

# Mohammad Shakir

## List of Publications by Citations

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91  
papers

1,693  
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25  
h-index

35  
g-index

94  
ext. papers

1,911  
ext. citations

3.8  
avg, IF

4.94  
L-index

#	Paper	IF	Citations
91	Photocatalytic degradation of the Paracetamol drug using Lanthanum doped ZnO nanoparticles and their in-vitro cytotoxicity assay. <i>Journal of Luminescence</i> , <b>2016</b> , 176, 159-167	3.8	77
90	Co-precipitation synthesis and characterization of Co doped SnO NPs, HSA interaction via various spectroscopic techniques and their antimicrobial and photocatalytic activities. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 94, 554-565	7.9	74
89	Nano-hydroxyapatite/chitosan-starch nanocomposite as a novel bone construct: Synthesis and in vitro studies. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 80, 282-92	7.9	71
88	Synthesis of samarium-doped zinc oxide nanoparticles with improved photocatalytic performance and recyclability under visible light irradiation. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 2295-2305	3.6	65
87	Synthesis and physico-chemical studies on complexes of 1,2-diaminophenyl-N,N?-bis-(2-pyridinecarboxaldimine), (L): A spectroscopic approach on binding studies of DNA with the copper complex. <i>Polyhedron</i> , <b>2007</b> , 26, 5513-5518	2.7	54
86	Synthesis and spectral characterization of 14- and 16-membered tetraazamacrocyclic Schiff base ligands and their transition metal complexes and a comparative study of interaction of calf thymus DNA with copper(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 73, 622-9	4.4	50
85	Synthesis, spectroscopic and electrochemical studies of N,N-bis[(E)-2-thienylmethylidene]-1,8-naphthalenediamine and its Cu(II) complex: DNA cleavage and generation of superoxide anion. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2011</b> , 104, 449-56	6.7	49
84	Six-coordinate dinuclear hexaazamacrocyclic complexes of nickel(II), copper(II) and zinc(II) with tetraamide group ligands. <i>Transition Metal Chemistry</i> , <b>1994</b> , 19, 606-610	2.1	44
83	Nano-hydroxyapatite/ECD/chitosan nanocomposite for potential applications in bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 93, 276-289	7.9	41
82	Novel Pd(II)-salen complexes showing high in vitro anti-proliferative effects against human hepatoma cancer by modulating specific regulatory genes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10854-64	4.3	41
81	Synthesis and spectroscopic studies on the Schiff base ligand derived from condensation of 2-furaldehyde and 3,3Sdiaminobenzidine, L and its complexes with Co(II), Ni(II), Cu(II) and Zn(II): comparative DNA binding studies of L and its Cu(II) and Zn(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 70, 88-97	4.4	38
80	Synthesis, characterization of complexes of Co(II), Ni(II), Cu(II) and Zn(II) with 12-membered Schiff base tetraazamacrocyclic ligand and the study of their antimicrobial and reducing power. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2006</b> , 65, 490-6	4.4	38
79	Pharmacophore hybrid approach of new modulated bis-diimine Cu(II)/Zn(II) complexes based on 5-chloro Isatin Schiff base derivatives: Synthesis, spectral studies and comparative biological assessment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 157, 39-56	6.7	35
78	Electrical Conductivity, Isothermal Stability, and Ammonia-Sensing Performance of Newly Synthesized and Characterized Organic/Inorganic Polycarbazole/Titanium Dioxide Nanocomposite. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 8035-8044	3.9	35
77	A new synthetic route for the preparation of a new series of 14-22-membered tetraoxamacrocyclic tetraamines and their transition metal complexes. <i>Polyhedron</i> , <b>1995</b> , 14, 1117-1127	2.7	35
76	In vitro DNA binding, molecular docking and antimicrobial studies on a newly synthesized poly(o-toluidine)/titanium dioxide nanocomposite. <i>RSC Advances</i> , <b>2014</b> , 4, 39174	3.7	34
75	Synthesis, spectroscopic studies and crystal structure of the Schiff base ligand L derived from condensation of 2-thiophenecarboxaldehyde and 3,3Sdiaminobenzidine and its complexes with Co(II), Ni(II), Cu(II), Cd(II) and Hg(II): Comparative DNA binding studies of L and its Co(II), Ni(II) and Cu(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 79, 1866-75	4.4	33

74	Resol based chitosan/nano-hydroxyapatite nanoensemble for effective bone tissue engineering. <i>Carbohydrate Polymers</i> , <b>2018</b> , 179, 317-327	10.3	32
73	Template synthesis and physico-chemical characterization of 14-membered tetraimine macrocyclic complexes, [MLX(2)] [M=Co(II), Ni(II), Cu(II) and Zn(II)]. DNA binding study on [CoLCl(2)] complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 72, 591-6	4.4	31
72	Metal ion-directed synthesis of 16-membered tetraazamacrocyclic complexes and their physico-chemical studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2006</b> , 64, 512-7	4.4	31
71	Synthesis and characterization of a nano-hydroxyapatite/chitosan/polyethylene glycol nanocomposite for bone tissue engineering. <i>Polymers for Advanced Technologies</i> , <b>2015</b> , 26, 41-48	3.2	28
70	Highly sensitive and selective detection of picric acid using a one pot biomolecule inspired polyindole/CdS nanocomposite. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5784-5793	3.6	26
69	Synthesis and spectroscopic studies on complexes of N,N'Sbis-(2-pyridinecarboxaldimine)-1,8-diaminonaphthalene (L); DNA binding studies on Cu(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 71, 1851-6	4.4	26
68	Template synthesis and spectroscopic characterization of 16-membered [N4] Schiff-base macrocyclic complexes of Co(II), Ni(II), Cu(II), and Zn(II): in vitro DNA-binding studies. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 3158-3168	1.6	25
67	Template synthesis and physicochemical studies of 14-membered hexaazamacrocyclic complexes with Co(II), Ni(II), Cu(II) and Zn(II): a comparative spectroscopic approach on DNA binding with Cu(II) and Ni(II) complexes. <i>Transition Metal Chemistry</i> , <b>2008</b> , 33, 467-473	2.1	25
66	The photocatalytic, in vitro anthelmintic activity of biomolecule-inspired CDS nanoparticles. <i>Comptes Rendus Chimie</i> , <b>2015</b> , 18, 966-978	2.7	24
65	Structural-Dependent N,O-Donor Imine-Appended Cu(II)/Zn(II) Complexes: Synthesis, Spectral, and in Vitro Pharmacological Assessment. <i>ACS Omega</i> , <b>2020</b> , 5, 1229-1245	3.9	24
64	Fabrication and characterization of nanoengineered biocompatible n-HA/chitosan-tamarind seed polysaccharide: Bio-inspired nanocomposites for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 111, 903-916	7.9	24
63	Synthesis, spectroscopic characterization and biological activities of N,N'S Schiff base ligand and its metal complexes of Co(II), Ni(II), Cu(II) and Zn(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 93, 86-94	4.4	24
62	Synergistic combination of natural bioadhesive bael fruit gum and chitosan/nano-hydroxyapatite: A ternary bioactive nanohybrid for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 119, 215-224	7.9	23
61	Synthesis, spectroscopic characterization and comparative DNA binding studies of Schiff base complexes derived from L-leucine and glyoxal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 82, 31-6	4.4	22
60	Silica-supported NiO nanocomposites prepared via a sol-gel technique and their excellent catalytic performance for one-pot multicomponent synthesis of benzodiazepine derivatives under microwave irradiation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5893-5903	3.6	21
59	Tetraamide macrocyclic complexes of transition metals with ligands derived from hydrazine. <i>Transition Metal Chemistry</i> , <b>1997</b> , 22, 189-192	2.1	21
58	A quinoline-based fluorescent probe for selective detection and real-time monitoring of copper ions - a differential colorimetric approach. <i>Photochemical and Photobiological Sciences</i> , <b>2019</b> , 18, 3008-3013	4.2	21
57	Solvent dependant isatin-based Schiff base sensor as fluorescent switch for detection of Cu <sup>2+</sup> and S <sup>2-</sup> in human blood serum. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 465, 14-25	2.7	19

56	Synthesis and spectral studies of a 12-membered tetraimine macrocyclic ligand and its complexes. <i>Transition Metal Chemistry</i> , <b>2007</b> , 32, 42-46	2.1	19
55	Synthesis, characterization and cytotoxicity of rare earth metal ion complexes of N,N'-bis-(2-thiophenecarboxaldimine)-3,3'-diaminobenzidine, Schiff base ligand. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1102, 108-116	3.4	18
54	Study on immobilization of yeast alcohol dehydrogenase on nanocrystalline Ni-Co ferrites as magnetic support. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 1196-204	7.9	18
53	Trigonella foenum graecum seed polysaccharide coupled nano hydroxyapatite-chitosan: A ternary nanocomposite for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 124, 88-101	7.9	17
52	An inner filter effect based Schiff base chemosensor for recognition of Cr(VI) and ascorbic acid in water matrices. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 293-300	3.6	17
51	Synthesis, spectroscopic characterization and in vitro antimicrobial studies of Schiff base ligand, H2L derived from glyoxalic acid and 1,8-diaminonaphthalene and its Co(II), Ni(II), Cu(II) and Zn(II) complexes. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, 335-343	5.9	16
50	Tetraoxotetraamide macrocyclic complexes. <i>Transition Metal Chemistry</i> , <b>1998</b> , 23, 283-285	2.1	16
49	Mononuclear complexes of manganese(II), iron(II), cobalt(II), nickel(II), copper(II), and zinc(II), with 4-amino-3,5-bis(pyridin-2-yl)-1,2,4 triazole and tris(2-aminoethyl) amine: crystal structure of [Ni(tren)(abpt)](NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> . <i>Transition Metal Chemistry</i> , <b>2004</b> , 29, 196-199	2.1	16
48	Binuclear Transition Metal Complexes of Schiff Base Macrocycles Containing the Furanyl Moiety. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1994</b> , 24, 941-952		16
47	Bioactive Gum Arabic/ECarrageenan-Incorporated Nano-Hydroxyapatite Nanocomposites and Their Relative Biological Functionalities in Bone Tissue Engineering. <i>ACS Omega</i> , <b>2020</b> , 5, 11279-11290	3.9	15
46	Molecular hybridization approach of bio-potent Cu/Zn complexes derived from N, O donor bidentate imine scaffolds: Synthesis, spectral, human serum albumin binding, antioxidant and antibacterial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 165, 96-114	6.7	14
45	Cation supported self-assembly of coordination polymers, [(H <sub>2</sub> en)(ntpMCl <sub>2</sub> ) <sub>n</sub> (M = ZnII, CdII, HgII) involving the tripodal acid, ntp: X-ray crystal structure and DNA binding studies on zinc helicate. <i>Polyhedron</i> , <b>2006</b> , 25, 2929-2934	2.7	14
44	Synthesis, spectroscopic characterization, DNA interaction and antibacterial study of metal complexes of tetraazamacrocyclic Schiff base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 93, 354-62	4.4	13
43	Design and application of a tripodal onBff type chemosensor for discriminative and selective detection of Fe <sup>2+</sup> ions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6161-6167	3.6	12
42	Pharmacologically significant tetraaza macrocyclic metal complexes derived from isatin and 3,4-diaminobenzophenone: Synthesis, spectral studies and comparative in vitro biological assessment. <i>Journal of Chemical Sciences</i> , <b>2017</b> , 129, 1905-1920	1.8	12
41	Syntheses, Physico-Chemical Studies and Antioxidant Activities of Transition Metal Complexes with a Perimidine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 881-886	1.3	12
40	Synthesis and Physico-chemical Studies on a 15-Membered Hexaaza Macrocyclic Ligand Derived from Hydrazine and Its Complexes with Co(II), Ni(II), Cu(II), and Zn(II). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 1135-1148		12
39	Nineteen-membered pentaazamacrocyclic complexes bearing tetraamide groups. <i>Transition Metal Chemistry</i> , <b>1997</b> , 22, 273-276	2.1	11

38	Metal Ion Directed Synthesis of 12 and 14-Membered Tetraaza Macrocyclic Complexes and their Physico-Chemical Studies. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2005</b> , 35, 509-513		11
37	Synthesis, characterization and in vitro screening of a nano-hydroxyapatite/chitosan/Euryale ferox nanoensemble [An inimitable approach for bone tissue engineering. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 363-371	3.6	11
36	Synthesis, spectroscopic, thermal, and antimicrobial studies of tetradentate 12 and 14 member Schiff bases and their complexes with Fe(III), Co(II), and Cu(II). <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 3956-3968	1.6	10
35	Metal-ion directed synthesis of binuclear octaazamacrocyclic complexes of manganese(II), cobalt(II), nickel(II), copper(II) and zinc(II) and their physico-chemical studies. <i>Transition Metal Chemistry</i> , <b>2007</b> , 32, 706-710	2.1	9
34	Synthesis and Characterization of Hexaazamacrocyclic Complexes with Co(II), Ni(II), Cu(II), and Zn(II) Derived from Phthalaldehyde and 2,6-Diaminopyridine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 809-818		9
33	Bioactive Phoenix dactylifera seeds incorporated chitosan/hydroxyapatite nanoconjugate for prospective bone tissue engineering applications: A bio-synergistic approach. <i>Materials Science and Engineering C</i> , <b>2020</b> , 109, 110554	8.3	9
32	Metal Ion Promoted Synthesis of Hexaaza[17]paracyclophane Derived from Terephthalaldehyde Involving Co(II), Ni(II), Cu(II), and Zn(II) and Their Physico-chemical Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 797-808		7
31	Self-condensation of ortho-aminobenzoic acid in the presence of metal ions. <i>Polyhedron</i> , <b>1996</b> , 15, 2869-2873		7
30	Gum acacia-based silver nanoparticles as a highly selective and sensitive dual nanosensor for Hg(ii) and fluorescence turn-off sensor for S and malachite green detection.. <i>RSC Advances</i> , <b>2020</b> , 10, 3137-3144	2.7	6
29	Synthesis, physico-chemical and DNA interactive studies of l-tryptophan based mononuclear Schiff base complexes of first transition metal series. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 315-324	4.3	6
28	Hybrid pharmacophore approach for bio-relevant di-imines based homobimetallic complexes incorporating functionalized dicarboxylates as co-ligands: Synthesis, spectral and structural activity dependent biological insights (in-vitro DNA and HSA binding, antioxidant and cytotoxicity). <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 174, 106-125	6.7	6
27	Synthesis and characterization of pharmacologically active 18-membered tetraamide macrocyclic complexes of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II): In vitro antimicrobial, anticancer screening, DNA interaction and docking studies. <i>Inorganic and Nano-Metal Chemistry</i> , <b>2017</b> , 47, 576-590	1.2	6
26	Synthesis and Physico-Chemical Studies on 18-Membered Octaazamacrocyclic Complexes of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II) Ions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 1305-1318		6
25	Hydroxyapatite Nanoparticles Fortified Xanthan Gum-Chitosan Based Polyelectrolyte Complex Scaffolds for Supporting the Osteo-Friendly Environment.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 7133-7146	4.1	6
24	Synthesis of 14-Membered Pentaazabis(Macrocyclic) Complexes of Co(II), Ni(II), Cu(II), and Zn(II) Derived from Hydrazine and Their Physico-chemical Studies. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2003</b> , 33, 1367-1379		5
23	In vivo cytotoxicity, molecular docking and study of yeast alcohol dehydrogenase on polycarbazole-titanium dioxide nanocomposite. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 134, 79-88		5
22	Pharmacologically bio-relevant N-functionalized homo-binuclear macrocyclic complexes: synthesis, spectral studies, biological screening, HSA binding, and molecular docking. <i>Inorganic and Nano-Metal Chemistry</i> , <b>2019</b> , 49, 413-430	1.2	4
21	Design, synthesis and theoretical analysis of functionalized dicarboxylate moieties based on organotin(IV) dinuclear complexes: crystal structure elucidation and biological studies. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 2625-2643	1.6	4

20	Synthesis, Physicochemical, and Antimicrobial Screening Studies of Complexes of Co(II), Ni(II), Cu(II), and Zn(II) with 18-membered Schiff Base Octaazamacrocyclic Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2010</b> , 40, 861-868		4
19	Synthesis, Spectroscopic Characterization, and In Vitro Antimicrobial Screening of 16-Membered Tetraazamacrocyclic Schiff-Base Ligand and its Complexes with Co(II), Ni(II), Cu(II), and Zn(II) Ions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 979-986		4
18	Synthesis and Physico-Chemical Studies on 14- and 16-Membered Octaazamacrocyclic Complexes Derived from Hydrazine with Co(II), Ni(II), Cu(II), and Zn(II). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2003</b> , 33, 1569-1583		3
17	Template Synthesis and Characterization of Rhodium(III), Iridium-(III) and Platinum(II) Tetraazamacrocyclic Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1995</b> , 25, 1671-1684		3
16	Synthesis and electrochemical studies of a new series of pendantarmed hexaazamacrocyclic transition metal complexes. <i>Transition Metal Chemistry</i> , <b>1996</b> , 21, 162-165	2.1	3
15	Coordinating Behaviour of 4-Cyano-5-Aminopyrazole Ligand: Synthesis and Physico-Chemical Studies of Some Transition Metal Complexes ML <sub>4</sub> Cl <sub>2</sub> (M = Fe, Co, Ni, Cu, L = HCNNH <sub>2</sub> pz). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1990</b> , 20, 1241-1251		3
14	Template Synthesis and Physicochemical Studies of 14-Membered Functionalized Pendant Arm Schiff-Base Macrocyclic Complexes of Co(II), Ni(II), Cu(II), and Zn(II): DNA Binding Studies on a Cu(II) Complex. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 1056-1062		2
13	Interaction of manganese(II), iron(II), cobalt(II), nickel(II), copper(II) and zinc(II) with acetylhydrazine, formed in situ; first crystal structure of tris(acetylhydrazine) nickel(II) perchlorate. <i>Transition Metal Chemistry</i> , <b>2004</b> , 29, 916-920	2.1	2
12	Cobalt(II), Nickel(II), Copper(II) and Zinc(II) Complexes of 14 to 16-Membered Tetraazamacrocycles Bearing Diamide Groups Synthesis and Characterization. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1996</b> , 26, 1035-1052		2
11	Synthesis and Characterization of 14-to 16-Membered Tetraazamacrocyclic Transition Metal Complexes Bearing Diamide Groups. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1996</b> , 26, 855-870		2
10	Incorporation of peptide bonds in the synthesis of polyazamacrocyclic complexes. <i>Transition Metal Chemistry</i> , <b>1996</b> , 21, 283-286	2.1	2
9	Synthesis and characterization of Cyclodextrin/carboxymethyl chitosan/hydroxyapatite fused with date seed extract nanocomposite scaffolds for regenerative bone tissue engineering. <i>Materials Advances</i> , <b>2021</b> , 2, 5723-5736	3.3	2
8	Exploring the bone regeneration potential of bio-fabricated nano-titania reinforced polyvinyl alcohol / nano-cellulose based composite film. <i>Results in Materials</i> , <b>2021</b> , 12, 100240	2.3	1
7	Highly Selective and Sensitive Benzimidazole Based Bifunctional Sensor for Targeting Inedible Azo Dyes in Red Chilli, Red Food Color, Turmeric Powder, and Cu(II) in Coconut Water. <i>Journal of Fluorescence</i> , <b>2021</b> , 31, 1353-1361	2.4	1
6	Simple One-step Solid-state Synthesis of Highly Crystalline N Doped Carbon Dots As Selective Turn Off-sensor for Picric Acid and Metanil Yellow.. <i>Journal of Fluorescence</i> , <b>2022</b> , 1	2.4	1
5	Extraction processes for deriving cellulose: A comprehensive review on green approaches. <i>Polymers for Advanced Technologies</i> ,	3.2	1
4	Metal Ion Directed Synthesis of 20-Membered Octaaza Macrocyclic Complexes of Co(II), Ni(II), Cu(II), and Zn(II) and Their Physico-chemical Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2004</b> , 34, 847-858		
3	Synthesis and Spectroscopic Studies of Bis(Macrocyclic) Dimetal(II) Complexes Based on 14- and 18-Membered Pentaaza Units. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1998</b> , 28, 135-151		

- 2 Synthesis and Spectroscopic Studies of Octmzatetwone Macrocyclic Complexes. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1998**, 28, 153-163
- 1 Organotin Transition Metal Complexes of 18-Membered Binuclear Hexaazamacrocycles: Synthesis and Characterization. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1996**, 26, 509-528