

Haq Nawaz Sheikh

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papers

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11
h-index

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74
ext. papers

622
ext. citations

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L-index

#	Paper	IF	Citations
72	A Series of Lanthanide-Based Metal-Organic Frameworks Derived from Furan-2,5-dicarboxylate and Glutarate: Structure-Corroborated Density Functional Theory Study, Magnetocaloric Effect, Slow Relaxation of Magnetization, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 7760-7774	5.1	42
71	A series of 3D lanthanide coordination polymers decorated with a rigid 3,5-pyridinedicarboxylic acid linker: syntheses, structural diversity, DFT study, Hirshfeld surface analysis, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2018 , 47, 12318-12336	4.3	33
70	2,5-Furandicarboxylic acid as a linker for lanthanide coordination polymers: the role of heteroaromatic π -stacking and hydrogen bonding. <i>New Journal of Chemistry</i> , 2019 , 43, 2179-2195	3.6	25
69	Self-assembly of coordination polymers of Pr(III), Nd(III), Tb(III), Dy(III) and Ho(III) with 5-hydroxyisophthalic acid and adipic acid: Syntheses, structures, porosity, luminescence and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2017 , 255, 61-69	3.3	19
68	Lanthanide-based entangled coordination polymers connected by thiophene-2,5-dicarboxylate: solvothermal syntheses, crystal structures, luminescence and magnetic properties. <i>CrystEngComm</i> , 2016 , 18, 3617-3634	3.3	19
67	Studies on hydrothermal synthesis of photoluminescent rare earth (Eu 3+ & Tb 3+) doped NG@FeMoO ₄ for enhanced visible light photodegradation of methylene blue dye. <i>Solid State Sciences</i> , 2018 , 76, 38-47	3.4	18
66	Lanthanide Contraction in Action: Structural Variations in 13 Lanthanide(III) Thiophene-2,5-dicarboxylate Coordination Polymers (Ln = La-Lu, Except Pm and Tm) Featuring Magnetocaloric Effect, Slow Magnetic Relaxation, and Luminescence-Lifetime-based Thermometry. <i>Solid State Sciences</i> , 2018 , 76, 100-110	3.5	16
65	Magnetic, luminescence, topological and theoretical studies of structurally diverse supramolecular lanthanide coordination polymers with flexible glutaric acid as a linker. <i>New Journal of Chemistry</i> , 2019 , 43, 14546-14564	3.6	15
64	Hydrothermal synthesis, characterization and luminescent properties of lanthanide-doped NaLaF ₄ nanoparticles. <i>Bulletin of Materials Science</i> , 2016 , 39, 943-952	1.7	14
63	Synthesis, characterization and optical properties of cobalt and lanthanide doped CdS nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7073-7080	2.1	13
62	Room temperature aqueous phase synthesis and characterization of novel nano-sized coordination polymers composed of copper(II), nickel(II), and zinc(II) metal ions with p-phenylenediamine (PPD) as the bridging ligand. <i>Journal of Nanostructure in Chemistry</i> , 2013 , 3, 1	7.6	12
61	Facile hydrothermal synthesis of nanocomposites of nitrogen doped graphene with metal molybdates (NG-MMoO ₄) (M=Mn, Co, and Ni) for enhanced photodegradation of methylene blue. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9423-9434	2.1	11
60	Solvothermal synthesis and structure of coordination polymers of Nd(III) and Dy(III) with rigid isophthalic acid derivatives and flexible adipic acid. <i>Journal of Molecular Structure</i> , 2017 , 1150, 438-446	3.4	11
59	Sonochemical synthesis of a novel nanorod diaqua(pyridine-2,6-dicarboxylato)copper(II) 3-D supramolecular network: new precursor to prepare pure phase nanosized copper(II) oxide. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3917-3931	1.6	10
58	An efficient down conversion luminescent probe based on a NaGdF ₄ :Eu ³⁺ /Ce ³⁺ nanophosphor for chemical sensing of heavy metal ions (Cd ²⁺ , Pb ²⁺ and Cr ³⁺) in waste water. <i>New Journal of Chemistry</i> , 2020 , 44, 1009-1020	3.6	10
57	Nitrogen-doped graphene-cerium oxide (NG-CeO ₂) photocatalyst for the photodegradation of methylene blue in waste water. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 467-473	1.5	10
56	Synthesis of eight isostructural 2D lanthanide coordination polymers assembled by rigid furan-2,5-dicarboxylic acid and flexible adipic acid as linkers and exploration of luminescent Eu/Tb polymers as efficient and sensitive sensors for nitroaromatic compounds. <i>New Journal of Chemistry</i> , 2020 , 44, 8125-8137	3.6	9

55	Hydrothermal synthesis of magnetic Fe ₃ O ₄ /Nitrogen-doped graphene hybrid composite and its application as photocatalyst in degradation of methyl orange and methylene blue dyes in presence of copper (II) ions. <i>Chemical Papers</i> , 2018 , 72, 1181-1192	1.9	9
54	Surfactant mediated hydrothermal synthesis, characterization and luminescent properties of GdPO ₄ :Ce ³⁺ /Tb ³⁺ @GdPO ₄ core shell nanorods. <i>Materials Research Bulletin</i> , 2016 , 80, 150-158	5.1	9
53	Surfactant Assisted Sonochemical Synthesis and Characterization of Gadolinium Doped Zinc Oxide Nanoparticles. <i>Acta Chimica Slovenica</i> , 2015 , 62, 849-58	1.9	9
52	Nitrogen Doped Graphene Nickel Ferrite Magnetic Photocatalyst for the Visible Light Degradation of Methylene Blue. <i>Acta Chimica Slovenica</i> , 2017 , 64, 170-178	1.9	9
51	Solvent induced synthesis, structure and properties of coordination polymers based on 5-hydroxyisophthalic acid as linker and 1,10-phenanthroline as auxiliary ligand. <i>Journal of Solid State Chemistry</i> , 2015 , 231, 239-247	3.3	8
50	Synthesis and Crystal Structure of Coordination Polymers of Yttrium and Holmium with Hydrogen Succinate and Benzene-1,3-disulphonate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 1077-1085	3.2	8
49	Synthesis and characterization of some oxodiperoxo molybdenum(VI) complexes of Morpholinomethyl urea and related ligands. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 724-727	1.5	8
48	Syntheses, Crystal Structure, Luminescence, Porosity and Magnetic Properties of Three-Dimensional Lanthanide Coordination Polymers with 2-Aminoterephthalic Acid. <i>ChemistrySelect</i> , 2016 , 1, 4489-4501	1.8	6
47	Tuning of photoluminescence intensity of europium doped sodium yttrium fluorides synthesized via hydrothermal route. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 14256-14268	2.1	6
46	Synthesis and characterization of oxodiperoxo complexes of tungsten(VI) with some Mannich base ligands. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 426-434	1.6	6
45	Synthesis, Structural and Optical Characterization of Copper and Rare Earth doped CdS Nanoparticles. <i>Acta Chimica Slovenica</i> , 2016 , 63, 104-12	1.9	6
44	Organic additive assisted hydrothermal synthesis and photoluminescence properties of CeF ₃ :Tb ³⁺ and NaCeF ₄ :Tb ³⁺ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11671-11681	2.1	5
43	Coordination polymers of manganese(II), cobalt(II), nickel(II) and cadmium(II) decorated with rigid pyrazine-2,3-dicarboxylic acid linker: Synthesis, structural diversity, DFT study and magneto-luminescence properties. <i>Polyhedron</i> , 2020 , 187, 114629	2.7	5
42	Synthesis, crystal structure, photoluminescence, and DFT studies of bis(1,10-phenanthroline)dinitratocadmium(II) [Cd(phen) ₂ (NO ₃) ₂]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 129, 392-9	4.4	5
41	Peroxo Complexes of Molybdenum(VI) Containing Mannich Base Ligands. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 311-316	4.9	5
40	Supramolecular coordination polymers of La(III), Ce(III), Sm(III), Gd(III) and Eu(III) decorated with rigid 5-hydroxy-1,3-benzenedicarboxylate and flexible hexane-1,6-dicarboxylate linkers: Syntheses, structures, DFT study, luminescence and magnetic properties. <i>Polyhedron</i> , 2017 , 134, 153-165	2.7	4
39	Hydrothermal synthesis of manganese oxide and nitrogen doped graphene (NG-MnO ₂) nanohybrid for visible light degradation of methyl orange dye. <i>Molecular Physics</i> , 2019 , 117, 2477-2486	1.7	4
38	Hydrothermal Synthesis, Crystal Structure and Characterization of New Coordination Polymer [Co ₂ (pydc) ₂ (H ₂ O) ₆]·nH ₂ O. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 897-906	3.2	4

37	Hydrothermal synthesis and crystal structure of novel bis(6-carboxypyridine-2-carboxylato-BO ₂ N ₂ O ₆)nickel(II) trihydrate, Ni(Hpydc) ₂ ·3H ₂ O. <i>Acta Crystallographica Section B: Structural Science</i> , 2012 , 68, 619-24		4
36	Synthesis and Characterization of Group-6 Metal Carbonyl Complexes of Aroyl Hydrazone Derivatives. <i>E-Journal of Chemistry</i> , 2012 , 9, 807-817		4
35	Synthesis and characterization of composites of mixed oxides of iron and neodymium in polymer matrix of aniline-formaldehyde. <i>Bulletin of Materials Science</i> , 2011 , 34, 843-851	1.7	4
34	Solvothermal Synthesis of ZnO-Nitrogen Doped Graphene Composite and its Application as Catalyst for Photodegradation of Organic Dye Methylene Blue. <i>Acta Chimica Slovenica</i> , 2018 , 65, 319-327 ¹⁻⁹		4
33	Solvothermal synthesis and structure of 3D frameworks of Nd(III) and Y(III) with thiophene-2,5-dicarboxylate and N,N'-diethylformamide. <i>Journal of Molecular Structure</i> , 2016 , 1118, 241-249	3-4	4
32	Synthesis and structure of coordination polymers of praseodymium(III) and erbium(III) with hydrogen maleate and benzene-1,3-disulfonate as linkers. <i>Monatshefte Für Chemie</i> , 2016 , 147, 349-357	1.4	3
31	Synthesis, crystal structure, and porosity of 1D coordination polymer of neodymium(III) with isonicotinic acid and dimeric complex of neodymium(III) with nicotinic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 469-480	1.6	3
30	Synthesis and characterization of bi-functional magneto-luminescent Fe ₃ O ₄ @SiO ₂ @NaLuF ₄ :Eu ³⁺ hybrid core/shell nanospheres. <i>Journal of Chemical Sciences</i> , 2016 , 128, 1149-1155	1.8	3
29	Synthesis and characterization of peroxo complexes of uranium(VI) with some Mannich base ligands. <i>Monatshefte Für Chemie</i> , 2012 , 143, 91-99	1.4	3
28	Dinuclear peroxo complexes of molybdenum(VI) containing Mannich base ligands. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 3256-3267	1.6	3
27	A down converting serine-functionalised NaYF ₄ :Ce ³⁺ /Gd ³⁺ /Eu ³⁺ @NaGdF ₄ :Tb ³⁺ photoluminescent probe for chemical sensing of explosive nitroaromatic compounds. <i>New Journal of Chemistry</i> , 2020 , 44, 19908-19923	3.6	3
26	PEI functionalized NaCeF ₄ :Tb/Eu for photoluminescence sensing of heavy metal ions and explosive aromatic nitro compounds.. <i>RSC Advances</i> , 2021 , 11, 19333-19350	3.7	3
25	Green hydrothermal synthesis and optical properties of EGd ₂ S ₃ nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2016 , 6, 653-658	3.3	2
24	Synthesis and characterization of isothiocyanato complexes of dioxotungsten(VI) with mannich base ligands: Precursors for the preparation of pure phase nanosized tungsten(VI) trioxide: Dioxotungsten(VI) isothiocyanato complexes with mannich bases: precursors for WO ₃ . <i>Journal of Saudi Chemical Society</i> , 2016 , 20, 291-302	4.3	2
23	Additive assisted hydrothermal synthesis, characterization and optical properties of one dimensional DyPO ₄ :Ce ³⁺ nanostructures. <i>Solid State Sciences</i> , 2018 , 79, 58-70	3.4	2
22	Hydrothermal synthesis, structure, and porosity studies of coordination polymer [Na ₂ (H ₂ O) ₈ Cu(pydc) ₂] _n . <i>Monatshefte Für Chemie</i> , 2014 , 145, 447-455	1.4	2
21	Hydrothermal synthesis, structure, porosity, and luminescent properties of 3D coordination polymer of holmium with 1,4-phenylenediacetic acid [Ho ₂ (PDA) ₃ (H ₂ O)] _n · nH ₂ O. <i>Monatshefte Für Chemie</i> , 2015 , 146, 47-55	1.4	2
20	Synthesis and characterization of peroxo complexes of uranium(VI) with aroylhydrazone ligands. <i>Journal of Saudi Chemical Society</i> , 2014 , 18, 494-501	4.3	2

19	Mixed ligand complexes of tungsten(VI) containing aroyl hydrazones and isothiocyanate. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 2334-2339	1.6	2
18	Asparagine modified downconversion NaGdF ₄ :Dy ³⁺ /Tb ³⁺ nanophosphor for selective and sensitive detection of Cu(II) ion. <i>New Journal of Chemistry</i> , 2021 , 45, 15392-15404	3.6	2
17	Solvothermal self assembly of three lanthanide(III)-succinates: Crystal structure, topological analysis and DFT calculations on water channel. <i>Journal of Molecular Structure</i> , 2021 , 1245, 131094	3.4	2
16	Surfactant-assisted sacrificial template-mediated synthesis, characterization and photoluminescent properties of (hbox {LaPO}_{4}:hbox {Eu}^{3+}) phosphor. <i>Journal of Chemical Sciences</i> , 2017 , 129, 753-764 ¹⁸	1.8	1
15	BaLaF ₅ , BaLaF ₅ :Eu ³⁺ , BaLaF ₅ :Eu ³⁺ /Tb ³⁺ and BaLaF ₅ :Eu ³⁺ @BaLaF ₅ :Gd ³⁺ core/shell nanoplates: hydrothermal synthesis, luminescence and magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 4084-4092	2.1	1
14	Synthesis and Characterization of Nanocomposites of Mixed Oxides of Iron and Cerium in a Polymer Matrix. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 892-901		1
13	Hydrothermal synthesis and crystal structure of a supramolecular dinuclear cobalt(II) complex containing the dianion of pyridine-2,6-dicarboxylic acid. <i>Monatshefte Für Chemie</i> , 2013 , 144, 1807-1813	1.4	1
12	Diperoxo Complexes of Vanadium(V) Containing Mannich Base Ligands. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 53-58	4.9	1
11	Dipyridinium tetrakisothiocyanatodioxotungstate(VI) and related compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007 , 33, 272-278	1.6	1
10	Synthesis and characterization of tungsten carbonyl complexes containing N-methyl substituted urea and thiourea ligands. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1395-1402	1.6	1
9	Solvothermal synthesis and crystal structures of two Holmium(III)-5-Hydroxyisophthalate entangled coordination polymers and theoretical studies on the importance of π -stacking interactions. <i>Journal of Molecular Structure</i> , 2022 , 1254, 132329	3.4	1
8	Citric acid-assisted terbium-doped cerium molybdate nanoparticles as photoluminescent probe for selective and sensitive detection of Pb ²⁺ ion in aqueous solution. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 26821	2.1	1
7	Lanthanide coordination polymers functionalized by 5-nitroisophthalic acid: Synthesis, structure-DFT correlation and photoluminescent sensor of Cd ²⁺ ion. <i>Journal of Solid State Chemistry</i> , 2022 , 123229	3.3	1
6	Hybrid photoluminescent material from lanthanide fluoride and graphene oxide with strong luminescence intensity as a chemical sensor for mercury ions. <i>New Journal of Chemistry</i> , 2022 , 46, 6528-6538 ²⁶	2.6	0
5	Sacrificial template synthesis and characterization of photoluminescent silver sulfide nanochains. <i>Monatshefte Für Chemie</i> , 2016 , 147, 665-670	1.4	
4	Peroxo complexes of uranium(VI) containing nitrogen and oxygen donor ligands. <i>Russian Journal of Inorganic Chemistry</i> , 2012 , 57, 1079-1088	1.5	
3	Magnetic nanocomposites of mixed oxides of iron and barium synthesized under different oxidative environments. <i>Inorganic Materials</i> , 2008 , 44, 990-1008	0.9	
2	Preparation and characterization of oxoperoxo tungsten(VI) complexes with morpholinomethyl urea and related ligands. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 197-202	1.5	

- 1 Synthesis and characterization of cyano complexes of oxotungsten(IV) with morpholinomethyl urea and related ligands. *Russian Journal of Inorganic Chemistry*, **2006**, 51, 1445-1450 1.5