

Yitzhak Mastai

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5903523/yitzhak-mastai-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

4,584
citations

40
h-index

62
g-index

152
ext. papers

4,958
ext. citations

6.1
avg. IF

5.57
L-index

#	Paper	IF	Citations
141	Hybrid Organic-Inorganic Perovskites (HOIPs): Opportunities and Challenges. <i>Advanced Materials</i> , 2015 , 27, 5102-12	24	325
140	Sonochemical synthesis of amorphous Cu and nanocrystalline Cu ₂ O embedded in a polyaniline matrix. <i>Journal of Materials Chemistry</i> , 2001 , 11, 1209-1213		227
139	Acoustic Cavitation Leading to the Morphosynthesis of Mesoporous Silica Vesicles. <i>Advanced Materials</i> , 2002 , 14, 1414-1418	24	172
138	The Effect of the Preparation Condition of TiO ₂ Colloids on Their Surface Structures. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 4130-4133	3.4	170
137	Silica/Carbon Nanocomposites – A New Concept for the Design of Solar Absorbers. <i>Advanced Functional Materials</i> , 2002 , 12, 197	15.6	122
136	Crystallization in Miniemulsion Droplets. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 5088-5094	3.4	119
135	Preparation and Characteristics of Carbon Nanotubes Filled with Cobalt. <i>Chemistry of Materials</i> , 2000 , 12, 2205-2211	9.6	113
134	Pulsed Sonoelectrochemical Synthesis of Cadmium Selenide Nanoparticles. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10047-10052	16.4	102
133	Sonochemical Hydrolysis of Ga ³⁺ Ions: Synthesis of Scroll-like Cylindrical Nanoparticles of Gallium Oxide Hydroxide. <i>Journal of the American Chemical Society</i> , 1999 , 121, 4196-4199	16.4	98
132	Sonochemical Hydrolysis of In ³⁺ Ions: Formation of Needlelike Particles of Indium Hydroxide. <i>Chemistry of Materials</i> , 2000 , 12, 1229-1233	9.6	97
131	Amino-acid-based chiral nanoparticles for enantioselective crystallization. <i>Advanced Materials</i> , 2015 , 27, 2728-32	24	82
130	Sonochemical Deposition of Air-Stable Iron Nanoparticles on Monodispersed Carbon Spherules. <i>Chemistry of Materials</i> , 2003 , 15, 1378-1384	9.6	82
129	Chiral silicate zeolites. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2062		79
128	Enantioselective crystallization on nanochiral surfaces. <i>Chemical Society Reviews</i> , 2009 , 38, 772-80	58.5	78
127	Enantioselective Crystallization on Chiral Polymeric Microspheres. <i>Advanced Functional Materials</i> , 2007 , 17, 944-950	15.6	70
126	Size Quantization in Electrodeposited CdTe Nanocrystalline Films. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 2685-2690	3.4	68
125	Mesoporous Structures from Supramolecular Assembly of in situ Generated ZnS Nanoparticles. <i>Langmuir</i> , 2003 , 19, 5904-5911	4	67

124	Sonochemical Coating of Nanosized Nickel on Alumina Submicrospheres and the Interaction between the Nickel and Nickel Oxide with the Substrate. <i>Chemistry of Materials</i> , 1999 , 11, 2350-2359	9.6	64
123	Synthesis of Cobalt(II) hydroxide using ultrasound radiation. <i>Journal of Materials Chemistry</i> , 2000 , 10, 511-514		62
122	Enantioselective separation using chiral mesoporous spherical silica prepared by templating of chiral block copolymers. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 1834-42	9.5	61
121	Formation of Unusual 10-Petal BaSO ₄ Structures in the Presence of a Polymeric Additive. <i>Crystal Growth and Design</i> , 2002 , 2, 191-196	3.5	60
120	TiO ₂ Nanocrystalline Pigmented Polyethylene Foils for Radiative Cooling Applications: Synthesis and Characterization. <i>Langmuir</i> , 2001 , 17, 7118-7123	4	59
119	Room Temperature Sonoelectrochemical Synthesis of Molybdenum Sulfide Fullerene-Like Nanoparticles. <i>Advanced Materials</i> , 1999 , 11, 1010-1013	24	57
118	Templating mesoporous silica with chiral block copolymers and its application for enantioselective separation. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 11105-10	3.4	56
117	Olympic Ring Formation from Newly Prepared Barium Hexaferrite Nanoparticle Suspension. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3358-3360	3.4	56
116	The separation of racemic crystals into enantiomers by chiral block copolymers. <i>Chemistry - A European Journal</i> , 2002 , 8, 2429-37	4.8	54
115	Non-magnetic organic/inorganic spin injector at room temperature. <i>Applied Physics Letters</i> , 2014 , 105, 242408	3.4	52
114	Chiral-mesoporous-polypyrrole nanoparticles: Its chiral recognition abilities and use in enantioselective separation. <i>Journal of Materials Chemistry</i> , 2010 , 20, 4085		52
113	Sonochemical synthesis of tungsten sulfide nanorods. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1450-1452		48
112	Effect of solvents on the growth morphology of DL-alanine crystals. <i>CrystEngComm</i> , 2011 , 13, 502-509	3.3	47
111	Preparation and characterization of iron-encapsulating carbon nanotubes and nanoparticles. <i>Journal of Materials Chemistry</i> , 2000 , 10, 2502-2506		47
110	Chiral separation abilities: Aspartic acid block copolymer-imprinted mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2010 , 129, 82-89	5.3	46
109	Miniemulsion polymerization of cyclodextrin nanospheres for water purification from organic pollutants. <i>European Polymer Journal</i> , 2010 , 46, 1671-1678	5.2	46
108	Self-suppression of biofilm formation in the cyanobacterium <i>Synechococcus elongatus</i> . <i>Environmental Microbiology</i> , 2013 , 15, 1786-94	5.2	45
107	A New Fullerene-like Inorganic Compound Fabricated by the Sonolysis of an Aqueous Solution of TiCl ₃ . <i>Journal of the American Chemical Society</i> , 2000 , 122, 4331-4334	16.4	44

106	Control over the structure of ice and water by block copolymer additives. <i>ChemPhysChem</i> , 2002 , 3, 119-232	43	43
105	Formation and optical properties of gold nanoparticles synthesized in the presence of double-hydrophilic block copolymers. <i>Journal of Nanoscience and Nanotechnology</i> , 2004 , 4, 291-8	1.3	43
104	Controlling Chemical Selectivity in Electrocatalysis with Chiral CuO-Coated Electrodes. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 3024-3031	3.8	42
103	Colloidal systems for crystallization processes from liquid phase. <i>CrystEngComm</i> , 2013 , 15, 2175	3.3	41
102	Scanning Tunneling Microscope Induced Crystallization of Fullerene-like MoS ₂ . <i>Journal of the American Chemical Society</i> , 1996 , 118, 7804-7808	16.4	41
101	Chiral soluble polymers and microspheres for enantioselective crystallization. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3009-3017	2.5	40
100	Surface enhanced Raman spectroscopy of aromatic compounds on silver nanoclusters. <i>Surface Science</i> , 2009 , 603, 788-793	1.8	37
99	Binding of Polymers to Calcite Crystals in Water: Characterization by Isothermal Titration Calorimetry. <i>Langmuir</i> , 2003 , 19, 6097-6103	4	36
98	Deposition of tellurium films by decomposition of electrochemically-generated H ₂ Te: application to radiative cooling devices. <i>Thin Solid Films</i> , 2000 , 370, 101-105	2.2	36
97	Enantioselective Nanoporous Carbon Based on Chiral Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 408-12	16.4	36
96	Thin films of silica/carbon nanocomposites for selective solar absorbers. <i>Applied Surface Science</i> , 2005 , 248, 514-517	6.7	35
95	Separation of racemate from excess enantiomer of chiral nonracemic compounds via density gradient ultracentrifugation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2426-7	16.4	33
94	Chiral crystallization of glutamic acid on self assembled films of cysteine. <i>Chirality</i> , 2007 , 19, 358-65	2.1	32
93	Synthesis of dl-Alanine Mesocrystals with a Hollow Morphology. <i>Crystal Growth and Design</i> , 2008 , 8, 3646-3651	3.1	31
92	Microwave-assisted synthesis of submicrometer GaO(OH) and Ga ₂ O ₃ rods. <i>Journal of Nanoparticle Research</i> , 2004 , 6, 509-518	2.3	31
91	Band gap determination of semiconductor powders via surface photovoltage spectroscopy. <i>Journal of Applied Physics</i> , 1999 , 86, 5573-5577	2.5	31
90	Controlling Polymorphism by Crystallization on Self-Assembled Multilayers. <i>Crystal Growth and Design</i> , 2007 , 7, 847-850	3.5	29
89	Environmental impact and potential use of coal fly ash and sub-economical quarry fine aggregates in concrete. <i>Journal of Hazardous Materials</i> , 2018 , 344, 1043-1056	12.8	28

88	Sonochemical synthesis of lead hydroxy bromide needles. <i>Journal of Materials Chemistry</i> , 2000 , 10, 2143-2146	26
87	Surface-enhanced Raman spectroscopy as a probe for orientation of pyridine compounds on colloidal surfaces. <i>Journal of Molecular Structure</i> , 2009 , 935, 92-96	3.4 25
86	Antifreeze Properties of Polyglycidol Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 2256-2261	4.8 25
85	Nanocrystal-Size Control of Electrodeposited Nanocrystalline Semiconductor Films by Surface Capping. <i>Journal of the Electrochemical Society</i> , 2000 , 147, 1435	3.9 25
84	Chiral amplification in crystallization under ultrasound radiation. <i>Chemistry - A European Journal</i> , 2011 , 17, 11139-42	4.8 24
83	Broadband luminescence in defect-engineered electrochemically produced porous Si/ZnO nanostructures. <i>Scientific Reports</i> , 2018 , 8, 6988	4.9 23
82	Sonochemical Synthesis and Characterization of Nanocrystalline Paramelaconite in Polyaniline Matrix. <i>Chemistry of Materials</i> , 2000 , 12, 3892-3895	9.6 23
81	A microwave route for the synthesis of nanoflakes and dendrites-type beta-In ₂ S ₃ and their characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 845-51	1.3 22
80	Entrapped energy in chiral solutions: quantification and information capacity. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 11004-8	3.4 21
79	Redox Behavior of Nanostructured Molybdenum Oxide/Mesoporous Silica Hybrid Materials. <i>Chemistry of Materials</i> , 2003 , 15, 3586-3593	9.6 21
78	Poly-N-acryloyl-(l-phenylalanine methyl ester) hollow core nanocapsules facilitate sustained delivery of immunomodulatory drugs and exhibit adjuvant properties. <i>Nanoscale</i> , 2017 , 9, 14006-14014	7.7 20
77	Isothermal titration calorimetry as a new tool to investigate chiral interactions at crystal surfaces. <i>Chemical Communications</i> , 2011 , 47, 5735-7	5.8 20
76	Physical and chemical changes in coal fly ash during acidic or neutral wastes treatment, and its effect on the fixation process. <i>Fuel</i> , 2016 , 184, 69-80	7.1 20
75	Coal fly ash as a potential fixation reagent for radioactive wastes. <i>Fuel</i> , 2015 , 153, 437-444	7.1 19
74	Synthesis of mesoporous SiO ₂ /ZnO nanocapsules: encapsulation of small biomolecules for drugs and BioZO-plexin for gene delivery. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3 19
73	Enantioselective crystallization of histidine on chiral self-assembled films of cysteine. <i>Journal of Colloid and Interface Science</i> , 2007 , 310, 653-60	9.3 19
72	Activity of short segments of Type I antifreeze protein. <i>Biopolymers</i> , 2007 , 88, 807-14	2.2 18
71	Chiral Metal-Oxide Nanofilms by Cellulose Template Using Atomic Layer Deposition Process. <i>ACS Nano</i> , 2017 , 11, 4753-4759	16.7 16

70	Chiral imprinting in molten gallium. <i>New Journal of Chemistry</i> , 2015 , 39, 2690-2696	3.6	16
69	Preparing a Stable Colloidal Solution of Hydrous YSZ by Sonication. <i>Langmuir</i> , 2001 , 17, 3223-3226	4	16
68	Directing the Viedma ripening of ethylenediammonium sulfate using "Tailor-made" chiral additives. <i>Chemical Communications</i> , 2016 , 52, 12626-12629	5.8	15
67	Induced crystallization of amorphous biosilica to cristobalite by silicatein. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 2104-11	3.4	14
66	Biomimetic Crystallization of L-Cystine Hierarchical Structures. <i>Crystal Growth and Design</i> , 2012 , 12, 4995-5001	3.9	14
65	Enantioselective crystallization in miniemulsions based on chiral surfactants. <i>New Journal of Chemistry</i> , 2008 , 32, 925	3.6	14
64	Controlled crystallization of calcium carbonate superstructures in macroemulsions. <i>Journal of Crystal Growth</i> , 2008 , 310, 3552-3556	1.6	14
63	Characterization of Crystal Chirality in Amino Acids Using Low-Frequency Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 7882-7888	2.8	13
62	Isothermal Titration Calorimetry of Chiral Polymeric Nanoparticles. <i>Chirality</i> , 2015 , 27, 613-8	2.1	13
61	Chiral configuration of the hydration layers of D- and L-alanine in water implied from dilution calorimetry. <i>Chirality</i> , 2010 , 22, 587-92	2.1	13
60	Stabilization of β -glutamic acid on chiral thin films: A theoretical and experimental study. <i>Journal of Crystal Growth</i> , 2008 , 310, 1718-1724	1.6	13
59	Chiral Polymers and Polymeric Particles for Enantioselective Crystallization. <i>Israel Journal of Chemistry</i> , 2018 , 58, 1330-1337	3.4	13
58	Imprinting Chirality in Silica Nanotubes by N-Stearoyl-serine Template. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23356-61	9.5	12
57	Entropic effects and slow kinetics revealed in titrations of D ₂ O-H ₂ O solutions with different D/H ratios. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5755-63	3.4	12
56	Conglomerate crystallization on self-assembled monolayers. <i>Chemical Communications</i> , 2011 , 47, 12161-38	3.8	12
55	The vision of nanochemistry: or is there a promise for specific chemical reactions in nano-restricted environments?. <i>Israel Journal of Chemistry</i> , 2001 , 41, 1-6	3.4	12
54	Mesoporous carbon materials with enantioselective surface obtained by nanocasting for selective adsorption of chiral molecules from solution and the gas phase. <i>Carbon</i> , 2020 , 170, 550-557	10.4	11
53	Chiral thin films of metal oxide. <i>Chemistry - A European Journal</i> , 2013 , 19, 10295-301	4.8	11

52	Synthesis of amino acid block-copolymer imprinted chiral mesoporous silica and its acoustically-induced optical Kerr effects. <i>Journal of Solid State Chemistry</i> , 2012 , 192, 127-131	3.3	11
51	Cysteine sensing by plasmons of silver nanocubes. <i>Journal of Solid State Chemistry</i> , 2016 , 241, 110-114	3.3	10
50	Atomic layer deposition of enantioselective thin film of alumina on chiral self-assembled-monolayer. <i>Surface Science</i> , 2014 , 629, 88-93	1.8	10
49	Structure of water in mesoporous organosilica by calorimetry and inelastic neutron scattering. <i>Surface Science</i> , 2009 , 603, 71-77	1.8	10
48	Bentonite polymer composite for water purification. <i>Bulletin of Materials Science</i> , 2019 , 42, 1	1.7	9
47	Potential of Hazardous Waste Encapsulation in Concrete Compound Combination with Coal Ash and Quarry Fine Additives. <i>Environmental Science & Technology</i> , 2015 , 49, 14146-55	10.3	9
46	Chiral polymeric nanoparticles for aldol reaction. <i>Reactive and Functional Polymers</i> , 2015 , 96, 1-4	4.6	9
45	Isothermal titration calorimetry for chiral chemistry. <i>Chirality</i> , 2018 , 30, 619-631	2.1	9
44	Crystallization of amino acids at the chiral ionic liquid/water interface. <i>CrystEngComm</i> , 2016 , 18, 8769-8775	3.5	9
43	Liquid-Mercury-Supported Langmuir Films of Ionic Liquids: Isotherms, Structure, and Time Evolution. <i>Langmuir</i> , 2016 , 32, 3164-73	4	9
42	Investigation of active crystal morphogenesis peptide sequences from peptide libraries by crystallization on peptide functionalized beads. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 354, 218-225	5.1	9
41	Sub-micrometer polarimetry of chiral surfaces using near-field scanning optical microscopy. <i>Chemical Communications</i> , 2007 , 945-7	5.8	9
40	Amino-Acid-Based Polymerizable Surfactants for the Synthesis of Chiral Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1421-6	4.8	9
39	Solvent-Free Mechanochemical Synthesis of ZnO Nanoparticles by High-Energy Ball Milling of Zn(OH) Crystals. <i>Nanomaterials</i> , 2021 , 11,	5.4	9
38	The effect of sulfated polysaccharides on the crystallization of calcite superstructures. <i>Journal of Crystal Growth</i> , 2012 , 338, 147-151	1.6	8
37	Preparation and coating of molybdenum oxide on alumina submicrospheres by sonochemical method. <i>Journal of Materials Research</i> , 2000 , 15, 393-401	2.5	8
36	Enantioselective Crystallization of Chiral Inorganic Crystals of β -Zn(OH) with Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20924-20929	16.4	8
35	Chiral Purity of Crystals Using Low-Frequency Raman Spectroscopy. <i>ChemPhysChem</i> , 2018 , 19, 3116-3123	3.2	8

34	Chiral templating of alumina nanofilms by the atomic layer deposition process. <i>Chemical Communications</i> , 2016 , 52, 12072-12075	5.8	7
33	Polymorphism stabilization by crystal adsorption on a self-assembled monolayer. <i>CrystEngComm</i> , 2013 , 15, 9203	3.3	7
32	Correlation between structures of chiral polymers and their efficiency for chiral resolution by crystallization. <i>Chirality</i> , 2009 , 21, 862-70	2.1	7
31	Effects antifreeze peptides on the thermotropic properties of a model membrane. <i>Journal of Bioenergetics and Biomembranes</i> , 2008 , 40, 389-96	3.7	7
30	Advanced Nanoporous Materials: Synthesis, Properties, and Applications. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-2	3.2	6
29	The structure and phase diagram of chiral alkyl-serine monolayers on mercury. <i>Soft Matter</i> , 2010 , 6, 526-541	5.1	6
28	Physicochemical evaluation of the effect of natural zeolite modification with didodecyldimethylammonium bromide on the adsorption of Bisphenol-A and Propranolol Hydrochloride. <i>Microporous and Mesoporous Materials</i> , 2021 , 318, 111020	5.3	6
27	Formation of Hierarchical Structures of L-Glutamic Acid with an L-Arginine Additive. <i>Crystal Growth and Design</i> , 2018 , 18, 4054-4059	3.5	5
26	Langmuir films of chiral molecules on mercury. <i>Langmuir</i> , 2009 , 25, 5111-9	4	5
25	Isothermal calorimetry study of the interactions of type I antifreeze proteins with a lipid model membrane. <i>Protein and Peptide Letters</i> , 2010 , 17, 739-43	1.9	5
24	Relationship between the antifreeze activities and the chemical structures of polyols. <i>Journal of Molecular Structure</i> , 2008 , 874, 170-177	3.4	5
23	Gas Phase Bond Formation in Dipeptide Clusters. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 10100-10105	10.1	5
22	Amino acid-based ionic liquids as precursors for the synthesis of chiral nanoporous carbons. <i>Nanoscale Advances</i> , 2019 , 1, 4981-4988	5.1	5
21	CoFe ₂ O ₄ Nano-particles for Radical Oxidative Degradation of High Molecular Weight Polybutadiene. <i>Journal of Polymers and the Environment</i> , 2019 , 27, 827-836	4.5	4
20	Enantioselective nanopore Kohlenstoffe aus chiralen ionischen Flüssigkeiten. <i>Angewandte Chemie</i> , 2016 , 128, 417-421	3.6	4
19	Synthesis of Multi Amino Acid Chiral Polymeric Microparticles for Enantioselective Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000328	2.6	4
18	Bio-inspired synthesis of a hierarchical self-assembled zinc phosphate nanostructure in the presence of cowpea mosaic virus: in vitro cell cycle, proliferation and prospects for tissue regeneration. <i>Biomedical Materials (Bristol)</i> , 2017 , 13, 015013	3.5	4
17	Growth of Hybrid Inorganic/Organic Chiral Thin Films by Sequenced Vapor Deposition. <i>ACS Nano</i> , 2019 , 13, 10397-10404	16.7	3

16	Radical Degradation Processes Initiated by Catalytic Nanoparticles of CoFe ₂ O ₄ Towards Polymer Waste Application. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 3389-3396	4.5	3
15	Neutron scattering study of water confined in periodic mesoporous organosilicas. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1691-1696	3.3	3
14	Enantioselective Colloidosomes Based on Chiral Silica Nanoparticles. <i>ChemNanoMat</i> , 2019 , 5, 710-714	3.5	3
13	Sonochemically Prepared BSA Microspheres as Adsorbents for the Removal of Organic Pollutants from Water. <i>Langmuir</i> , 2021 ,	4	3
12	Polarization Dependence of Low-Frequency Vibrations from Multiple Faces in an Organic Single Crystal. <i>Crystals</i> , 2019 , 9, 425	2.3	2
11	In situ synthesis and catalytic properties of Cu ₂ O nanoparticles based on clay materials and polyethylene glycol. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	2
10	Atomic layer deposition of metal-oxide thin films on cellulose fibers. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 2043-2052	1.6	2
9	Toward Efficient Synthesis of Porous All-Carbon-Based Nanocomposites for Enantiospecific Separation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 24228-24237	9.5	2
8	P-LME polymer nanocapsules stimulate naïve macrophages and protect them from oxidative damage during controlled drug release. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48363	2.9	2
7	Effects of antifreeze protein fragments on the properties of model membranes. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 85-6	3.6	2
6	Photoinduced electro-optics measurements of biosilica transformation to cristobalite. <i>Journal of Solid State Chemistry</i> , 2015 , 226, 231-236	3.3	1
5	Hierarchical Superstructures of l-Glutathione. <i>Crystal Growth and Design</i> , 2018 , 18, 5063-5068	3.5	1
4	Department of Chemistry, Bar-Ilan University (BIU). <i>Israel Journal of Chemistry</i> , 2014 , 54, 1488-1499	3.4	1
3	Crystallization on Self Assembled Monolayers 2012 ,		1
2	Growth of Hybrid Chiral Thin Films by Molecular Layer Deposition Zinc/Cysteine as a Case Study. <i>Advanced Materials Interfaces</i> , 2022 , 9, 2101725	4.6	1
1	Enantioselective Crystallization of Chiral Inorganic Crystals of β -Zn(OH) ₂ with Amino Acids. <i>Angewandte Chemie</i> , 2020 , 132, 21110-21115	3.6	