

Mohd Hafiz Mohd Zaid

List of Publications by Year in descending order

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136
papers

3,211
citations

147566

31
h-index

205818

48
g-index

136
all docs

136
docs citations

136
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	The characteristics on structural and optical of Co ₃ O ₄ incorporated Zn ₂ SiO ₄ for phosphor approaches. <i>Journal of Molecular Structure</i> , 2022, 1248, 131474.	1.8	3
2	Physical and spectroscopic characteristics of lithium-aluminium-borate glass: Effects of varying Nd ₂ O ₃ doping contents. <i>Journal of Non-Crystalline Solids</i> , 2022, 575, 121214.	1.5	26
3	Synthesis of Eu ³⁺ -Doped ZnO/Zn ₂ SiO ₄ Composite Phosphor for Potent Optoelectronic Applications. <i>Brazilian Journal of Physics</i> , 2022, 52, 1.	0.7	2
4	Influence of Sintering Duration on Crystal Phase and Optical Band Gap of Mn ³⁺ -Doped Willemite-Based Glass-Ceramics. <i>Journal of Electronic Materials</i> , 2022, 51, 1163-1168.	1.0	4
5	Comprehensive study on optical and luminescence properties of Sm ³⁺ doped magnesium borotellurite glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110563.	1.9	8
6	Development of Novel Transparent Radiation Shielding Glasses by BaO Doping in Waste Soda Lime Silica (SLS) Glass. <i>Sustainability</i> , 2022, 14, 937.	1.6	12
7	Effect of calcium oxide in the zinc-boro-soda-lime-silica glass matrix by using eggshell waste as calcium source. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	6
8	Frontiers in Organic Corrosion Inhibitors for Chloride and Acidic Media: A Review. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	1.2	5
9	The Effect of WO ₃ -Doped Soda Lime Silica SLS Waste Glass to Develop Lead-Free Glass as a Shielding Material against Radiation. <i>Sustainability</i> , 2022, 14, 2413.	1.6	8
10	Sintering-Crystallization and Optical Characterization of Dy ³⁺ : ZnO-B ₂ O ₃ -RHA Glass-Ceramics. <i>Macromolecular Symposia</i> , 2022, 401, 2100316.	0.4	1
11	Effects of mixed TeO ₂ -B ₂ O ₃ glass formers on optical and radiation shielding properties of 70[xTeO ₂ +(1-x)B ₂ O ₃]+15Na ₂ O+15K ₂ O glass system. <i>Physica Scripta</i> , 2022, 97, 045804.	1.2	4
12	The elastic, mechanical and optical properties of bismuth modified borate glass: Experimental and artificial neural network simulation. <i>Optical Materials</i> , 2022, 126, 112170.	1.7	6
13	Effect of ark clam shell on crystal growth and mechanical evaluation of foam glass-ceramic derived from cullet glass waste. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 281, 115730.	1.7	10
14	Investigation of Optical Properties and Radioactive Attenuation Parameters of Doped Tungsten Oxide Soda Lime Silica SLS Waste Glass. <i>Journal of Materials Research and Technology</i> , 2022, , .	2.6	7
15	Enlightening the structural, elastic, and luminescence properties of transparent Zn ₂ SiO ₄ glass-ceramic by precipitation of Gd ₂ O ₃ as dopant. <i>Optical Materials</i> , 2022, 131, 112602.	1.7	2
16	Structural, elastic and mechanical analysis of samarium doped zinc-borosilicate glass. <i>Optik</i> , 2022, 267, 169658.	1.4	7
17	Bismuth modified gamma radiation shielding properties of titanium vanadium sodium tellurite glasses as a potent transparent radiation-resistant glass applications. <i>Nuclear Engineering and Technology</i> , 2021, 53, 1323-1330.	1.1	21
18	Comparison of Foam Glass-Ceramics with Different Composition Derived from Ark Clamshell (ACS) and Soda Lime Silica (SLS) Glass Bottles Sintered at Various Temperatures. <i>Materials</i> , 2021, 14, 570.	1.3	7

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19	Influence of Calcination Temperature on Crystal Growth and Optical Characteristics of Eu ³⁺ Doped ZnO/Zn ₂ SiO ₄ Composites Fabricated via Simple Thermal Treatment Method. <i>Crystals</i> , 2021, 11, 115.	1.0	11
20	Effect of bismuth and lithium substitution on radiation shielding properties of zinc borate glass system using Phy-X/PSD simulation. <i>Results in Physics</i> , 2021, 20, 103768.	2.0	21
21	Incorporation of Hydroxyapatite into Glass Ionomer Cement (GIC) Formulated Based on Alumino-Silicate-Fluoride Glass Ceramics from Waste Materials. <i>Materials</i> , 2021, 14, 954.	1.3	4
22	Sustainable Production of Arecanut Husk Ash as Potential Silica Replacement for Synthesis of Silicate-Based Glass-Ceramics Materials. <i>Materials</i> , 2021, 14, 1141.	1.3	4
23	Synthesis and Characterization of ZnO-SiO ₂ Composite Using Oil Palm Empty Fruit Bunch as a Potential Silica Source. <i>Molecules</i> , 2021, 26, 1061.	1.7	8
24	Polymer Thermal Treatment Production of Cerium Doped Willemite Nanoparticles: An Analysis of Structure, Energy Band Gap and Luminescence Properties. <i>Materials</i> , 2021, 14, 1118.	1.3	7
25	Synergistic Effects of Pr ₆ O ₁₁ and Co ₃ O ₄ on Electrical and Microstructure Features of ZnO-BaTiO ₃ Varistor Ceramics. <i>Materials</i> , 2021, 14, 702.	1.3	5
26	Multiple characterization of some glassy-alloys as photon and neutron shields: In-silico Monte Carlo investigation. <i>Materials Research Express</i> , 2021, 8, 035202.	0.8	9
27	In-Silico Monte Carlo Simulation Trials for Investigation of V ₂ O ₅ Reinforcement Effect on Ternary Zinc Borate Glasses: Nuclear Radiation Shielding Dynamics. <i>Materials</i> , 2021, 14, 1158.	1.3	9
28	Thermal, structural and optical properties of Bi ₂ O ₃ -Na ₂ O-TiO ₂ -ZnO-TeO ₂ glass system. <i>Journal of Non-Crystalline Solids</i> , 2021, 555, 120621.	1.5	20
29	A Systematical Characterization of TeO ₂ -V ₂ O ₅ Glass System Using Boron (III) Oxide and Neodymium (III) Oxide Substitution: Resistance Behaviors against Ionizing Radiation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3035.	1.3	32
30	Influence of heavy metal oxides to the mechanical and radiation shielding properties of borate and silica glass system. <i>Journal of Materials Research and Technology</i> , 2021, 11, 1322-1330.	2.6	14
31	Recent Developments in Carbon Nanotubes-Reinforced Ceramic Matrix Composites: A Review on Dispersion and Densification Techniques. <i>Crystals</i> , 2021, 11, 457.	1.0	13
32	Comprehensive comparison on optical properties of samarium oxide (micro/nano) particles doped tellurite glass for optoelectronics applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14174-14185.	1.1	2
33	Developed selenium dioxide-based ceramics for advanced shielding applications: Au ₂ O ₃ impact on nuclear radiation attenuation. <i>Results in Physics</i> , 2021, 24, 104099.	2.0	9
34	Anticorrosive and Microbial Inhibition Performance of a Coating Loaded with <i>Andrographis paniculata</i> on Stainless Steel in Seawater. <i>Molecules</i> , 2021, 26, 3379.	1.7	11
35	Tuning the optical bandgap of multi-walled carbon nanotube-modified zinc silicate glass-ceramic composites. <i>Ceramics International</i> , 2021, 47, 20108-20116.	2.3	7
36	Effect of Ag ₂ O substituted in bioactive glasses: a synergistic relationship between antibacterial zone and radiation attenuation properties. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2194-2201.	2.6	11

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37	Effects of Particle Size on the Dielectric, Mechanical, and Thermal Properties of Recycled Borosilicate Glass-Filled PTFE Microwave Substrates. <i>Polymers</i> , 2021, 13, 2449.	2.0	4
38	Simple thermal treatment approach for the synthesis of Zn_2SiO_4 nanoparticles. <i>Optics and Laser Technology</i> , 2021, 140, 106991.	2.2	15
39	Influence of nanometric microstructural development on thermophysical properties of lanthanum-doped strontium titanate. <i>Materials Chemistry and Physics</i> , 2021, 270, 124867.	2.0	2
40	Red emission, upconversion and intensity parameters of erbium oxide doped tellurite glass for laser glass. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 24415-24428.	1.1	3
41	Influence of ZnO to the physical, elastic and gamma radiation shielding properties of the tellurite glass system using MCNP-5 simulation code. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109665.	1.4	16
42	Physical and mechanical properties of fired clay bricks substituted with agricultural waste. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	1
43	Physical properties of low energy consumption fired industrial waste-clay bricks from cockle shells and soda lime silica glass. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
44	Synthesis, mechanical characterization and photon radiation shielding properties of $\text{ZnO-Al}_2\text{O}_3\text{-Bi}_2\text{O}_3\text{-B}_2\text{O}_3$ glass system. <i>Optical Materials</i> , 2021, 122, 111640.	1.7	5
45	Addition of ZnO nanoparticles on waste rice husk as potential host material for red-emitting phosphor. <i>Materials Science in Semiconductor Processing</i> , 2020, 106, 104774.	1.9	12
46	The influence of heavy elements on the ionizing radiation shielding efficiency and elastic properties of some tellurite glasses: Theoretical investigation. <i>Results in Physics</i> , 2020, 19, 103496.	2.0	50
47	Multi-objective optimization strategies for radiation shielding performance of BZBB glasses using Bi_2O_3 : A FLUKA Monte Carlo code calculations. <i>Journal of Materials Research and Technology</i> , 2020, 9, 12335-12345.	2.6	53
48	Artificial neural network prediction on ultrasonic performance of bismuth-tellurite glass compositions. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14082-14092.	2.6	16
49	Promising applicable heterometallic $\text{Al}_2\text{O}_3/\text{PbO}_2$ nanoparticles in shielding properties. <i>Journal of Materials Research and Technology</i> , 2020, 9, 13956-13962.	2.6	18
50	Synthesis and characterization of samarium doped calcium soda-lime-silicate glass derived wollastonite glass-ceramics. <i>Journal of Materials Research and Technology</i> , 2020, 9, 13153-13160.	2.6	18
51	Impact of Dy_2O_3 Substitution on the Physical, Structural and Optical Properties of Lithium-Aluminium-Borate Glass System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8183.	1.3	22
52	Effect of ZnO on the phase transformation and optical properties of silicate glass frits using rice husk ash as a SiO_2 source. <i>Journal of Materials Research and Technology</i> , 2020, 9, 11013-11021.	2.6	31
53	Phase Transformation, Optical and Emission Performance of Zinc Silicate Glass-Ceramics Phosphor Derived from the $\text{ZnO-B}_2\text{O}_3\text{-SLS}$ Glass System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4940.	1.3	18
54	A Study on Optical Properties of Zinc Silicate Glass-Ceramics as a Host for Green Phosphor. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4938.	1.3	12

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55	Effect of soda lime silica glass doping on ZnO varistor ceramics: dry milling method. Journal of Asian Ceramic Societies, 2020, 8, 909-914.	1.0	9
56	Reuse of Eggshell Waste and Recycled Glass in the Fabrication Porous Glass-Ceramics. Applied Sciences (Switzerland), 2020, 10, 5404.	1.3	12
57	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
58	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
59	Ultrasonic and artificial intelligence approach: Elastic behavior on the influences of ZnO in tellurite glass systems. Journal of Alloys and Compounds, 2020, 835, 155350.	2.8	23
60	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
61	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
62	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
63	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
64	Sintering Temperature Effect on Structural and Optical Properties of Heat Treated Coconut Husk Ash Derived SiO ₂ Mixed with ZnO Nanoparticles. Materials, 2020, 13, 2555.	1.3	14
65	The influence of PbO and Bi ₂ O ₃ on the radiation shielding and elastic features for different glasses. Journal of Materials Research and Technology, 2020, 9, 8429-8438.	2.6	52
66	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
67	Optical studies on Tb ³⁺ : Dy ³⁺ singly and doubly doped Borosilicate glasses for white light and solid state lighting applications. Journal of Non-Crystalline Solids, 2020, 534, 119943.	1.5	36
68	Influence of lead and zinc oxides on the radiation shielding properties of tellurite glass systems. Ceramics International, 2020, 46, 17300-17306.	2.3	64
69	Optical studies of crystalline ZnO-SiO ₂ developed from pyrolysis of coconut husk. Materials Research Express, 2020, 7, 055901.	0.8	9
70	Effect of CNT on microstructural properties of Zn ₂ SiO ₄ /CNT composite via dry powder processing. Materials Research Express, 2020, 7, 105601.	0.8	5
71	Effect of sintering temperatures on structural and optical properties of ZnO-Zn ₂ SiO ₄ composite prepared by using amorphous SiO ₂ nanoparticles. Journal of the Australian Ceramic Society, 2019, 55, 115-122.	1.1	15
72	Single- and Double-Layer Microwave Absorbers of Cobalt Ferrite and Graphite Composite at Gigahertz Frequency. Journal of Superconductivity and Novel Magnetism, 2019, 32, 935-943.	0.8	9

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73	The Effects of SLS on Structural and Complex Permittivity of SLS-HDPE Composites. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-7.	0.8	4
74	Exploring Eu ³⁺ -doped ZnO-SiO ₂ glass derived by recycling renewable source of waste rice husk for white-LEDs application. <i>Results in Physics</i> , 2019, 15, 102596.	2.0	20
75	Effect of heat treatment temperature to the crystal growth and optical performance of Mn ₃ O ₄ doped $\text{Li-Zn}_2\text{SiO}_4$ based glass-ceramics. <i>Results in Physics</i> , 2019, 15, 102569.	2.0	10
76	Effect of lead and zinc oxides on the thermal properties of tellurite glass systems. <i>Journal of Non-Crystalline Solids</i> , 2019, 523, 119640.	1.5	11
77	Evaluation of radiation absorption characteristics in different parts of some medicinal aromatic plants in the low energy region. <i>Results in Physics</i> , 2019, 12, 94-100.	2.0	5
78	Optical band gap and photoluminescence studies of Eu ³⁺ -doped zinc silicate derived from waste rice husks. <i>Optik</i> , 2019, 182, 486-495.	1.4	37
79	Effect of sintering temperature on physical and structural properties of Alumino-Silicate-Fluoride glass ceramics fabricated from clam shell and soda lime silicate glass. <i>Results in Physics</i> , 2019, 12, 1909-1914.	2.0	20
80	Small Angle Neutron Scattering Study of a Gehlenite-Based Ceramic Fabricated from Industrial Waste. <i>Solid State Phenomena</i> , 2019, 290, 22-28.	0.3	1
81	Chemically Reduced Graphene Oxide-Reinforced Poly(Lactic Acid)/Poly(Ethylene Glycol) Nanocomposites: Preparation, Characterization, and Applications in Electromagnetic Interference Shielding. <i>Polymers</i> , 2019, 11, 661.	2.0	25
82	Synthesis and green luminescence of low cost Er ₂ O ₃ doped zinc silicate glass-ceramics as laser materials. <i>Optik</i> , 2019, 184, 480-484.	1.4	12
83	Investigation of shielding parameters of some boron containing resources for gamma ray and fast neutron. <i>Results in Physics</i> , 2019, 13, 102129.	2.0	22
84	Comprehensive study on evaluation of shielding parameters of selected soils by gamma and X-rays transmission in the range 13.94–88.04 keV using WinXCom and FFAST programs. <i>Results in Physics</i> , 2019, 15, 102751.	2.0	16
85	Synthesis of cobalt oxide Co ₃ O ₄ doped zinc silicate based glass-ceramic derived for LED applications. <i>Optik</i> , 2019, 179, 919-926.	1.4	17
86	Enhanced green photoluminescence of erbium doped Zn ₂ SiO ₄ glass-ceramics as phosphor in optoelectronic devices. <i>Journal of Alloys and Compounds</i> , 2019, 783, 441-447.	2.8	10
87	Fabrication of Alumino-Silicate-Fluoride based bioglass derived from waste clam shell and soda lime silica glasses. <i>Results in Physics</i> , 2019, 12, 743-747.	2.0	14
88	Fabrication of Ni, Cr, W reinforced new high alloyed stainless steels for radiation shielding applications. <i>Results in Physics</i> , 2019, 12, 1-6.	2.0	35
89	Effects of polyvinylpyrrolidone on structural and optical properties of willemite semiconductor nanoparticles by polymer thermal treatment method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 2249-2268.	2.0	46
90	Evaluation of the shielding parameters of alkaline earth based phosphate glasses using MCNPX code. <i>Results in Physics</i> , 2019, 12, 101-106.	2.0	87

#	ARTICLE	IF	CITATIONS
91	Photon parameters for gamma-rays sensing properties of some oxide of lanthanides. Results in Physics, 2018, 9, 206-210.	2.0	98
92	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
93	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
94	Effect of PbO on optical properties of tellurite glass. Results in Physics, 2018, 8, 16-25.	2.0	82
95	Calcination effect to the physical and optical properties of Zn ₂ SiO ₄ composite prepared by impregnation of ZnO on SiO ₂ amorphous nanoparticles. IOP Conference Series: Materials Science and Engineering, 2018, 440, 012036.	0.3	1
96	Elastic moduli of TeO ₂ -PbO glass system. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	8
97	Comprehensive study on structural and optical properties of Tm ₂ O ₃ doped zinc silicate based glass-ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19861-19866.	1.1	18
98	Preparation of a Chemically Reduced Graphene Oxide Reinforced Epoxy Resin Polymer as a Composite for Electromagnetic Interference Shielding and Microwave-Absorbing Applications. Polymers, 2018, 10, 1180.	2.0	36
99	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
100	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
101	Shielding features of concrete types containing sepiolite mineral: Comprehensive study on experimental, XCOM and MCNPX results. Results in Physics, 2018, 11, 40-45.	2.0	127
102	Synthesis and structural properties of coconut husk as potential silica source. Results in Physics, 2018, 11, 1-4.	2.0	87
103	Effect of MnO ₂ doped on physical, structure and optical properties of zinc silicate glasses from waste rice husk ash. Results in Physics, 2017, 7, 955-961.	2.0	24
104	Influence of zinc oxide on the physical, structural and optical band gap of zinc silicate glass system from waste rice husk ash. Optik, 2017, 136, 129-135.	1.4	27
105	Comprehensive study on effect of sintering temperature on the physical, structural and optical properties of Er ³⁺ doped ZnO-GSLs glasses. Results in Physics, 2017, 7, 2224-2231.	2.0	12
106	Effect of sintering temperature on physical, structural and optical properties of wollastonite based glass-ceramic derived from waste soda lime silica glasses. Results in Physics, 2017, 7, 2242-2247.	2.0	47
107	Enhanced luminescence properties of low-cost Mn ²⁺ doped willemite based glass-ceramics as potential green phosphor materials. Journal of Materials Science: Materials in Electronics, 2017, 28, 12282-12289.	1.1	8
108	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

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109	Comprehensive study on physical, elastic and shielding properties of lead zinc phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2017, 457, 97-103.	1.5	118
110	Effects of cobalt doping on structural, morphological, and optical properties of Zn ₂ SiO ₄ nanophosphors prepared by sol-gel method. <i>Results in Physics</i> , 2017, 7, 3820-3825.	2.0	30
111	Effect of Co ₃ O ₄ doping and sintering temperature on optical energy band gap properties in Zn-Bi-Ti-O varistor ceramics. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
112	Fabrication and characterization of glass and glass-ceramic from rice husk ash as a potent material for opto-electronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17611-17621.	1.1	21
113	A comprehensive study of the energy absorption and exposure buildup factors of different bricks for gamma-rays shielding. <i>Results in Physics</i> , 2017, 7, 2528-2533.	2.0	79
114	A Comprehensive Study on Gamma Rays and Fast Neutron Sensing Properties of GAGOC and CMO Scintillators for Shielding Radiation Applications. <i>Journal of Spectroscopy</i> , 2017, 2017, 1-9.	0.6	11
115	Comprehensive Study on Elastic Moduli Prediction and Correlation of Glass and Glass Ceramic Derived from Waste Rice Husk. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-10.	1.0	3
116	Characterization and optical properties of erbium oxide doped ZnO-SLS glass for potential optical and optoelectronic materials. <i>Materials Express</i> , 2017, 7, 59-65.	0.2	21
117	EFFECT OF MnO ₂ DOPING ON NONLINEAR COEFFICIENT OF Zn-Bi-Ti-O VARISTOR CERAMICS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	0
118	Fabrication and Crystallization of ZnO-SLS Glass Derived Willemite Glass-Ceramics as a Potential Material for Optics Applications. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-7.	0.6	32
119	Effects of Calcination on the Crystallography and Nonbiogenic Aragonite Formation of Ark Clam Shell under Ambient Condition. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-8.	1.0	17
120	Structural and optical properties of Eu ³⁺ activated low cost zinc soda lime silica glasses. <i>Results in Physics</i> , 2016, 6, 640-644.	2.0	34
121	Comprehensive study on compositional dependence of optical band gap in zinc soda lime silica glass system for optoelectronic applications. <i>Journal of Non-Crystalline Solids</i> , 2016, 449, 107-112.	1.5	46
122	The usability of ark clam shell (<i>Anadara granosa</i>) as calcium precursor to produce hydroxyapatite nanoparticle via wet chemical precipitate method in various sintering temperature. <i>SpringerPlus</i> , 2016, 5, 1206.	1.2	46
123	Structural and optical properties of Er ³⁺ -doped willemite glass-ceramics from waste materials. <i>Optik</i> , 2016, 127, 11698-11705.	1.4	35
124	Low cost phosphors: Structural and photoluminescence properties of Mn ²⁺ -doped willemite glass-ceramics. <i>Optik</i> , 2016, 127, 8076-8081.	1.4	13
125	Synthesis and characterization of low cost willemite based glass-ceramic for opto-electronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 11158-11167.	1.1	32
126	Manganese modified structural and optical properties of zinc soda lime silica glasses. <i>Applied Optics</i> , 2016, 55, 2182.	2.1	13

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127	Synthesis and optical properties of europium doped zinc silicate prepared using low cost solid state reaction method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 1092-1099.	1.1	28
128	Investigation on Structural and Optical Properties of Willemite Doped Mn^{2+} Based Glass-Ceramics Prepared by Conventional Solid-State Method. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-7.	0.6	20
129	Studying the Effect of ZnO on Physical and Elastic Properties of $(ZnO)_x(P_2O_5)_5$ Glasses Using Nondestructive Ultrasonic Method. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-6.	1.0	18
130	Investigation on structural and optical properties of SLS "ZnO glasses prepared using a conventional melt quenching technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3722-3729.	1.1	35
131	Effect of Sintering Temperature on Structural and Morphological Properties of Europium (III) Oxide Doped Willemite. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-8.	0.6	34
132	Study of the elastic properties of $(PbO)_x(P_2O_5)_{1-x}$ lead phosphate glass using an ultrasonic technique. <i>Journal of Non-Crystalline Solids</i> , 2013, 361, 78-81.	1.5	34
133	The Effect of Remelting on the Physical Properties of Borotellurite Glass Doped with Manganese. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1022-1030.	1.8	35
134	Effect of ZnO on the Physical Properties and Optical Band Gap of Soda Lime Silicate Glass. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7550-7558.	1.8	98
135	Phase Transformations of γ -Alumina Made from Waste Aluminum via a Precipitation Technique. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16812-16821.	1.8	79
136	Use of a Reflectance Spectroscopy Accessory for Optical Characterization of ZnO-Bi ₂ O ₃ -TiO ₂ Ceramics. <i>International Journal of Molecular Sciences</i> , 2011, 12, 1496-1504.	1.8	5