

# Irma Chacn

## List of Publications by Year in Descending Order

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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	Structural and optical absorption studies on CrO doped SrO-PO glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117840	4.4	13
17	Nd:YAG Nanosecond Laser Pulses for Precipitation Silver Nanoparticles in Silicate Glasses: AC Conductivity and Dielectric Studies. <i>Silicon</i> , <b>2020</b> , 12, 13-20	2.4	44
16	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> , <b>2020</b> , 155, 636-644	7.9	71
15	Photodegradation of methylene blue with PVA/PVP blend under UV light irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 199, 220-227	4.4	20
14	AC Conductivity and Dielectric Behavior of Silicophosphate Glass Doped by Nd <sub>2</sub> O <sub>3</sub> . <i>Silicon</i> , <b>2017</b> , 9, 347-354	3.4	5
13	Synthesis and Spectral Properties of Nd <sub>2</sub> O <sub>3</sub> -Doped Sodium Silicophosphate Glass. <i>Silicon</i> , <b>2016</b> , 8, 325-330	3.0	8
12	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> , <b>2016</b> , 152, 126-33	4.4	44
11	Removal and separation of Cu(II) from aqueous solutions using nano-silver chitosan/polyacrylamide membranes. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 86, 789-98	7.9	45
10	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> , <b>2015</b> , 149, 788-92	4.4	32
9	Impact of vanadium ions in barium borate glass. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 137, 39-44	4.4	52
8	Impact of in situ preparation of CdS filled PVP nano-composite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 130, 302-8	4.4	57
7	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> , <b>2014</b> , 130, 178-87	4.4	16
6	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> , <b>2014</b> , 133, 534-41	4.4	35
5	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> , <b>2014</b> , 122, 461-8	4.4	42
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> , <b>2014</b> , 131, 497-501	4.4	16
3	Defect formation of gamma irradiated MoO <sub>3</sub> -doped borophosphate glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 114, 569-74	4.4	42
2	Novel method for early investigation of bioactivity in different borate bio-glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 100, 120-6	4.4	44

- 1      Optical and infrared absorption spectra of 3d transition metal ions-doped sodium borophosphate glasses and effect of gamma irradiation. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 98, 148-55      4.4      54