

# Semra Ide

## List of Publications by Year in descending order

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80  
papers

1,084  
citations

361413

20  
h-index

454955

30  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear Magnetic Resonance (NMR) study of Palm Kernel Stearin: Effects of cooling rate on crystallization behaviour. <i>LWT - Food Science and Technology</i> , 2022, 155, 113001.	5.2	1
2	Butyl rubber-based interpenetrating polymer networks with side chain crystallinity: Self-healing and shape-memory polymers with tunable thermal and mechanical properties. <i>European Polymer Journal</i> , 2022, 168, 111098.	5.4	11
3	Solvent-Free UV Polymerization of <i>n</i> -Octadecyl Acrylate in Butyl Rubber: A Simple Way to Produce Tough and Smart Polymeric Materials at Ambient Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21786-21799.	8.0	19
4	Evaluation of the protective effect on enamel demineralization of <i>CPP-ACP</i> paste and <i>ROCS</i> by vibrational spectroscopy and <i>SAXS</i> : An in vitro study. <i>Microscopy Research and Technique</i> , 2021, 84, 2977-2987.	2.2	4
5	Analysis of the nano and microstructures of the cervical cementum and saliva in periodontitis: A pilot study. <i>Journal of Oral Biosciences</i> , 2021, 63, 370-377.	2.2	3
6	Nanoscope investigation on TiO <sub>2</sub> -SiO <sub>2</sub> -GLYMO nanocomposite coated and plasma treated leathers. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 966-974.	1.3	0
7	Partially sulfonated styrene-(ethylene-butylene)-styrene copolymers: Nanostructures, bio and electro-active properties. <i>Materials Chemistry and Physics</i> , 2019, 225, 399-405.	4.0	3
8	Structural analysis of hydrogenated nano-crystalline silicon suboxide (nc-SiO <sub>x</sub> :H, x ≈ 1) thin films with SAXS for a potential application as phase change material. <i>Surface and Coatings Technology</i> , 2019, 374, 164-170.	4.8	0
9	Nanoscale structural investigation on Ti-6Al-4V implants produced by using selective laser melting technique: The importance of production angle. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2796-2801.	5.8	7
10	Synthesis, characterization, single crystal structure and theoretical studies of trans-Ni(II)-complex with dithiophosphonate ligand. <i>Journal of Molecular Structure</i> , 2018, 1163, 128-136.	3.6	12
11	Structural studies on Demospongiae sponges from Gökçeada Island in the Northern Aegean Sea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 368-377.	3.9	4
12	Toughness improvement and anisotropy in semicrystalline physical hydrogels. <i>Polymer</i> , 2018, 151, 208-217.	3.8	8
13	Characterization and Production of Extracellular Polysaccharides (EPS) by <i>Bacillus Pseudomycoloides</i> U10. <i>Environments - MDPI</i> , 2018, 5, 63.	3.3	22
14	Yielding Behavior of Tough Semicrystalline Hydrogels. <i>Macromolecules</i> , 2017, 50, 3647-3654.	4.8	64
15	GISAXS analysis of Ge nanoparticles embedded ZnO thin films: The effect of oxygen partial pressure and thermal process on the nanostructured aggregations. <i>Materials Science in Semiconductor Processing</i> , 2017, 71, 145-150.	4.0	0
16	Investigations of rapid thermal annealing induced structural evolution of ZnO: Ge nanocomposite thin films via GISAXS. <i>Journal of Applied Physics</i> , 2016, 119, 215308.	2.5	0
17	Micro- and nano-structural characterization of six marine sponges of the class Demospongiae. <i>European Biophysics Journal</i> , 2016, 45, 831-842.	2.2	7
18	Supramolecular Nanostructure Formation of Coassembled Amyloid Inspired Peptides. <i>Langmuir</i> , 2016, 32, 6506-6514.	3.5	16

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19	Supramolecular GAG-like Self-Assembled Glycopeptide Nanofibers Induce Chondrogenesis and Cartilage Regeneration. <i>Biomacromolecules</i> , 2016, 17, 679-689.	5.4	73
20	Virus-like nanostructures for tuning immune response. <i>Scientific Reports</i> , 2015, 5, 16728.	3.3	39
21	Nano and microstructures of SEBS/PP/wax blend membranes: SAXS and WAXS analyses. <i>Journal of Polymer Engineering</i> , 2015, 35, 151-157.	1.4	6
22	Nano-Structural Analysis of a Lyotropic Liquid Crystal (TTAB + water + decanol ternary) System by Salt ( $\text{NH}_4\text{Br}$ ) Addition. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 609, 70-79.	0.9	2
23	Self-Assembled Peptide Amphiphile Nanofibers and PEG Composite Hydrogels as Tunable ECM Mimetic Microenvironment. <i>Biomacromolecules</i> , 2015, 16, 1247-1258.	5.4	69
24	Micro and nanoscale structures of mesiodens dentin: Combined study of FTIR and SAXS/WAXS techniques. <i>Microscopy Research and Technique</i> , 2015, 78, 52-58.	2.2	7
25	A Nanocomposite Shield Constructed for Protection Against the Harmful Effects of Dental X-Rays. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015, 12, 364-73.	0.4	1
26	SAXS and WAXS analysis of MgO doped ZnO nanostructured ceramics grown on Si and glass substrate. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 70, 125-132.	2.4	2
27	Experimental and computational study on 2,2'-[(1E,2E)-hydrazine-1,2-diylidenedi(1E)eth-1-yl-1-ylidene]diphenol and its Ni(II), Pt(II), Pd(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 130, 198-207.	3.9	4
28	TiO <sub>2</sub> nanocomposites: Preparation, characterization, mechanical and biological properties. <i>Applied Surface Science</i> , 2014, 318, 269-274.	6.1	3
29	Single and multilayered a-SiO <sub>x</sub> :H ( $x \approx 1$ ) thin film samples analyzed by optical absorption and small-angle X-ray scattering. <i>Materials Chemistry and Physics</i> , 2014, 146, 425-430.	4.0	2
30	Thermosensitive poly(N-isopropylacrylamide) based cryogel: A SAXS study. <i>Hacettepe Journal of Biology and Chemistry</i> , 2014, 2, 237-237.	0.9	1
31	Formulation and characterization of liquid crystal systems containing azelaic acid for topical delivery. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 228-239.	2.0	18
32	Micellization behavior of tertiary amine-methacrylate-based block copolymers characterized by small-angle X-ray scattering and dynamic light scattering. <i>Materials Chemistry and Physics</i> , 2013, 138, 559-564.	4.0	9
33	SWAXS analysis on some quasicrystalline alloys: Nanoclusters and nanoaggregates. <i>Journal of Alloys and Compounds</i> , 2013, 581, 860-866.	5.5	0
34	Annealing of Co-Cr dental alloy: effects on nanostructure and Rockwell hardness. <i>Journal of Advanced Prosthodontics</i> , 2013, 5, 471.	2.6	45
35	Investigation of adhesive-dentin interfaces using Raman microspectroscopy and small angle X-ray scattering. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 6-15.	2.5	10
36	Structural characterization of a variety of spider silks from Turkey using different biophysical techniques. <i>Spectroscopy</i> , 2011, 25, 155-167.	0.8	5

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37	Synthesis and Determination of Crystal and Molecular Structure of {Bispyridine-bis[4-methoxyphenyl(3-methylbutyl)dithiophosphinato]}nickel(II). X-ray Structure Analysis Online, 2011, 27, 23-24.	0.2	2
38	Synthesis and characterization of nanomagnetite particles and their polymer coated forms. Journal of Colloid and Interface Science, 2011, 353, 372-379.	9.4	34
39	Synthesis, Crystallographic and Spectral Studies of 3-(4-(Phenylamino) Phenylamino)Cyclohex-2-Enone. Journal of Chemical Crystallography, 2010, 40, 376-380.	1.1	0
40	Synthesis, spectroscopic characterization and X-ray single crystal structures of trans-bis[4-methoxyphenyl (3-methylbutyl) dithiophosphinato] nickel(II) and bis [4-methoxyphenyl (3-methylbutyl) dithiophosphinato]cobalt(II) complexes. Transition Metal Chemistry, 2010, 35, 399-405.	1.4	15
41	SWAXS studies on topical lamellar liquid crystal drug-delivery systems. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s131-s132.	0.3	1
42	Structure, antibacterial activity and theoretical study of 2-hydroxy-1-naphthaldehyde-N-methylethanesulfonylhydrazone. Journal of Molecular Structure, 2009, 919, 154-159.	3.6	54
43	Synthesis, characterization, biological activities of dimethyltin(IV) complexes of Schiff bases with ONO-type donors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 929-935.	3.9	43
44	Crystal and Molecular Structure of N-[1-(3-Aminopropyl)imidazole]-3,5-di-t-butylsalicylaldimine. X-ray Structure Analysis Online, 2009, 25, 75-76.	0.2	1
45	Mucopolysaccharidosis type I (Hurler syndrome): oral and radiographic findings and ultrastructural/chemical features of enamel and dentin. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 72-78.	1.4	21
46	Synthesis and Crystallographic Structure Studies of N-[5-Methylisoxazole amino-3-yl]-3,5-di-tert-butylsalicylaldimine. Analytical Sciences: X-ray Structure Analysis Online, 2007, 23, X185-X186.	0.1	3
47	Synthesis, Molecular Structure, Optical Properties and Electrical Conductivity of Zwitterionic Ferrocenyldithiophosphonates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 405-410.	1.2	18
48	Synthesis, structural, and spectral studies of N,N'-bis-(5-methylsalicylidene)-2,2'-diamino-4,4'-di-(trifluoromethyl)-diphenyl disulfide. Structural Chemistry, 2007, 18, 347-352.	2.0	6
49	Synthesis and characterization of diorganotin(IV) complexes of tridentate Schiff bases: crystal structure of [N-(3-hydroxypyridine-2-yl)-5-chlorosalicylideneiminato]dimethyltin(IV). Structural Chemistry, 2007, 18, 667-675.	2.0	11
50	6-[3-Phenyl-5-(trifluoromethyl)pyrazol-1-yl]pyridazin-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o446-o448.	0.2	3
51	Synthesis and vibrational spectroscopic studies of isonicotinamide metal(II) halide complexes. Journal of Molecular Structure, 2006, 783, 79-87.	3.6	28
52	Highly Brominated Biphenylenes as Precursors for the Convenient Synthesis of 5,6,8,10-Tetrabromobenzocyclooctene (IV).. ChemInform, 2005, 36, no.	0.0	0
53	Highly brominated biphenylenes as precursors for the convenient synthesis of 5,6,8,10-tetrabromobenzocyclooctene. Journal of Chemical Research, 2004, 2004, 545-549.	1.3	8
54	Dibromobis(phthalazine- $\hat{N}$ 2)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m424-m425.	0.2	6

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55	Dichlorobis(phthalazine)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1134-m1136.	0.2	4
56	Crystallographic report: Bis( $\mu$ -[O-cyclopentyl(4-methoxyphenyl)dithiophosphonato] $\mu$ -S,S',2 $\mu$ -S-[O-cyclopentyl(4-methoxyphenyl)dithiophosphonato] $\mu$ -S,S')nickel(II). Applied Organometallic Chemistry, 2004, 18, 141-142.	1.7	2
57	Structural and spectral studies of N-(3-hydroxypyridine-2-yl)-5-hydroxysalicylideneimine and its dimethyltin(IV) complex. Journal of Molecular Structure, 2004, 705, 107-112.	3.6	20
58	Structural and spectroscopic characteristics of two lignans from Taxus baccata L.. Journal of Molecular Structure, 2004, 692, 57-62.	3.6	24
59	Structure of 2-Phenyl-2H-phthalazine-1-one. Analytical Sciences: X-ray Structure Analysis Online, 2004, 20, X157-X158.	0.1	2
60	Structural and spectroscopic characteristics of two new dibenzylbutane type lignans from Taxus baccata L.. Journal of Molecular Structure, 2003, 655, 459-466.	3.6	25
61	Structure and characterization of N-(2-hydroxy-1-naphthylidene)threonine. Journal of Molecular Structure, 2003, 658, 207-213.	3.6	30
62	Synthesis, spectroscopic and structural studies on metal halide complexes of isonicotinamide. Vibrational Spectroscopy, 2003, 31, 41-49.	2.2	47
63	2-Acetylphenyl 5-methylthiophene-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1362-o1363.	0.2	0
64	Crystal Structure of 2,2-Dimethyl Succinic Acid. Analytical Sciences, 2003, 19, 1221-1222.	1.6	3
65	Crystal and Molecular Structures of trans-Nickel(II)-bis[(O-propyl)-( <i>p</i> -methoxyphenyl)dithiophosphonato].. Analytical Sciences, 2002, 18, 1285-1286.	1.6	8
66	trans-Bis[O-2,4-di-tert-butylphenyl (4-methoxyphenyl)dithiophosphonato] $\mu$ -S,S']nickel(II). Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m388-m389.	0.4	5
67	Structural investigation of dibromobis(benzimidazole)Zn(II) complex. Journal of Molecular Structure, 2002, 616, 259-264.	3.6	34
68	Structural features of dibromobis(nicotinamide)zinc(II) complex. Journal of Molecular Structure, 2002, 616, 253-258.	3.6	29
69	Crystal Structure of 2-Dibenzoylmethyl Benzimidazole.. Analytical Sciences, 2001, 17, 1133-1134.	1.6	0
70	Structural features of two taxoids from Taxus baccata L. growing in Turkey. Journal of Molecular Structure, 2001, 559, 227-233.	3.6	10
71	Spectroscopic and structural studies on metal halide complexes of 4-vinylpyridine. Journal of Molecular Structure, 2001, 560, 95-103.	3.6	8
72	Crystal Structure of 3-Pentanone Semicarbazone.. Analytical Sciences, 2000, 16, 667-668.	1.6	13

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73	Molecular structures of metal complexes with mefenamic acid. Journal of Pharmaceutical and Biomedical Analysis, 1999, 21, 975-982.	2.8	25
74	The crystal and molecular structure of (âˆ™)âˆ™Crinine (C16H17NO3). Journal of Chemical Crystallography, 1998, 28, 577-579.	1.1	2
75	Synthesis and characterization of N,Nâ€™-bis(2-thenylidene)-2,2â€™-diaminodiphenyl disulfideag. Pharmaceutica Acta Helvetiae, 1998, 72, 291-294.	1.2	1
76	Spectroscopic and structural studies on Ni-sulfadimethoxine complex. Pharmaceutica Acta Helvetiae, 1998, 72, 295-300.	1.2	6
77	The crystal and molecular structure of two benzimidazole derivatives: 1-(phenylmethyl)-2-(4-methoxyphenylmethyl)-1H-benzimidazole-5-carboxylic acid (I) and 1,2-di-(phenylmethyl)-1H-benzimidazole-5-carboxylic acid (II). Journal of Molecular Structure, 1998, 442, 23-30.	3.6	22
78	Tautomeric investigations and crystal structure analysis of chlorzoxazone. Journal of Chemical Crystallography, 1997, 27, 303-306.	1.1	9
79	The Crystal and Molecular Structure of Two Drug Compounds: Tazettine and Corydaldine. Crystal Research and Technology, 1996, 31, 617-624.	1.3	6
80	The Structural Characterization of Extracellular Polysaccharide from Enterococcus faecium M20. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	3