

# Serife Yalcin

## List of Publications by Year in descending order

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papers

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687363

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#	ARTICLE	IF	CITATIONS
1	The role of TeO <sub>2</sub> insertion on the radiation shielding, structural and physical properties of borosilicate glasses. <i>Journal of Nuclear Materials</i> , 2022, 563, 153619.	2.7	74
2	Structural, mechanical, radiation shielding properties and albedo parameters of alumina borate glasses: Role of CeO <sub>2</sub> and Er <sub>2</sub> O <sub>3</sub> . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 276, 115519.	3.5	63
3	Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis. <i>Journal of Molecular Structure</i> , 2015, 1089, 222-232.	3.6	35
4	Erbium oxide and Cerium oxide-doped borosilicate glasses as radiation shielding material. <i>Radiation Effects and Defects in Solids</i> , 2020, 175, 458-471.	1.2	30
5	Effect of Er <sub>2</sub> O <sub>3</sub> on structural, mechanical, and optical properties of Al <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass. <i>Journal of Non-Crystalline Solids</i> , 2022, 584, 121516.	3.1	29
6	Luminescent, structural and mechanical properties of erbium oxide doped natural obsidian glasses. <i>Journal of Non-Crystalline Solids</i> , 2021, 572, 121104.	3.1	27
7	Optical Properties of Soda-Lime-Silica Glasses Doped with Eggshell Powder. <i>Acta Physica Polonica A</i> , 2017, 132, 442-444.	0.5	25
8	The effect of Co and Mn Co-Doping on structural and optical properties of ZnO thin films. <i>Optical Materials</i> , 2022, 126, 112163.	3.6	22
9	Investigation of Radiation Shielding Properties of Soda-Lime-Silica Glasses Doped with Different Food Materials. <i>Acta Physica Polonica A</i> , 2017, 132, 988-990.	0.5	21
10	Synthesis, characterization and microwave-assisted catalytic activity of novel benzimidazole salts bearing piperidine and morpholine moieties in Heck cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2011, 25, 255-261.	3.5	19
11	Synthesis of a new ONNO donor tetradentate schiff base ligand and binuclear Cu(II) complex: Quantum chemical, spectroscopic and photoluminescence investigations. <i>Journal of Luminescence</i> , 2016, 176, 193-201.	3.1	19
12	Mechanical Properties of Soda-Lime-Silica Glasses with Variable Peanut Shell Contents. <i>Acta Physica Polonica A</i> , 2017, 131, 511-514.	0.5	19
13	Mechanical Properties of Soda-Lime-Silica Glasses Doped with Eggshell Powder. <i>Acta Physica Polonica A</i> , 2017, 132, 436-438.	0.5	18
14	Effects of spin coating parameters on stress, electrical and optical properties of multilayer ZnO thin film prepared by sol-gel. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 709, 61-69.	0.9	15
15	Photoluminescence properties of samarium(III)-based complexes: Synthesis, characterization and single crystal X-ray. <i>Journal of Luminescence</i> , 2020, 227, 117537.	3.1	13
16	Experimental and theoretical studies of (E)-2-(2-hydroxystyryl)-6-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-1,2,4-triazin-3(2H)-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 141, 307-315.	3.9	11
17	Synthesis, structural, spectral (FT-IR, 1H and 13C NMR and UV-Vis), NBO and first order hyperpolarizability analysis of N-(4-nitrophenyl)-2, 2-dibenzoylacetamide by density functional theory. <i>Journal of Molecular Structure</i> , 2015, 1098, 400-407.	3.6	11
18	Vibrational spectroscopic and thermo dynamical property studies, Fukui functions, HOMO-LUMO, NLO, NBO and crystal structure analysis of a new Schiff base bearing phenoxy-imine group. <i>Journal of Molecular Structure</i> , 2017, 1136, 222-230.	3.6	11

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19	Synthesis, electron paramagnetic resonance studies and molecular calculations of N-aminopyrimidine salicylaldiminato copper (II) complex. <i>Journal of Molecular Structure</i> , 2017, 1147, 12-21.	3.6	7
20	3-Chloro-N-(4-sulfamoylphenyl)propanamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1559-o1560.	0.2	6
21	1,3-Bis(3-phenylpropyl)-1H-benzimidazole-2(3H)-tellurone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o621-o622.	0.2	5
22	4-(9-Anthryl)-1-(2-methoxyphenyl)spiro[azetidin-3,9-xanthen]-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o626-o627.	0.2	5
23	4-(4-Nitrophenyl)-3-phenoxyazetidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3729-o3730.	0.2	4
24	Characterization of synthesized new chitin derivatives and Schottky diodes made using these derivatives. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 20090-20100.	2.2	4
25	Di- $\mu$ -iodido-bis{[(4-fluorobenzoylmethylene)triphenyl- $\lambda$ 5-phosphorane]iodidomercury(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m612-m613.	0.2	4
26	Investigation of composition of kidney stone taken from ÅžanlıÅ±urfa, Southern of Turkey. <i>Urolithiasis</i> , 2014, 42, 363-364.	2.0	1
27	Structural properties of Urfa stone doped with erbium oxide. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	1
28	Investigation of the photoluminescence properties of Urfa stone powder doped with chromium oxide. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	1
29	Gamma ray characterization of the albedo of atmospheric dust from Southeast Anatolia, Turkey. <i>Instrumentation Science and Technology</i> , 0, , 1-12.	1.8	1
30	Diethyl 5-[(2-hydroxy-1-naphthyl)methylideneamino]-3-methylthiophene-2,4-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o923-o923.	0.2	1
31	4-[3-(4-Methylpiperidin-1-yl)propanamido]benzenesulfonamide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3481-o3481.	0.2	0
32	The Structure, The Effect of Variety Acids and Treatment Methods of Kidney Stones. <i>Erzincan Åœniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 2021, 14, 761-775.	0.2	0
33	Synthesis, molecular structure and spectroscopic characterization of N-(4-nitrophenyl)-2,2-dibenzoylacetamide (NPDBA): with experimental (X-ray, FT-IR, 1H and 13C NMR and Tj ETQq <sub>1,1</sub> 0.784314 rgB <sub>0</sub> ) <i>Advances</i> , 2015, 71, s310-s310.	0.1	0
34	Residual Stress Levels on the Cortical Section of Vertebral Bone Tissue. <i>European Journal of Therapeutics</i> , 2019, 25, 248-252.	0.1	0