarding the Influence of Different Antiseptic Mouthwashes on Surface Roughness of Traditional Glass Ionomer Cements. Key Engineering Materials, 2015, 660, 165-169.	0.4	0
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