

M Y Hassaan

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

55
papers

396
citations

11
h-index

16
g-index

57
ext. papers

457
ext. citations

2.4
avg, IF

3.46
L-index

#	Paper	IF	Citations
55	Conductivity and dielectric behaviour of iron sodium phosphate glasses. <i>Materials Chemistry and Physics</i> , 2001 , 69, 180-185	4.4	40
54	. <i>Journal of Materials Science: Materials in Electronics</i> , 1998 , 9, 77-82	2.1	26
53	Optical and electrical studies of borosilicate glass containing vanadium and cobalt ions for smart windows applications. <i>Ceramics International</i> , 2017 , 43, 1795-1801	5.1	25
52	The influence of oxides on the optical properties of tellurite glasses. <i>Physica Scripta</i> , 2014 , 89, 115812	2.6	23
51	Optical, FTIR and DC Conductivity of Soda Lime Silicate Glass Containing Cement Dust and Transition Metal Ions. <i>Silicon</i> , 2016 , 8, 443-453	2.4	19
50	Crystallization kinetics of new compound of V ₂ O ₅ B ₂ O ₃ Li ₂ OBe ₂ O ₃ glass using differential thermal analysis. <i>Journal of Alloys and Compounds</i> , 2009 , 482, 440-446	5.7	17
49	Study of nanostructure and ionic conductivity of Li _{1.3} Nb _{0.3} V _{1.7} (PO ₄) ₃ glass ceramics used as cathode material for solid batteries. <i>Journal of Non-Crystalline Solids</i> , 2014 , 391, 6-11	3.9	16
48	Structural and electric-dielectric properties of some bismuth -phosphate glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2012 , 73, 407-417	3.9	15
47	Effect of nanocrystallization on the electrical conductivity enhancement and Mössbauer hyperfine parameters of iron based glasses. <i>Materials Research Bulletin</i> , 2010 , 45, 1122-1126	5.1	14
46	Structural Study of Glass and Glass Ceramics Prepared with Egyptian Basalt. <i>Silicon</i> , 2015 , 7, 383-391	2.4	12
45	WO ₃ concentration and frequency dependence of conductivity and dielectric constant of sodium borate tungstate glasses. <i>Journal of Materials Science: Materials in Electronics</i> , 1998 , 9, 447-451	2.1	11
44	Mössbauer spectroscopy in cement manufacture. <i>Journal of Materials Science Letters</i> , 1984 , 3, 88-90		11
43	Optical and FT Infrared Absorption Spectra of Soda Lime Silicate Glasses Containing nano Fe ₂ O ₃ and Effects of Gamma Irradiation. <i>Silicon</i> , 2017 , 9, 511-517	2.4	10
42	Thermal features and physical properties of sulfur modified barium vanadate glasses. <i>Phase Transitions</i> , 2013 , 86, 477-489	1.3	10
41	Sheet resistance-temperature dependence, thermal and electrical analysis of As ₄₀ S ₆₀ Se _x thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	10
40	Investigation of Optical and Electrical Properties of Different Compositions of As-S-Se Thin Films at Thickness 725 nm With High Precision Using a Wedge-Shaped Optical Model. <i>Journal of Electronic Materials</i> , 2020 , 49, 5750-5761	1.9	10
39	The influence of both Zn ²⁺ and Ca ²⁺ on linear and nonlinear optical parameters of some bismuth borate-based glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	9

38	Synthesis optical properties of novel TeO ₂ based glasses. <i>Optik</i> , 2016 , 127, 8933-8939	2.5	9
37	Effect of sulfur addition and heat treatment on electrical conductivity of barium vanadate glasses containing iron. <i>Materials Chemistry and Physics</i> , 2011 , 129, 380-384	4.4	8
36	Structural, magnetic and electrical transport properties of the La _{0.70} Sr _{0.30} Mn _{0.96} Fe _{0.04} O ₃ + \square perovskite. <i>Hyperfine Interactions</i> , 2008 , 184, 167-172	0.8	8
35	Study of anhydrous and hydrated Portland cement containing alkali ions by infrared spectroscopy. <i>Journal of Materials Science Letters</i> , 1989 , 8, 578-580		8
34	Mössbauer, X-ray and derivatographic studies on Egyptian Nile clay. <i>Hyperfine Interactions</i> , 1988 , 41, 775-778	0.8	8
33	Study of magnetic properties and lattice dynamics of the Cd x Co _{1-x} ferrite system by Mössbauer effect. <i>Acta Physica Academiae Scientiarum Hungaricae</i> , 1981 , 51, 313-318		7
32	Superparamagnetic behaviour of cement clinker and its ferrite phase doped with different impurities. <i>Hyperfine Interactions</i> , 1992 , 71, 1389-1393	0.8	6
31	A Mössbauer study on the magnetic and thermal behaviour of the ferrite phase of cement clinker. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1990 , 123, 153-157	5.3	6
30	Study of the high iron concentrations in cement clinker by Mössbauer spectroscopy. <i>Journal of Materials Science Letters</i> , 1984 , 3, 262-264		6
29	An easy and economic method for preparing completely reduced basalt glass. <i>Journal of Non-Crystalline Solids</i> , 2002 , 306, 200-203	3.9	5
28	Impact of RGO on electrical and dielectric properties of Co ₃ O ₄ /RGO nanocomposite. <i>Materials Research Express</i> , 2019 , 6, 105039	1.7	4
27	Variation of Some Physical Properties of Brownmillerite Doped with a Transition Metal Oxide. <i>Hyperfine Interactions</i> , 2004 , 156/157, 459-464	0.8	4
26	Some physical properties of anhydrous and hydrated Brownmillerite doped with NaF. <i>Cement and Concrete Research</i> , 2003 , 33, 697-702	10.3	4
25	Effect of alkali ions on the strength development of cement paste by Mössbauer spectrometry. <i>Hyperfine Interactions</i> , 1989 , 46, 739-745	0.8	4
24	Effect of gypsum on the strength development of portland cement by Mössbauer spectrometry. <i>Hyperfine Interactions</i> , 1988 , 42, 1199-1202	0.8	4
23	Mössbauer spectroscopic study on Portland cement clinker doped with sodium carbonate. <i>Journal of Materials Science Letters</i> , 1985 , 4, 37-38		4
22	Evaluation of the elastic properties of monovalent oxides using (hbox {TeO}_{2})-based glasses. <i>Bulletin of Materials Science</i> , 2017 , 40, 555-560	1.7	3
21	Role of Sulfur as a Reducing Agent for the Transition Metals Incorporated into Lithium Silicate Glass. <i>Croatica Chemica Acta</i> , 2015 , 88, 505-510	0.8	3

20	DC and AC Conductivity Study of Basalt Glasses Containing High Concentrations of Na ⁺ Ions. <i>Silicon</i> , 2018 , 10, 2153-2160	2.4	2
19	Controlled crystallization a ionic conductivity of nanostructured LiNbFePO ₄ glass ceramic. <i>Hyperfine Interactions</i> , 2014 , 226, 131-140	0.8	2
18	Follow up of the glassy phase formation as silicon oxide was added to Brownmillerite phase of Portland cement clinker. <i>Hyperfine Interactions</i> , 2009 , 188, 25-33	0.8	2
17	Application of Magnetic Susceptibility to Study Low Iron Substitution in Tricalcium Aluminate. <i>Journal of the American Ceramic Society</i> , 1995 , 78, 1958-1960	3.8	2
16	Study of the effect of aluminium ions on the properties of the ferrite phase of Portland cement clinker by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 1990 , 58, 2575-2579	0.8	2
15	Effect of alkali ions on the electrical properties of the ferrite phase of cement clinker. <i>Journal of Materials Science: Materials in Electronics</i> , 1990 , 1, 225-229	2.1	2
14	Mössbauer and electrical properties of sulfur doped basalt glass 2002 , 61-65		2
13	Mössbauer effect study on the magnetic and thermal behaviour of the Cd ²⁺ Mg ferrite system. <i>Materials Science and Engineering</i> , 1986 , 77, 149-153		1
12	Mössbauer spectroscopic study on portland cement clinker containing alkali ions. <i>Hyperfine Interactions</i> , 1988 , 42, 1195-1198	0.8	1
11	Development of advanced, transparent radiation shielding glass possessing phosphate and lead ions in the glassy matrix. <i>Journal of Optics (India)</i> , 2020 , 49, 438-445	1.3	1
10	Preparation and Characterization of Egyptian Granite Based Glass with Different Na ⁺ Ions Content. <i>Silicon</i> , 1	2.4	0
9	Comparative neutronic study for heterogeneous and homogeneous fuel assembly in a lead-cooled fast reactor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1171, 012009	0.4	0
8	Enhancement of structural and optical properties of transparent sodium zinc phosphate glass/ceramics nano composite. <i>Journal of the Australian Ceramic Society</i> , 2022 , 58, 653-661	1.5	0
7	Mössbauer and electrical conduction investigations of LiFe(BaTi)(PO ₄) NASICON nano composite. <i>Hyperfine Interactions</i> , 2016 , 237, 1	0.8	
6	Effect of nanocrystallization on the electrical conduction of silver lithium phosphate glasses containing iron and vanadium. <i>Hyperfine Interactions</i> , 2012 , 205, 91-95	0.8	
5	Variation of the oxidation state of iron in sodium borate glasses caused by the external magnetic field applied during sample preparation. <i>Materials Letters</i> , 2005 , 59, 3788-3790	3.3	
4	Study of the dehydration of Portland Cement by Mössbauer spectrometry. <i>Hyperfine Interactions</i> , 1989 , 46, 733-738	0.8	
3	The role of silicon atoms inside the Brownmillerite phase of cement clinker 2002 , 503-506		

2 Variation of Some Physical Properties of Brownmillerite Doped with a Transition Metal Oxide **2004**, 459-464

1 Follow up of the glassy phase formation as silicon oxide was added to Brownmillerite phase of Portland cement clinker **2008**, 1259-1267