Khamirul Amin Matori

List of Publications by Year
in descending order

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149 papers	3,650 citations	136740 32 h-index	197535 49 g-index
150 all docs	150 docs citations	150 times ranked	2969 citing authors

#	Article	IF	Citations
1	The characteristics on structural and optical of Co3O4 incorporated Zn2SiO4 for phosphor approaches. Journal of Molecular Structure, 2022, 1248, 131474.	1.8	3
2	Synthesis of Eu3+-Doped ZnO/Zn2SiO4 Composite Phosphor for Potent Optoelectronic Applications. Brazilian Journal of Physics, 2022, 52, 1.	0.7	2
3	Effect of calcium oxide in the zinc-boro-soda-lime-silica glass matrix by using eggshell waste as calcium source. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	1.1	6
4	Frontiers in Organic Corrosion Inhibitors for Chloride and Acidic Media: A Review. Journal of Bio- and Tribo-Corrosion, 2022, 8, 1.	1.2	5
5	Sinterâ€Crystallization and Optical Characterization of Dy ³⁺ : ZnOâ€B ₂ O ₃ â€RHA Glassâ€Ceramics. Macromolecular Symposia, 2022, 401, 2100316.	0.4	1
6	Oxide ion polarizabilities and gamma radiation shielding features of TeO2â€“B2O3â€“SiO2 glasses containing Bi2O3 using Phy-X/PSD software. Materials Today Communications, 2022, 31, 103472.	0.9	28
7	Bismuth modified gamma radiation shielding properties of titanium vanadium sodium tellurite glasses as a potent transparent radiation-resistant glass applications. Nuclear Engineering and Technology, 2021, 53, 1323-1330.	1.1	21
8	Comparison of Foam Glass-Ceramics with Different Composition Derived from Ark Clamshell (ACS) and Soda Lime Silica (SLS) Glass Bottles Sintered at Various Temperatures. Materials, 2021, 14, 570.	1.3	7
9	Influence of Calcination Temperature on Crystal Growth and Optical Characteristics of Eu3+ Doped ZnO/Zn2SiO4 Composites Fabricated via Simple Thermal Treatment Method. Crystals, 2021, 11, 115.	1.0	11
10	Incorporation of Hydroxyapatite into Glass Ionomer Cement (GIC) Formulated Based on Alumino-Silicate-Fluoride Glass Ceramics from Waste Materials. Materials, 2021, 14, 954.	1.3	4
11	Sustainable Production of Arecanut Husk Ash as Potential Silica Replacement for Synthesis of Silicate-Based Glass-Ceramics Materials. Materials, 2021, 14, 1141.	1.3	4
12	Synthesis and Characterization of ZnO-SiO2 Composite Using Oil Palm Empty Fruit Bunch as a Potential Silica Source. Molecules, 2021, 26, 1061.	1.7	8
13	Polymer Thermal Treatment Production of Cerium Doped Willemite Nanoparticles: An Analysis of Structure, Energy Band Gap and Luminescence Properties. Materials, 2021, 14, 1118.	1.3	7
14	Developed selenium dioxide-based ceramics for advanced shielding applications: Au2O3 impact on nuclear radiation attenuation. Results in Physics, 2021, 24, 104099.	2.0	9
15	Evaluation of the color stability of temporary materials produced with CAD/CAM. Dental and Medical Problems, 2021, 58, 187-191.	0.7	14
16	Anticorrosive and Microbial Inhibition Performance of a Coating Loaded with Andrographis paniculata on Stainless Steel in Seawater. Molecules, 2021, 26, 3379.	1.7	11
17	Tuning the optical bandgap of multi-walled carbon nanotube-modified zinc silicate glass-ceramic composites. Ceramics International, 2021, 47, 20108-20116.	2.3	7
18	Effect of Ag2O substituted in bioactive glasses: a synergistic relationship between antibacterial zone and radiation attenuation properties. Journal of Materials Research and Technology, 2021, 13, 2194-2201.	2.6	11

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19	Cadmium oxide reinforced 46V2O5â€“46P2O5â€“(8â^'x)B2O3â€“xCdO semiconducting oxide glasses and resistance behaviors against ionizing gamma rays. Journal of Materials Research and Technology, 2021, 13, 2336-2349.	2.6	18
20	Simple thermal treatment approach for the synthesis of Î±-Zn2SiO4 nanoparticles. Optics and Laser Technology, 2021, 140, 106991.	2.2	15
21	Influence of ZnO to the physical, elastic and gamma radiation shielding properties of the tellurite glass system using MCNP-5 simulation code. Radiation Physics and Chemistry, 2021, 188, 109665.	1.4	16
22	Velocity and attenuation of ultrasonic wave in Alâ€“Al2O3 nanocomposite and their correlation to microstructural evolution during synthesizing procedure. Journal of Materials Research and Technology, 2021, 15, 2529-2542.	2.6	6
23	Synthesis, mechanical characterization and photon radiation shielding properties of ZnOâ€“Al2O3â€“Bi2O3â€“B2O3 glass system. Optical Materials, 2021, 122, 111640.	1.7	5
24	Effect of coating on the color and surface hardness of the surface of dental ceramics. Dental Research Journal, 2021, 18, 18.	0.2	0
25	Structural, Electromagnetic and Microwave Properties of Magnetite Extracted from Mill Scale Waste via Conventional Ball Milling and Mechanical Alloying Techniques. Materials, 2021, 14, 7075.	1.3	8
26	Addition of ZnO nanoparticles on waste rice husk as potential host material for red-emitting phosphor. Materials Science in Semiconductor Processing, 2020, 106, 104774.	1.9	12
27	The influence of heavy elements on the ionizing radiation shielding efficiency and elastic properties of some tellurite glasses: Theoretical investigation. Results in Physics, 2020, 19, 103496.	2.0	50
28	Multi-objective optimization strategies for radiation shielding performance of BZBB glasses using Bi2O3: A FLUKA Monte Carlo code calculations. Journal of Materials Research and Technology, 2020, 9, 12335-12345.	2.6	53
29	Artificial neural network prediction on ultrasonic performance of bismuth-tellurite glass compositions. Journal of Materials Research and Technology, 2020, 9, 14082-14092.	2.6	16
30	Promising applicable heterometallic Al2O3/PbO2 nanoparticles in shielding properties. Journal of Materials Research and Technology, 2020, 9, 13956-13962.	2.6	18
31	Processâ^'microstructureâ^'properties relationship in Alâ^'CNTsâ^'Al2O3 nanocomposites manufactured by hybrid powder metallurgy and microwave sintering process. Transactions of Nonferrous Metals Society of China, 2020, 30, 2339-2354.	1.7	18
32	Synthesis and characterization of samarium doped calcium sodaâ€“limeâ€“silicate glass derived wollastonite glassâ€“ceramics. Journal of Materials Research and Technology, 2020, 9, 13153-13160.	2.6	18
33	Effect of ZnO on the phase transformation and optical properties of silicate glass frits using rice husk ash as a SiO2 source. Journal of Materials Research and Technology, 2020, 9, 11013-11021.	2.6	31
34	A Study on the Utilization of Coal Fly Ash Derived Grog in Clay Ceramics. Materials, 2020, 13, 5218.	1.3	6
35	Phase Transformation, Optical and Emission Performance of Zinc Silicate Glass-Ceramics Phosphor Derived from the ZnOâ€“B2O3â€“SLS Glass System. Applied Sciences (Switzerland), 2020, 10, 4940.	1.3	18
36	A Study on Optical Properties of Zinc Silicate Glass-Ceramics as a Host for Green Phosphor. Applied Sciences (Switzerland), 2020, 10, 4938.	1.3	12

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37	Reuse of Eggshell Waste and Recycled Glass in the Fabrication Porous Glassâ€“Ceramics. Applied Sciences (Switzerland), 2020, 10, 5404.	1.3	12
38	Effects of Sintering Temperature Variation on Synthesis of Glass-Ceramic Phosphor Using Rice Husk Ash as Silica Source. Materials, 2020, 13, 5413.	1.3	11
39	Characterization of High-Temperature Hierarchical Porous Mullite Washcoat Synthesized Using Aluminum Dross and Coal Fly Ash. Crystals, 2020, 10, 178.	1.0	8
40	Effect of sintering temperature on the crystal growth, microstructure and mechanical strength of foam glass-ceramic from waste materials. Journal of Materials Research and Technology, 2020, 9, 5640-5647.	2.6	45
41	A Study of Fluoride-Containing Bioglass System for Dental Materials Derived from Clam Shell and Soda Lime Silica Glass. Journal of Spectroscopy, 2020, 2020, 1-9.	0.6	2
42	The Physical and Optical Studies of Crystalline Silica Derived from the Green Synthesis of Coconut Husk Ash. Applied Sciences (Switzerland), 2020, 10, 2128.	1.3	20
43	Biodegradable Poly (lactic acid)/Poly (ethylene glycol) Reinforced Multi-Walled Carbon Nanotube Nanocomposite Fabrication, Characterization, Properties, and Applications. Polymers, 2020, 12, 427.	2.0	38
44	The effect of boron substitution on the glass-forming ability, phase transformation and optical performance of zinc-boro-soda-lime-silicate glasses. Journal of Materials Research and Technology, 2020, 9, 6987-6993.	2.6	16
45	Effect of Temperature on Morphology, Phase Transformations and Thermal Expansions of Coal Fly Ash Cenospheres. Crystals, 2020, 10, 481.	1.0	9
46	Sintering Temperature Effect on Structural and Optical Properties of Heat Treated Coconut Husk Ash Derived SiO2 Mixed with ZnO Nanoparticles. Materials, 2020, 13, 2555.	1.3	14
47	Soda lime silicate glass and clam Shell act as precursor in synthesize calcium fluoroaluminosilicate glass to fabricate glass ionomer cement with different ageing time. Journal of Materials Research and Technology, 2020, 9, 6125-6134.	2.6	16
48	A Study on Microwave Absorption Properties of Carbon Black and Ni0.6Zn0.4Fe2O4 Nanocomposites by Tuning the Matching-Absorbing Layer Structures. Scientific Reports, 2020, 10, 3135.	1.6	64
49	The Effect of the Addition of CNTs on the Microstructure, Densification and Mechanical Behavior in Al-CNT-Al2O3 Hybrid Nanocomposites. Jom, 2020, 72, 2283-2294.	0.9	11
50	Optical studies of crystalline ZnOâ€“SiO‹sub›2‹/sub› developed from pyrolysis of coconut husk. Materials Research Express, 2020, 7, 055901.	0.8	9
51	Effect of sintering temperatures on structural and optical properties of ZnO-Zn2SiO4 composite prepared by using amorphous SiO2 nanoparticles. Journal of the Australian Ceramic Society, 2019, 55, 115-122.	1.1	15
52	Exploring Eu3+-doped ZnO-SiO2 glass derived by recycling renewable source of waste rice husk for white-LEDs application. Results in Physics, 2019, 15, 102596.	2.0	20
53	Modified cenospheres as non-sacrificial pore-forming agent for porous mullite ceramics. Ceramics International, 2019, 45, 21827-21834.	2.3	23
54	Analysis of thermal and electrical conductivity properties of Al substitution LiHf2(PO4)3 chemical solid electrolyte. SN Applied Sciences, 2019, 1, 1.	1.5	1

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55	Effect of heat treatment temperature to the crystal growth and optical performance of Mn3O4 doped Î±-Zn2SiO4 based glass-ceramics. Results in Physics, 2019, 15, 102569.	2.0	10
56	Optical band gap and photoluminescence studies of Eu3+-doped zinc silicate derived from waste rice husks. Optik, 2019, 182, 486-495.	1.4	37
57	Small Angle Neutron Scattering Study of a Gehlenite-Based Ceramic Fabricated from Industrial Waste. Solid State Phenomena, 2019, 290, 22-28.	0.3	1
58	Chemically Reduced Graphene Oxide-Reinforced Poly(Lactic Acid)/Poly(Ethylene Glycol) Nanocomposites: Preparation, Characterization, and Applications in Electromagnetic Interference Shielding. Polymers, 2019, 11, 661.	2.0	25
59	Chemical synthesis and characterization of metal-oxide based electrocatalysts for fuel cell reactions. AIP Conference Proceedings, 2019, , .	0.3	1
60	Synthesis of cobalt oxide Co3O4 doped zinc silicate based glass-ceramic derived for LED applications. Optik, 2019, 179, 919-926.	1.4	17
61	Enhanced green photoluminescence of erbium doped Zn2SiO4 glass-ceramics as phosphor in optoelectronic devices. Journal of Alloys and Compounds, 2019, 783, 441-447.	2.8	10
62	Crystallization behavior of low-cost biphasic hydroxyapatite/Î²-tricalcium phosphate ceramic at high sintering temperatures derived from high potential calcium waste sources. Results in Physics, 2019, 12, 638-644.	2.0	34
63	Fabrication of Alumino-Silicate-Fluoride based bioglass derived from waste clam shell and soda lime silica glasses. Results in Physics, 2019, 12, 743-747.	2.0	14
64	Effects of polyvinylpyrrolidone on structural and optical properties of willemite semiconductor nanoparticles by polymer thermal treatment method. Journal of Thermal Analysis and Calorimetry, 2019, 136, 2249-2268.	2.0	46
65	Mineralogy and thermal expansion study of mullite-based ceramics synthesized from coal fly ash and aluminum dross industrial wastes. Ceramics International, 2019, 45, 7488-7494.	2.3	45
66	Effects of different sintering temperatures on thermal, physical, and morphological of SiO2-Na2O-CaO-P2O5 based glass-ceramic system from vitreous and ceramic wastes. Science of Sintering, 2019, 51, 377-387.	0.5	2
67	Synthesis and characterization of binary (CuO)0.6(CeO2)0.4 nanoparticles via a simple heat treatment method. Results in Physics, 2018, 9, 471-478.	2.0	26
68	Photon parameters for gamma-rays sensing properties of some oxide of lanthanides. Results in Physics, 2018, 9, 206-210.	2.0	98
69	Comprehensive study on estimation of gamma-ray exposure buildup factors for smart polymers as a potent application in nuclear industries. Results in Physics, 2018, 9, 585-592.	2.0	36
70	Comparison of Monte Carlo simulation of gamma ray attenuation coefficients of amino acids with XCOM program and experimental data. Results in Physics, 2018, 9, 6-11.	2.0	89
71	Structural, electrical conductivity and dielectric relaxation behavior of LiHf2(PO4)3 ceramic powders. Journal of the Australian Ceramic Society, 2018, 54, 307-316.	1.1	18
72	Copper oxide nanoparticles synthesized by a heat treatment approach with structural, morphological and optical characteristics. Journal of Materials Science: Materials in Electronics, 2018, 29, 1025-1033.	1.1	22

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73	Effect of Ratio in Ammonium Nitrate on the Structural, Microstructural, Magnetic, and AC Conductivity Properties of BaFe12O19. Materials, 2018, 11, 2190.	1.3	10
74	Comprehensive study on structural and optical properties of Tm2O3 doped zinc silicate based glassâ€“ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19861-19866.	1.1	18
75	Controlling the Properties of OPEFB/PLA Polymer Composite by Using Fe2O3 for Microwave Applications. Fibers and Polymers, 2018, 19, 1513-1521.	1.1	14
76	Microwave absorption properties of single- and double-layer coatings based on strontium hexaferrite and graphite nanocomposite. Journal of Materials Science: Materials in Electronics, 2018, 29, 14031-14045.	1.1	22
77	Fabrication, Characterization, and Functionalization of Single-Walled Carbon Nanotube Conjugated with Tamoxifen and Its Anticancer Potential against Human Breast Cancer Cells. Journal of Nanomaterials, 2018, 2018, 1-13.	1.5	9
78	Effects of Calcination Holding Time on Properties of Wide Band Gap Willemite Semiconductor Nanoparticles by the Polymer Thermal Treatment Method. Molecules, 2018, 23, 873.	1.7	34
79	Optical properties of zinc lead tellurite glasses. Results in Physics, 2018, 9, 1371-1376.	2.0	91
80	Synthesis and structural properties of coconut husk as potential silica source. Results in Physics, 2018, 11, 1-4.	2.0	87
81	Effects of crystalline phase formation of multiferroic BiFeO3 on microwave absorption characteristics. Journal of Materials Science: Materials in Electronics, 2018, 29, 13229-13240.	1.1	11
82	Europium doped low cost Zn2SiO4 based glass ceramics: A study on fabrication, structural, energy band gap and luminescence properties. Materials Science in Semiconductor Processing, 2017, 61, 27-34.	1.9	26
83	Comprehensive study on effect of sintering temperature on the physical, structural and optical properties of Er3+ doped ZnO-GSLS glasses. Results in Physics, 2017, 7, 2224-2231.	2.0	12
84	Enhanced luminescence properties of low-cost Mn2+ doped willemite based glassâ€“ceramics as potential green phosphor materials. Journal of Materials Science: Materials in Electronics, 2017, 28, 12282-12289.	1.1	8
85	Comprehensive study on physical, elastic and shielding properties of ternary BaO-Bi 2 O 3 -P 2 O 5 glasses as a potent radiation shielding material. Journal of Non-Crystalline Solids, 2017, 468, 92-99.	1.5	97
86	Influence of Pr doping on the thermal, structural and optical properties of novel SLS-ZnO glasses for red phosphor. Results in Physics, 2017, 7, 1202-1206.	2.0	13
87	Comprehensive study on physical, elastic and shielding properties of lead zinc phosphate glasses. Journal of Non-Crystalline Solids, 2017, 457, 97-103.	1.5	118
88	Densification rate and interfacial adhesion of bilayer cemented tungsten carbide and steel. International Journal of Materials Research, 2017, 108, 1090-1098.	0.1	6
89	Effects of cobalt doping on structural, morphological, and optical properties of Zn2SiO4 nanophosphors prepared by sol-gel method. Results in Physics, 2017, 7, 3820-3825.	2.0	30
90	Fabrication and characterization of glass and glass-ceramic from rice husk ash as a potent material for opto-electronic applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 17611-17621.	1.1	21

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91	A comprehensive study of the energy absorption and exposure buildup factors of different bricks for gamma-rays shielding. Results in Physics, 2017, 7, 2528-2533.	2.0	79
92	Dielectric properties of ceramic materials obtained from rice husk for electronic applications. , 2017, , .		2
93	Structural and Optical Properties of Ag Nanoparticles Synthesized by Thermal Treatment Method. Materials, 2017, 10, 402.	1.3	121
94	Multi-Objective Optimization of Friction Stir Welding Process Parameters of AA6061-T6 and AA7075-T6 Using a Biogeography Based Optimization Algorithm. Materials, 2017, 10, 533.	1.3	26
95	Effect of Milling Time on the Microstructure, Physical and Mechanical Properties of Al-Al2O3 Nanocomposite Synthesized by Ball Milling and Powder Metallurgy. Materials, 2017, 10, 1232.	1.3	101
96	Effect of the Welding Speed on the Macrostructure, Microstructure and Mechanical Properties of AA6061-T6 Friction Stir Butt Welds. Metals, 2017, 7, 48.	1.0	17
97	The Effect of Commercial Rice Husk Ash Additives on the Porosity, Mechanical Properties, and Microstructure of Alumina Ceramics. Advances in Materials Science and Engineering, 2017, 2017, 1-10.	1.0	13
98	A Comprehensive Study on Gamma Rays and Fast Neutron Sensing Properties of GAGOC and CMO Scintillators for Shielding Radiation Applications. Journal of Spectroscopy, 2017, 2017, 1-9.	0.6	11
99	Comprehensive Study on Elastic Moduli Prediction and Correlation of Glass and Glass Ceramic Derived from Waste Rice Husk. Advances in Materials Science and Engineering, 2017, 2017, 1-10.	1.0	3
100	Influence of Poly(vinylpyrrolidone) concentration on properties of silver nanoparticles manufactured by modified thermal treatment method. PLoS ONE, 2017, 12, e0186094.	1.1	46
101	Preparation and characterization of porous alumina ceramics using different pore agents. Journal of the Ceramic Society of Japan, 2017, 125, 402-412.	0.5	21
102	Effect of sintering on crystallization and structural properties of soda lime silica glass. Science of Sintering, 2017, 49, 409-417.	0.5	7
103	Fabrication and Crystallization of ZnO-SLS Glass Derived Willemite Glass-Ceramics as a Potential Material for Optics Applications. Journal of Spectroscopy, 2016, 2016, 1-7.	0.6	32
104	Nanomechanical Behavior of Multi-Walled Carbon Nanotubes Particulate Reinforced Aluminum Nanocomposites Prepared by Ball Milling. Materials, 2016, 9, 140.	1.3	24
105	Effect of post weld heat treatment on microstructure and mechanical properties of gas tungsten arc welded AA6061-T6 alloy. Transactions of Nonferrous Metals Society of China, 2016, 26, 3102-3114.	1.7	39
106	Development and Characterization Studies of Eu3+-doped Zn2SiO4 Phosphors with Waste Silicate Sources. Procedia Chemistry, 2016, 19, 21-29.	0.7	25
107	Optical and Structural Properties of Zn2SiO4:Mn2+ from SLS Waste Bottle Obtained by a Solid State Method. Procedia Chemistry, 2016, 19, 57-67.	0.7	5
108	Structural and optical properties of Eu3+ activated low cost zinc soda lime silica glasses. Results in Physics, 2016, 6, 640-644.	2.0	34

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109	Effect of PbO on the elastic behavior of ZnOâ€“P 2 O 5 glass systems. Results in Physics, 2016, 6, 449-455.	2.0	22
110	Comprehensive study on compositional dependence of optical band gap in zinc soda lime silica glass system for optoelectronic applications. Journal of Non-Crystalline Solids, 2016, 449, 107-112.	1.5	46
111	The usability of ark clam shell (Anadara granosa) as calcium precursor to produce hydroxyapatite nanoparticle via wet chemical precipitate method in various sintering temperature. SpringerPlus, 2016, 5, 1206.	1.2	46
112	Sintering behavior, ac conductivity and dielectric relaxation of Li 1.3 Ti 1.7 Al 0.3 (PO 4) 3 NASICON compound. Results in Physics, 2016, 6, 719-725.	2.0	51
113	Low cost phosphors: Structural and photoluminescence properties of Mn2+-doped willemite glass-ceramics. Optik, 2016, 127, 8076-8081.	1.4	13
114	Synthesis and characterization of low cost willemite based glassâ€“ceramic for opto-electronic applications. Journal of Materials Science: Materials in Electronics, 2016, 27, 11158-11167.	1.1	32
115	Effect of Hydroxyapatite Reinforced with 45S5 Glass on Physical, Structural and Mechanical Properties. Procedia Chemistry, 2016, 19, 30-37.	0.7	16
116	Photoluminescence properties of Eu3+-doped low cost zinc silicate based glass ceramics. Optik, 2016, 127, 3727-3729.	1.4	21
117	Manganese modified structural and optical properties of zinc soda lime silica glasses. Applied Optics, 2016, 55, 2182.	2.1	13
118	Synthesis and optical properties of europium doped zinc silicate prepared using low cost solid state reaction method. Journal of Materials Science: Materials in Electronics, 2016, 27, 1092-1099.	1.1	28
119	Optical Properties of Erbium Zinc Tellurite Glass System. Advances in Materials Science and Engineering, 2015, 2015, 1-5.	1.0	9
120	Studying the Effect of ZnO on Physical and Elastic Properties of (ZnO)_x(P₂O₅)_{1â^'x}Glasses Using Nondestructive Ultrasonic Method. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.0	18
121	On the correlation between microstructural evolution and ultrasonic properties: a review. Journal of Materials Science, 2015, 50, 2643-2665.	1.7	67
122	An elucidating study on physical and structural properties of 45S5 glass at different sintering temperatures. Journal of Non-Crystalline Solids, 2015, 412, 24-29.	1.5	16
123	Pâ€“E hysteresis loop evaluation and dielectric studies of ceramic obtained from white rice husk ash for electronic applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 6157-6162.	1.1	3
124	Corrosion behavior of Al6061 alloy weldment produced by friction stir welding process. Journal of Materials Research and Technology, 2015, 4, 314-322.	2.6	64
125	Investigation on structural and optical properties of SLSâ€“ZnO glasses prepared using a conventional melt quenching technique. Journal of Materials Science: Materials in Electronics, 2015, 26, 3722-3729.	1.1	35
126	Effects of CNTs content and milling time on mechanical behavior of MWCNT-reinforced aluminum nanocomposites. Materials Chemistry and Physics, 2015, 166, 160-166.	2.0	56

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127	Characterization of Aging Behavior of AA6061 Aluminum Alloy Through Destructive and Ultrasonic Non-destructive Testing Techniques. Transactions of the Indian Institute of Metals, 2015, 68, 561-569.	0.7	4
128	Optimization Parameters of Friction Stir Lap Welding of Aluminum Alloy AA6061-T6. Journal of Applied Sciences, 2015, 15, 465-473.	0.1	1
129	Corrosion behavior of friction stir welded lap joints of AA6061-T6 aluminum alloy. Materials Research, 2014, 17, 672-681.	0.6	29
130	Artificial Neural Network Modelling of Photodegradation in Suspension of Manganese Doped Zinc Oxide Nanoparticles under Visible-Light Irradiation. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	10
131	Effect of Sintering Temperature on Structural and Morphological Properties of Europium (III) Oxide Doped Willemite. Journal of Spectroscopy, 2014, 2014, 1-8.	0.6	34
132	Investigation of the nugget zone corrosion behavior in friction stir welded lap joints of 6061-T6 aluminum alloy. Materials Research, 2014, 17, 1563-1574.	0.6	7
133	Recording-media-related morphology and magnetic properties of crystalline CoPt3 and CoPt3-Au core-shell nanoparticles synthesized via reverse microemulsion. Journal of Applied Physics, 2014, 116, 093907.	1.1	4
134	Influence of rotational speed on mechanical properties of friction stir lap welded 6061-T6 Al alloy. Transactions of Nonferrous Metals Society of China, 2014, 24, 1004-1011.	1.7	22
135	Electrical evaluation of ceramic obtained from white rice husk ash and soda lime silica glass for electronic applications. Journal of Materials Science: Materials in Electronics, 2014, 25, 5491-5495.	1.1	5
136	Occurrence of Pattern Formation of Microstructural, Physical and Mechanical Properties of Sintered PM Steels Containing Pre-Alloyed Astaloy E Powder. Transactions of the Indian Institute of Metals, 2014, 67, 881-888.	0.7	2
137	Effect of soda-lime-silica glass addition on the physical properties of ceramic obtained from white rice husk ash. Journal of the Ceramic Society of Japan, 2014, 122, 161-165.	0.5	7
138	Artificial neural network modeling of p-cresol photodegradation. Chemistry Central Journal, 2013, 7, 96.	2.6	19
139	Study of the elastic properties of (PbO)x(P2O5)1â"x lead phosphate glass using an ultrasonic technique. Journal of Non-Crystalline Solids, 2013, 361, 78-81.	1.5	34
140	Optimizing Bi2O3 and TiO2to achieve the maximum non-linear electrical property of ZnO low voltage varistor. Chemistry Central Journal, 2013, 7, 137.	2.6	8
141	The Effect of Remelting on the Physical Properties of Borotellurite Glass Doped with Manganese. International Journal of Molecular Sciences, 2013, 14, 1022-1030.	1.8	35
142	Effect of ZnO on the Physical Properties and Optical Band Gap of Soda Lime Silicate Glass. International Journal of Molecular Sciences, 2012, 13, 7550-7558.	1.8	98
143	Effect of AlF3 on the Density and Elastic Properties of Zinc Tellurite Glass Systems. Materials, 2012, 5, 1361-1372.	1.3	16
144	Phase Transformations of Î±-Alumina Made from Waste Aluminum via a Precipitation Technique. International Journal of Molecular Sciences, 2012, 13, 16812-16821.	1.8	79

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145	Interactions between photodegradation components. Chemistry Central Journal, 2012, 6, 100.	2.6	16
146	Dependence of magnetic properties and microstructure of mechanically alloyed Ni0.5Zn0.5Fe2O4 on soaking time. Journal of Magnetism and Magnetic Materials, 2012, 324, 2463-2470.	1.0	14
147	The Transition from Paramagnetic to Ferromagnetic States as Influenced by Evolving Microstructure of Ni0.5Zn0.5Fe2O4. Journal of Superconductivity and Novel Magnetism, 2012, 25, 71-77.	0.8	14
148	Milling time and BPR dependence on permeability and losses of Ni0.5Zn0.5Fe2O4 synthesized via mechanical alloying process. Journal of Magnetism and Magnetic Materials, 2011, 323, 1470-1476.	1.0	25
149	Influence of sintering temperature on the structural, magnetic and dielectric properties of Ni0.8Zn0.2Fe2O4 synthesized by co-precipitation route. Journal of Alloys and Compounds, 2010, 503, 111-117.	2.8	34