

# Tuncay Tunç

## List of Publications by Year in descending order

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28  
papers

352  
citations

840776

11  
h-index

839539

18  
g-index

28  
all docs

28  
docs citations

28  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous Peak in the Forward-Bias C <sub>v</sub> -V Plot and Temperature-Dependent Behavior of Au/PVA (Ni,Zn-doped)/n-Si(111) Structures. <i>Journal of Electronic Materials</i> , 2011, 40, 157-164.	2.2	61
2	The illumination intensity and applied bias voltage on dielectric properties of au/polyvinyl alcohol (Co, Zn-doped)/n-Si Schottky barrier diodes. <i>Journal of Applied Polymer Science</i> , 2011, 120, 322-328.	2.6	37
3	Preparation and Characterization of Neodymia Doped PVA/Zr-Ce Oxide Nanocrystalline Composites via Electrospinning Technique. <i>Materials and Manufacturing Processes</i> , 2011, 26, 1346-1351.	4.7	29
4	Frequency and Temperature Dependence of Dielectric Properties of Au/Polyvinyl Alcohol (Co,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 <i>Biomaterials</i> , 2010, 59, 739-756.	3.4	25
5	Preparation of Gadolina Stabilized Bismuth Oxide Doped with Boron via Electrospinning Technique. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 105-111.	3.7	20
6	Phenol Schiff Base Molecule. <i>Journal of Chemical Crystallography</i> , 2009, 39, 672-676.	1.1	19
7	Enhancement of Dielectric Characteristics of Polyvinyl Alcohol (<sc>PVA</sc>) Interfacial Layer in Au/<sc>PVA</sc>/n-Si Structures by Bi<sub>2</sub>O<sub>3</sub> Disperse. <i>International Journal of Applied Ceramic Technology</i> , 2013, 10, E64.	2.1	17
8	Synthesis, characterization and biological assessment of a novel hydrazone as potential anticancer agent and enzyme inhibitor. <i>Journal of Molecular Structure</i> , 2020, 1205, 127550.	3.6	17
9	Synthesis and characterization of boron-doped Bi <sub>2</sub> O <sub>3</sub> - La <sub>2</sub> O <sub>3</sub> fiber derived nanocomposite precursor. <i>Journal of Polymer Research</i> , 2011, 18, 1999-2004.	2.4	12
10	Synthesis of monosodium salts of N-(5-nitro-salicylidene)-D-amino acid Schiff bases and their iron(III) complexes: spectral and physical characterizations, antioxidant activities. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2565-2585.	2.2	12
11	Preparation and dielectric properties of polyvinyl alcohol (Co, Zn Acetate) Fiber/n-Si and polyvinyl alcohol (Ni, Zn Acetate)/n-Si Schottky diodes. <i>Fibers and Polymers</i> , 2011, 12, 886-892.	2.1	11
12	Synthesis, Crystal Structure, and Spectroscopic Studies of N-(4-Bromobenzylidene)-N <sup>2</sup> -(2-Pyridyl) Hydrazine Schiff Base Molecule. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 552, 194-208.	0.9	10
13	The Synthesis of Boron Carbide Ceramic via Electrospinning Technique. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 183-189.	3.7	10
14	Fabrication and characterization of boron doped yttria-stabilized zirconia nanofibers. <i>Polymer Engineering and Science</i> , 2013, 53, 963-969.	3.1	10
15	Investigation of current-voltage characteristics and current conduction mechanisms in composites of polyvinyl alcohol and bismuth oxide. <i>Polymer Engineering and Science</i> , 2014, 54, 1811-1816.	3.1	8
16	Regioselective One-pot Synthesis of New Unsymmetric Spiro Dihydrofurans in the Reaction of Mixed Two Different Cyclic 1,2-dicarbonyl Compounds with BrCN and Aldehydes in the Presence of Et <sub>3</sub> N. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 234-242.	1.4	8
17	Synthesis of tricyclic ring systems: [2+2] ketene addition reaction for preparation of tricyclic ketone, alcohol, and lactone derivatives. <i>Chemical Papers</i> , 2017, 71, 929-938.	2.2	8
18	Comparative experimental and theoretical studies of N-(4-Methylbenzylidene)-N <sup>2</sup> -(2-carboxyphenyl) hydrazine novel Schiff base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 490-497.	3.9	7

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19	4-Methyl morpholinium bis(thio)barbiturates: Synthesis, structure, anticancer evaluation, and CoMFA study. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1679-1695.	1.4	7
20	Synthesis, spectroscopic, crystal structure, biological activities and theoretical studies of 2-[(2E)-2-(2-chloro-6-fluorobenzylidene)hydrazinyl]pyridine. <i>Journal of Molecular Structure</i> , 2017, 1135, 98-105.	3.6	6
21	A novel proton transfer salt of 2-amino-6-sulfamoylbenzothiazole and its metal complexes: the evaluation of their inhibition effects on human cytosolic carbonic anhydrases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 231-239.	5.2	6
22	Synthesis, characterization, and pharmacological evaluation of the proton transfer salts of 2-aminobenzothiazole derivatives with 5-sulfosalicylic acid and their Cu(II) complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2831-2842.	2.2	6
23	4-[[4-(Dimethylamino)benzylidene]amino]benzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o726-o727.	0.2	3
24	Illumination Effect on Admittance Measurements of Polyvinyl Alcohol (Co, Zn-Doped) n-Si Schottky Barrier Diodes in Wide Frequency and Applied Bias Voltage Range. , 2011, , .		1
25	New fatty acid derivatives based on barbiturates and other cyclic 1,2-dicarbonyl compounds and an acyl migration. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1429-1437.	2.2	1
26	2-[(2E)-2-(3-chloro-2-fluorobenzylidene)hydrazinyl]pyridine: Synthesis, spectroscopic, structural properties, biological activity and theoretical analysis. <i>Journal of Molecular Structure</i> , 2021, 1227, 129570.	3.6	1
27	Crystal structure of 4,4'-bipyridine-1,1'-dium naphthalene-2,6-disulfonate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o989-o990.	0.2	0
28	Crystal structure of 4-({5-[(E)-(3,5-difluorophenyl)diazanyl]-2-hydroxybenzylidene}amino)-2,2,6,6-tetramethylpiperidin-1-oxyl. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 864-866.	0.5	0