

Jing-Yun Wu

List of Publications by Year in descending order

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304368

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docs citations

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times ranked

1658
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#	ARTICLE	IF	CITATIONS
1	Self-Assembly, Reorganization, and Photophysical Properties of Silver(I)-Schiff-Base Molecular Rectangle and Polymeric Array Species. <i>Inorganic Chemistry</i> , 2006, 45, 295-303.	1.9	139
2	Influence of Water Content on the Self-Assembly of Metal-Organic Frameworks Based on Pyridine-3,5-dicarboxylate. <i>Inorganic Chemistry</i> , 2006, 45, 2430-2437.	1.9	106
3	Unusual Robust Luminescent Porous Frameworks Self-Assembled from Lanthanide Ions and 2,2'-Bipyridine-4,4'-dicarboxylate. <i>Crystal Growth and Design</i> , 2006, 6, 467-473.	1.4	95
4	CH ₃ -A ⁺ ⋯I ⁻ Interaction for Rhenium-Based Rectangles: An Interaction That Is Rarely Designed into a Host-Guest Pair. <i>Inorganic Chemistry</i> , 2006, 45, 8070-8077.	1.9	55
5	Influence of Counteranions on the Structural Modulation of Silver-Di(3-pyridylmethyl)amine Coordination Polymers. <i>Crystal Growth and Design</i> , 2013, 13, 2953-2964.	1.4	54
6	Solvent-Induced Controllable Supramolecular Isomerism: Phase Transformation, CO ₂ Adsorption, and Fluorescence Sensing toward CrO ₄ ²⁻ , Cr ₂ O ₇ ²⁻ , MnO ₄ ⁻ , and Fe ³⁺ . <i>Inorganic Chemistry</i> , 2020, 59, 9095-9107.	1.9	49
7	Unusual face-to-face π-π stacking interactions within an indigo-pillared M ₃ (tpt)-based triangular metalloprism. <i>Dalton Transactions</i> , 2008, , 6110.	1.6	48
8	Formation of Infinite Linear Mercury Metal Chains Assisted by Face-to-Face π-π (Aryl-Aryl) Stacking Interactions. <i>Crystal Growth and Design</i> , 2009, 9, 258-262.	1.4	47
9	Development of Polynuclear Molecular Wires Containing Ruthenium(II) Terpyridine Complexes. <i>Organometallics</i> , 2004, 23, 3921-3930.	1.1	44
10	New Polyoxygenated Briarane Diterpenoids, Brialexavatolides O ₄ R, from the Gorgonian Briareum excavatum. <i>Journal of Natural Products</i> , 2001, 64, 1415-1420.	1.5	42
11	Time-Evolving Self-Organization and Autonomous Structural Adaptation of Cobalt(II)-Organic Framework Materials with scu and pts Nets. <i>Chemistry - A European Journal</i> , 2008, 14, 7136-7139.	1.7	39
12	Alkali Metal Cation (K ⁺ , Cs ⁺) Induced Dissolution/Reorganization of Porous Metal Carboxylate Coordination Networks in Water. <i>Chemistry - A European Journal</i> , 2009, 15, 3604-3614.	1.7	39
13	Highly Emissive Cyclometalated Rhenium Metallacycles: Structure-Luminescence Relationship. <i>Inorganic Chemistry</i> , 2010, 49, 6805-6807.	1.9	37
14	Control of Light-Promoted [2+2] Cycloaddition Reactions by a Remote Ancillary Regulatory Group That Is Covalently Attached to Rhenium Rectangles. <i>Chemistry - A European Journal</i> , 2012, 18, 15714-15721.	1.7	32
15	Luminescent Zn(II) coordination polymers as efficient fluorescent sensors for highly sensitive detection of explosive nitroaromatics. <i>CrystEngComm</i> , 2018, 20, 6762-6774.	1.3	32
16	From 1D Helix to 0D Loop: Nitrite Anion Induced Structural Transformation Associated with Unexpected <i>trans</i> -Nitrosation of Amine Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 5581-5588.	1.9	31
17	Aggregate of Alkoxy-Bridged Re(I)-Rectangles as a Probe for Photoluminescence Quenching. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10953-10960.	1.1	30
18	Unprecedented Reduction of 2,2'-Bipyrimidine in a One-Pot Synthesis of Neutral Rhenium(I)-Based Molecular Rectangles. <i>Organometallics</i> , 2008, 27, 2141-2144.	1.1	29

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19	Synthesis, Structure, and Dye Adsorption Properties of a Nickel(II) Coordination Layer Built from d-Camphorate and Bispyridyl Ligands. <i>Polymers</i> , 2017, 9, 661.	2.0	28
20	Homochiral transition-metal camphorate coordination architectures containing α -piperazine-pyridine ligands. <i>CrystEngComm</i> , 2011, 13, 2062.	1.3	26
21	A highly stable Zn coordination polymer exhibiting pH-dependent fluorescence and as a visually ratiometric and on/off fluorescent sensor. <i>CrystEngComm</i> , 2021, 23, 5226-5240.	1.3	26
22	A highly stable luminescent coordination polymer for sensing of volatile iodine and its metal-ion exchange properties with Cu ²⁺ ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112256.	2.0	24
23	Fluorescent Cadmium Bipillared Layer Open Frameworks: Synthesis, Structures, Sensing of Nitro Compounds, and Capture of Volatile Iodine. <i>Chemistry - A European Journal</i> , 2019, 25, 1337-1344.	1.7	23
24	From lamellar net to bilayered-lamella and to porous pillared-bilayer: reversible crystal-to-crystal transformation, CO ₂ adsorption, and fluorescence detection of Fe ³⁺ , Al ³⁺ , Cr ³⁺ , MnO ₄ ²⁻ , and Cr ₂ O ₇ ²⁻ in water. <i>Dalton Transactions</i> , 2020, 49, 14201-14215.	1.6	22
25	Correlation of Mesh Size of Metal-Carboxylate Layer with Degree of Interpenetration in Pillared-Layer Frameworks. <i>Crystal Growth and Design</i> , 2014, 14, 5608-5616.	1.4	21
26	Direct Guest Exchange Induced Single-Crystal to Single-Crystal Transformation Accompanying Irreversible Crystal Expansion in Soft Porous Coordination Polymers. <i>Crystal Growth and Design</i> , 2015, 15, 4266-4271.	1.4	20
27	Reversible Single-Crystal to Single-Crystal Transformations of a Zn(II)-Salicyaldimine Coordination Polymer Accompanying Changes in Coordination Sphere and Network Dimensionality upon Dehydration and Rehydration. <i>Inorganic Chemistry</i> , 2015, 54, 10918-10924.	1.9	20
28	Self-Recognition of 3D Porous Frameworks: Fourfold Diamondoid or Threefold Cuboidal Interpenetrating Nets Formed by Varying Pillar Motifs. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 259-265.	1.9	18
29	Synthesis, characterization and structural transformation of a discrete tetragonal metallopriam. <i>Dalton Transactions</i> , 2012, 41, 156-164.	1.6	18
30	Host-guest key-lock hydrogen-bonding interactions: a rare case in the design of a V-shaped polycarboxylate Ni(II)-based chiral coordination polymer. <i>CrystEngComm</i> , 2013, 15, 9798.	1.3	18
31	Concomitant Crystallization of Genuine Supramolecular Isomeric Rhombus Grid and Ribbon. <i>Crystal Growth and Design</i> , 2014, 14, 4321-4328.	1.4	18
32	Luminescent Zinc(II) Coordination Polymers of Bis(pyridin-4-yl)benzothiadiazole and Aromatic Polycarboxylates for Highly Selective Detection of Fe(III) and High-Valent Oxyanions. <i>Crystal Growth and Design</i> , 2021, 21, 2056-2067.	1.4	18
33	Ag ₄ L ₂ Nanocage as a Building Unit toward the Construction of Silver Metal Strings. <i>Inorganic Chemistry</i> , 2008, 47, 10349-10356.	1.9	17
34	Positional isomerism of unsymmetrical semirigid ligands toward the construction of discrete and infinite coordination architectures of zinc(II) and cadmium(II) complexes. <i>CrystEngComm</i> , 2014, 16, 3128.	1.3	17
35	Hydrogen bond-organized two-fold interpenetrating homochiral pcu net. <i>CrystEngComm</i> , 2012, 14, 1189-1192.	1.3	16
36	Ligand dissociation/recoordination in fluorescent ionic zinc-salicylideneimine compounds: synthesis, characterization, photophysical properties, and 1H NMR studies. <i>Dalton Transactions</i> , 2013, 42, 15169.	1.6	16

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37	The influence of linker substitution on the fluorescence responsive sensing of isostructural coordination polymers: visual turn-on, ratiometric, and turn-off sensing in water. <i>CrystEngComm</i> , 2021, 23, 2222-2234.	1.3	16
38	A thiadiazole-functionalized Zn(II)-based luminescent coordination polymer with seven-fold interweaved herringbone nets showing solvent-responsive fluorescence properties and discriminative detection of ethylenediamine. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 131967.	4.0	16
39	Crystal Engineering of Three Net-to-Net Intersecting Metal-Organic Frameworks from Two Comparable Organic Linking Squares. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3750-3755.	1.0	15
40	Presynthesized and In-Situ Generated Tetrazolate Ligand in the Design of Chiral Cadmium Coordination Polymer. <i>Crystal Growth and Design</i> , 2012, 12, 3825-3828.	1.4	15
41	Amide-containing zinc(ii) metal-organic layered networks: a structure-CO ₂ capture relationship. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 477-484.	3.0	15
42	Hydro(solvo)thermal synthesis of homochiral metal-camphorate coordination polymers. <i>CrystEngComm</i> , 2010, 12, 3909.	1.3	13
43	Anion-Directed Copper(II) Metallocages, Coordination Chain, and Complex Double Salt: Structures, Magnetic Properties, EPR Spectra, and Density Functional Study. <i>Chemistry - A European Journal</i> , 2016, 22, 7238-7247.	1.7	13
44	Engineered Bifunctional Luminescent Pillared-Layer Frameworks for Adsorption of CO ₂ and Sensitive Detection of Nitrobenzene in Aqueous Media. <i>Chemistry - A European Journal</i> , 2021, 27, 6529-6537.	1.7	13
45	Insight into the influence of framework metal ion of analogous metal-organic frameworks on the adsorptive removal performances of dyes from water. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 73-84.	2.7	12
46	Flexible ϵ -piperazine-pyrazine-building blocks: conformational isomerism of ϵ -equatorial-axial-sites toward the constructions of silver(i) coordination chains. <i>CrystEngComm</i> , 2010, 12, 3388.	1.3	11
47	A Rigidity-Modulated Approach toward the Construction of Metallacycles from a Flexible Tetratopic Ligand. <i>Organometallics</i> , 2010, 29, 283-285.	1.1	9
48	Discrete and Infinite Metallacyclic Coordination Architectures Based on a Conformationally Flexible Tripodal Aminotriazine-Derived Polypyridyl Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2172-2178.	1.0	9
49	Synthesis, crystal structures, and dye removal properties of a series of discrete and polymeric copper, zinc, cobalt, and cadmium complexes containing bis-pyridyl-bis-amine ligands. <i>Journal of Solid State Chemistry</i> , 2018, 265, 227-236.	1.4	9
50	An Unprecedented Interpenetrating Structure Built from Two Differently Bonded Frameworks: Synthesis, Characteristics, and Efficient Removal of Anionic Dyes from Aqueous Solutions. <i>Chemistry - A European Journal</i> , 2019, 25, 7815-7819.	1.7	9
51	Thermally stable dinuclear Co(II) and Zn(II) complexes of tetra-phosphonate and 2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 2020, 510, 119750.	1.2	9
52	Self-adaptation of a conformationally flexible yet restricted ϵ -piperazine-pyrazine-building block toward the design of coordination polymers. <i>CrystEngComm</i> , 2011, 13, 2960.	1.3	8
53	Metal-ion exchange induced structural transformation as a way of forming novel Ni(II) ²⁺ and Cu(II) ²⁺ salicylaldehyde structures. <i>Journal of Solid State Chemistry</i> , 2017, 246, 23-28.	1.4	8
54	A Thermally Stable Undulated Coordination Layer Showing a Sequentially Interweaving 2D \uparrow 3D Net as a Turn-On Sensor for Luminescence Detection of Al ³⁺ in Water. <i>Crystal Growth and Design</i> , 2022, 22, 228-236.	1.4	8

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55	Anion-Directed Metallocages: A Study on the Tendency of Anion Templatation. <i>Chemistry - A European Journal</i> , 2017, 23, 15957-15965.	1.7	7
56	A luminescent Cd(II) coordination polymer as a fluorescence-responsive sensor for enhancement sensing of Al ³⁺ and Cr ³⁺ ions and quenching detection of chromium(VI) oxyanions. <i>Journal of Solid State Chemistry</i> , 2021, 304, 122564.	1.4	7
57	Reversible structural transformations between a chain polymer and a metallocage induced by anion templatation. <i>Inorganica Chimica Acta</i> , 2017, 455, 241-246.	1.2	6
58	Paddlewheel SBU based Zn MOFs: Syntheses, Structural Diversity, and CO ₂ Adsorption Properties. <i>Polymers</i> , 2018, 10, 1398.	2.0	6
59	Two-fold 2D + 2D → 2D interweaved rhombus (4,4) grid: synthesis, structure, and dye removal properties in darkness and in daylight. <i>Dalton Transactions</i> , 2019, 48, 1095-1107.	1.6	6
60	Halogen bonding interactions assisted network expansion of a tetrahedral cobalt phosphonate coordination polymer bearing 4,4'-bipyridine ligand. <i>Journal of Molecular Structure</i> , 2021, 1224, 129063.	1.8	6
61	A three-component copper phosphonate complex as a sensor platform for sensitive Cd ²⁺ and Zn ²⁺ ion detection in water via fluorescence enhancement. <i>Journal of Solid State Chemistry</i> , 2021, 299, 122178.	1.4	6
62	Synthesis, characterization, and dye capture of a 3D Cd(II)-carboxylate pcu network. <i>Polyhedron</i> , 2017, 122, 124-130.	1.0	5
63	Temperature-influenced M2L and M2L2 molecular metal phosphonates and diversity of ligand conformation. <i>Inorganica Chimica Acta</i> , 2021, 514, 119998.	1.2	5
64	A water-stable molecular cadmium phosphonate bearing 2-(2-pyridyl)benzimidazole as a highly sensitive luminescence sensor for the selective detection of bisphenol AF and bisphenol B. <i>CrystEngComm</i> , 2021, 23, 2842-2853.	1.3	5
65	A Water-Stable 2-Fold Interpenetrating cds Net as a Bifunctional Fluorescence-Responsive Sensor for Selective Detection of Cr(III) and Cr(VI) Ions. <i>Nanomaterials</i> , 2022, 12, 158.	1.9	5
66	Anion-Dominated Copper Salicyaldimine Complexes' Structures, Coordination Mode of Nitrate and Decolorization Properties toward Acid Orange 7 Dye. <i>Polymers</i> , 2020, 12, 1910.	2.0	4
67	Structural diversity in polymeric and discrete complexes constructed by divalent transition metals and unsymmetrical quasi semirigid pyridinecarboxylate isomers. <i>Journal of Solid State Chemistry</i> , 2019, 277, 701-712.	1.4	3
68	Polymeric layer framework and chain structure of two three-component cadmium and copper phosphonates embedded with pyrazine. <i>Journal of Solid State Chemistry</i> , 2020, 291, 121638.	1.4	3
69	Anion Effect on the Formation of Zinc-Salicyaldimine Compounds in Neutral and Anionic Complex Forms: Synthesis, Characterization, ¹ H NMR Studies, and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3139-3147.	1.0	3
70	A Cd(II) Luminescent Coordination Grid as a Multiresponsive Fluorescence Sensor for Cr(VI) Oxyanions and Cr(III), Fe(III), and Al(III) in Aqueous Medium. <i>Molecules</i> , 2021, 26, 7103.	1.7	2
71	Hetero-interpenetrating porous coordination polymers. <i>Dalton Transactions</i> , 2022, 51, 7025-7034.	1.6	2
72	Molecular mechanics of glove-like re(I) metallacycles: Toward light-activated molecular catchers. <i>Journal of the Chinese Chemical Society</i> , 0, , .	0.8	2

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73	Synthesis and structures of copper coordination polymers incorporating a bis-pyridyl-bis-amine ligand. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122863.	1.4	1
74	Structure and reversible crystal-to-crystal transformations of a zinc(II) coordination polymer constructed from an imide-based dicarboxylic acid. <i>Journal of Solid State Chemistry</i> , 2021, 298, 122129.	1.4	0