

List of Publications by Citations

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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.

18 papers	640 citations	15 h-index	18 g-index
18 ext. papers	744 ext. citations	4.3 avg, IF	4.73 L-index

#	Paper	IF	Citations
18	Blend biopolymeric nanofibrous scaffolds of cellulose acetate/εpolycaprolactone containing metallic nanoparticles prepared by laser ablation for wound disinfection applications. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 636-644	7.9	71
17	Impact of in situ preparation of CdS filled PVP nano-composite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 130, 302-8	4.4	57
16	Optical and infrared absorption spectra of 3d transition metal ions-doped sodium borophosphate glasses and effect of gamma irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 98, 148-55	4.4	54
15	Impact of vanadium ions in barium borate glass. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 39-44	4.4	52
14	Removal and separation of Cu(II) from aqueous solutions using nano-silver chitosan/polyacrylamide membranes. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 789-98	7.9	45
13	Role of SrO on the bioactivity behavior of some ternary borate glasses and their glass ceramic derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 152, 126-33	4.4	44
12	Novel method for early investigation of bioactivity in different borate bio-glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 100, 120-6	4.4	44
11	Nd:YAG Nanosecond Laser Pulses for Precipitation Silver Nanoparticles in Silicate Glasses: AC Conductivity and Dielectric Studies. <i>Silicon</i> , 2020 , 12, 13-20	2.4	44
10	Characterization by combined optical and FT infrared spectra of 3d-transition metal ions doped-bismuth silicate glasses and effects of gamma irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 122, 461-8	4.4	42
9	Defect formation of gamma irradiated MoO ₃ -doped borophosphate glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 114, 569-74	4.4	42
8	Effect of 3d-transition metal doping on the shielding behavior of barium borate glasses: a spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 534-41	4.4	35
7	Influence of CuO content on the structure of lithium fluoroborate glasses: Spectral and gamma irradiation studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 788-92	4.4	32
6	Photodegradation of methylene blue with PVA/PVP blend under UV light irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 199, 220-227	4.4	20
5	Computational studies of the first order kinetic reactions for mononuclear copper(II) complexes having a hard-soft NS donor ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 130, 178-87	4.4	16
4	Optical and FT Infrared spectral studies of vanadium ions in cadmium borate glass and effects of gamma irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 131, 497-501	4.4	16
3	Structural and optical absorption studies on CrO doped SrO-PO glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117840	4.4	13
2	Synthesis and Spectral Properties of Nd ₂ O ₃ -Doped Sodium Silicophosphate Glass. <i>Silicon</i> , 2016 , 8, 325-330		8

- 1 AC Conductivity and Dielectric Behavior of Silicophosphate Glass Doped by Nd₂O₃. *Silicon*, **2017**, 9, 347-354 5