

# Hao-Hong Li

## List of Publications by Year in Descending Order

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

81  
papers

1,405  
citations

19  
h-index

34  
g-index

86  
ext. papers

1,666  
ext. citations

4.3  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
81	Photo-sensitive hybrids constructed from diphenyliodonium and metal-thiocyanates: photo-induced structure and property transformations. <i>CrystEngComm</i> , <b>2022</b> , 24, 1237-1247	3.3	1
80	Protonated g-C <sub>3</sub> N <sub>4</sub> -based nonvolatile memories with good environmental robustness assisted by boron nitride. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 905, 164171	5.7	0
79	Embedding Azobenzol-Decorated Tetraphenylethylene into the Polymer Matrix to Implement a Ternary Memory Device with High Working Temperature/Humidity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50350-50357	9.5	2
78	Molecular Nonvolatile Memory Based on [HGeW <sub>12</sub> O <sub>40</sub> ] <sub>4</sub> /Metalloviologen Hybrids Can Work at High Temperature Monitored by Chromism. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 2178-2186	9.6	9
77	Synthesis, Antifungal Activity, and Cytotoxicity of AgBr-NP@CTMAB Hybrid and Its Application in PMMA. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 3091-3103	7.3	0
76	A Three-Component Hybrid Templated by Asymmetric Viologen Exhibiting Visible-Light-Driven Photocatalytic Degradation on Dye Pollutant in Maritime Accident Seawater. <i>Catalysts</i> , <b>2021</b> , 11, 640	4	0
75	Thermal-Responsive Polyoxometalate-Metalloviologen Hybrid: Reversible Intermolecular Three-Component Reaction and Temperature-Regulated Resistive Switching Behaviors. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16911-16916	16.4	8
74	Thermal-Responsive Polyoxometalate-Metalloviologen Hybrid: Reversible Intermolecular Three-Component Reaction and Temperature-Regulated Resistive Switching Behaviors. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 17048-17053	3.6	1
73	Solvent-Mediated 1,2-Bis(isoquinoline)alkane/Iodobismuthate Hybridized Isomers: Structures and Packing Mode Dependent-Photoluminescence/Thermochromisms. <i>Journal of Cluster Science</i> , <b>2021</b> , 32, 727-735	3	1
72	Reversible photo/thermal stimuli-responsive electrical bistability performance in supramolecular co-crystals accompanied by crystalline-to-amorphous transformations. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3258-3267	7.1	3
71	Organocatalyzed styrene epoxidation accelerated by continuous-flow reactor. <i>Journal of Flow Chemistry</i> , <b>2020</b> , 10, 227-234	3.3	3
70	The engineering of stilbazolium/iodocuprate hybrids with optical/electrical performances by modulating inter-molecular charge transfer among H-aggregated chromophores. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1451-1466	6.8	6
69	Persistent radical anions in panchromatic D-A hybrid heterostructures induced by anion-π interactions. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108468	4.6	5
68	Core-Shell Structured Layered Lanthanide-Organic Complexes with Stilbazolium-type Dye Encapsulation for Multifunctional Performances. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 136-147	4.5	3
67	Achievement of intrinsic white light emission by hybridization-deformable haloplumbates with rigid luminescent naphthalene motifs. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4477-4487	6.8	3
66	Antibacterial Properties of Functionalized Gold Nanoparticles and Their Application in Oral Biology. <i>Journal of Nanomaterials</i> , <b>2020</b> , 2020, 1-13	3.2	11
65	Multifunctional Quaternary Phosphorus/Bromoargentate Hybrids: The Achievement of Greenish Blue Luminescence, Repeatable Photocurrent Responses and Durable Antimicrobial Activities with Enhanced Water Stability. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 6225-6237	7.3	1

64	Novel Viologen/Iodobismuthate Hybrids: Structures, Thermochromisms and Theoretical Calculations. <i>Journal of Cluster Science</i> , <b>2020</b> , 31, 943-950	3	4
63	Encapsulating Halometallates into 3-D Lanthanide-Viologen Frameworks: Controllable Emissions, Reversible Thermochromism, Photocurrent Responses, and Electrical Bistability Behaviors. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13862-13880	5.1	18
62	Encapsulation of stilbazolium-type dyes into layered metal-organic frameworks: solvent-dependent luminescence chromisms and their mechanisms. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1195-1208	6.8	4
61	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , <b>2019</b> , 55, 15065-15068	5.8	8
60	Unprecedented five-fold interpenetrated donor-acceptor hybrid heterostructure induced by anion- $\pi$ interactions. <i>CrystEngComm</i> , <b>2019</b> , 21, 6688-6692	3.3	9
59	The impact of metal cations on the photochemical properties of hybrid heterostructures with infinite alkaline-earth metal oxide clusters. <i>Dalton Transactions</i> , <b>2019</b> , 48, 17381-17387	4.3	13
58	Nonvolatile Electrical Bistability Behaviors Observed in Au/Ag Nanoparticle-Embedded MOFs and Switching Mechanisms. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 47073-47082	9.5	10
57	Two Lanthanide-Substituted Polyoxometalates Featuring Novel Crescent-Shaped Ln <sub>5</sub> Clusters: Structures, Ion Conductivities, and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1329-1335	3.5	14
56	Heterometallic Organic Frameworks Built from Trinuclear Indium and Cuprous Halide Clusters: Ligand-Oriented Assemblies and Iodine Adsorption Behavior. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 516-523	5.1	38
55	Two-Dimensional Silver-Thiocyanate Layers Directed by Viologens: Structural Transformations upon Low Pressure Stimuli, Piezochromic Luminescence, Photocurrent Responses, and Photocatalytic Properties. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 177-192	3.5	8
54	Gold plasmon-induced photocatalytic dehydrogenative coupling of methane to ethane on polar oxide surfaces. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 294-298	35.4	124
53	Lead-carboxylate/polyiodide hybrids constructed from halogen bonding and asymmetric viologen: structures, visible-light-driven photocatalytic properties and enhanced photocurrent responses. <i>CrystEngComm</i> , <b>2018</b> , 20, 2245-2252	3.3	22
52	Iodoargentate/iodobismuthate-based materials hybridized with lanthanide-containing metalloviologens: thermochromic behaviors and photocurrent responses. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 1162-1173	6.8	44
51	Halobismuthate/diphenyliodonium hybrids stabilized by secondary hypervalent I(III)-X interactions: Structures, optical studies and thermochromisms. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1151, 81-87	3.4	17
50	Structural diversities of squarate-based complexes: photocurrent responses and thermochromic behaviours enhanced by viologens. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 189-199	6.8	12
49	Quaternary Phosphorus-Induced Iodocuprate(I)-Based Hybrids: Water Stabilities, Tunable Luminescence and Photocurrent Responses. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4234-4244	2.3	9
48	Combination of N-Arylstilbazolium Organic Nonlinear Optical Chromophores with Iodoargentates: Structural Diversities and Optical Properties. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3827-3840	3.5	14
47	Heterometallic iodoplumbates modified by copper(I) or silver(I) with viologens. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 71-83	1.6	1

46	A series of pure-blue-light emitting Cu(I) complexes with thermally activated delayed fluorescence: structural, photophysical, and computational studies. <i>Dalton Transactions</i> , <b>2017</b> , 46, 1413-1419	4.3	22
45	Decarboxylative Trifluoromethylating Reagent [Cu(O CCF <sub>3</sub> )(phen)] and Difluorocarbene Precursor [Cu(phen)] [O CCF <sub>3</sub> Cl]. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2075-2084	4.8	51
44	A rare polyniobotungstate-based framework and its structural transformation in a single-crystal-to-single-crystal process induced by iodide ions. <i>CrystEngComm</i> , <b>2016</b> , 18, 1705-1708	3.3	6
43	Halocadmium Clusters with Different Linkage Modes Templated by Methyl Viologen: Structure, Photoluminescence, and Thermochromism. <i>Journal of Cluster Science</i> , <b>2016</b> , 27, 513-521	3	6
42	Incorporating Guest Molecules into Honeycomb Structures Constructed from Uranium(VI)-Polycarboxylates: Structural Diversities and Photocatalytic Activities for the Degradation of Organic Dye. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 10-13	3.5	70
41	Two New Coordination Frameworks Constructed From 4-(Imidazol-1-yl) Benzoic Acid: Synthesis, Structures and Tunable Photoluminescence Upon Thermochromisms. <i>Journal of Cluster Science</i> , <b>2015</b> , 26, 1319-1331	3	1
40	Two New Methyl Viologen Halocadmium Charge-Transfer Salts with Isostructures: Visible-Light Excited Photoluminescences, Thermochromisms and Theoretical Studies. <i>Journal of Cluster Science</i> , <b>2015</b> , 26, 851-862	3	6
39	Heterometallic Inorganic/Organic Hybrids Containing Polynuclear Halobismuthates Anions and d-Metal Coordination Cations: Structure and Physical Properties. <i>Journal of Cluster Science</i> , <b>2015</b> , 26, 1011-1022	3	9
38	Heavy main-group iodometallates hybridized by alkali metal via 1,10-Phenanthroline-5,6-dione. <i>Journal of Chemical Sciences</i> , <b>2015</b> , 127, 1531-1538	1.8	1
37	Structure and Electrical Bistability of a New Inorganic/Organic Hybrid Based on Copper Iodide Polymer and Ethyl Viologen: A Synergic Combination of Experimental and Theoretical Study. <i>Science of Advanced Materials</i> , <b>2015</b> , 7, 1793-1799	2.3	6
36	New Three-Dimensional Lanthanide/Alkali/Heterometallic Frameworks Constructed from Isonicotinic Acid: Synthesis, Structures and Properties. <i>Journal of Cluster Science</i> , <b>2014</b> , 25, 581-590	3	
35	An Improved Protocol for the Synthesis of $\alpha$ -Trifluoromethylthio-Substituted Ketones by Copper-Mediated Trifluoromethylthiolation of $\beta$ -Bromo Ketones. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 7324-7328	3.2	45
34	A Low-dimensional Viologen/Iodoargentate Hybrid [(BV) <sub>2</sub> [(Ag <sub>5</sub> I <sub>9</sub> )] <sub>n</sub> ]: Structure, Properties, and Theoretical Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 439-443	1.3	21
33	Polymeric Iodoplumbate Templated by Photochemically Active Coordination Cation [Ru(phen) <sub>3</sub> ] <sup>2+</sup> : Structure and Properties of a Bimetallic Inorganic/Organic Hybrid. <i>Journal of Cluster Science</i> , <b>2014</b> , 25, 979-988	3	6
32	A new heterometallic hybrid based on polymeric iodoplumbate and lanthanide metal-carboxylic coordination polycation. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1035, 109-113	3.4	8
31	Rigidity/flexibility competition in organic/iodoargentate hybrids: a combined experimental and theoretical study. <i>CrystEngComm</i> , <b>2013</b> , 15, 1721	3.3	46
30	An additional structure and property study on polymeric haloplumbates(II) with aromatic N-heterocyclic organic molecules. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1016, 118-125	3.4	14
29	Incorporating Rare Earth Metal Complexes and Conjugated Organic Cations into Polymeric Iodoargentate: Structures and Properties of Two Hybrid Iodoargentates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 851-855	1.3	26

28	Lanthanide-Bismuth Heterometallics Combined Lanthanide Metal Complexes with Bismuth Iodides: Structures and Properties. <i>Journal of Cluster Science</i> , <b>2012</b> , 23, 383-393	3	9
27	Introducing p-block metals into iodoargentates: structures and properties of two new heterometallic hybrids. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 3851-3859	1.6	11
26	Preparation and Characterization of Two Bismuth(III) Iodide Inorganic/Organic Hybrid Solids. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 1351-1357		8
25	An Iodoargentate Hybrid Coordination Polymer Constructed by Methyl Viologen: Structure, Properties and Theoretical Study. <i>Journal of Chemical Crystallography</i> , <b>2011</b> , 41, 858-863	0.5	15
24	Two Neutral Heterometallic Iodoargentate Hybrid Frameworks: Structures and Properties. <i>Journal of Cluster Science</i> , <b>2011</b> , 22, 573-586	3	13
23	An organic-organic hybrid heterobridging luminescent copper(I) polymer exhibiting thermochromic behavior. <i>CrystEngComm</i> , <b>2011</b> , 13, 1778	3.3	14
22	Synthesis, Properties, and Theoretical Study of a Cation-Induced Iodoargentate Hybrid: [(PIP-H <sub>2</sub> ) <sub>4</sub> [Ag <sub>4</sub> I <sub>12</sub> ](H <sub>2</sub> O)] <sub>n</sub> . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 583-589		7
21	Structure and property variations of lead iodide-organic coordination polymers tuned by substituted groups on phenanthroline. <i>CrystEngComm</i> , <b>2011</b> , 13, 6766	3.3	8
20	A combined experimental and theoretical study of an semi-conductive iodoargentate hybrid induced by large conjugate cation. <i>Journal of Molecular Structure</i> , <b>2011</b> , 987, 180-185	3.4	27
19	Lewis-Base Adduct of Iodo-Bridged Lead(II) Compound Constructed From Phenanthroline Derivative: Structure and Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 932-939		
18	Two Iodoargentate Hybrid Coordination Polymers Induced by Transition-Metal Complexes: Structures and Properties. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 1068-1073	3.5	67
17	Hybrid polymeric iodoplumbates constructed from morpholine and its derivatives: structures and properties. <i>Dalton Transactions</i> , <b>2010</b> , 39, 11000-7	4.3	16
16	A New Rare-Earth Metal Coordination Polymer Constructed from N-hetero Aromatic Multicarboxylate Ligand. <i>Journal of Cluster Science</i> , <b>2010</b> , 21, 825-835	3	6
15	An ionic compound containing molecular iodine (ipq) <sub>4</sub> (Cu <sub>2</sub> I <sub>6</sub> ) <sub>2</sub> : Synthesis and theoretical investigation. <i>Journal of Molecular Structure</i> , <b>2009</b> , 934, 112-116	3.4	8
14	A New Semi-conductive Copper(I) Halide Coordination Polymer: Synthesis, Structure, and Theoretical Study. <i>Journal of Cluster Science</i> , <b>2009</b> , 20, 515-523	3	11
13	Introducing Transition-Metal Complex Together with Conjugated Ligand into Polymeric Iodoplumbate: Structure Characterization, Properties and Theoretical Study of a New Semi-Conductive Hybrid: {[Cu(II)(2,2'-bipy) <sub>3</sub> ][Pb <sub>2</sub> I <sub>6</sub> ]} <sub>n</sub> . <i>Journal of Cluster Science</i> , <b>2009</b> , 20, 611-620	3	12
12	Theoretical analysis on yellow emission of gallium nitride with vacancy defects or impurities. <i>Theoretical Chemistry Accounts</i> , <b>2009</b> , 123, 521-525	1.9	9
11	A 2-D framework incorporating lanthanide metal complex linkers into polymeric iodoplumbate. <i>CrystEngComm</i> , <b>2009</b> , 11, 545-548	3.3	17

10	Three silver iodides with zero and one-dimensional hybrid structures directed by conjugated organic templates: synthesis and theoretical study. <i>Dalton Transactions</i> , <b>2009</b> , 4888-95	4.3	45
9	Incorporating a Transition Metal Complex into Polymeric Iodoplumbate: Structure Characterization, Properties and Theoretical Study of a Unprecedented Hybrid Semiconductor: $\{[\text{Cu}(\text{en})_2][\text{Pb}_2\text{I}_6]\}_n$ . <i>Australian Journal of Chemistry</i> , <b>2008</b> , 61, 391	1.2	17
8	A New Hybrid Optical Semiconductor Based on Polymeric Iodoplumbate Co-Templated by Both Organic Cation and Polyiodide Anion. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 4355-4358	3.5	44
7	Synthesis and Characterization of Organically Templated Copper Halides with Zero and One-dimensional Hybrid Structures: $(\text{nbq})_4\text{Cu}_4\text{I}_8$ and $[(\text{ipq})_2(\text{Cu}_5\text{I}_7)]_n$ . <i>Journal of Cluster Science</i> , <b>2007</b> , 18, 817-829	3	12
6	Synthesis and Characterization of Two Silver Iodides with One- and Three-Dimensional Hybrid Structures Constructed From $\text{Ag} \cdots \text{Ag}$ Interactions and Organic Templates. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 2447-2453	2.3	78
5	Role of Spacers and Substituents in the Self-Assembly Process: Syntheses and Characterization of Three Novel Silver(I)/Iodine Polymers. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1813-1820	3.5	112
4	Synthesis, structure and optical limiting effect of a novel inorganic-organic hybrid polymer containing mixed chains of copper(I)/iodine. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 1415-1420	3.3	20
3	Structure and self-assembly synthesis of a novel heterometallic one-dimensional coordination polymer: $\{[\text{Cu}(\text{II})(\text{DETA})\text{I}(\text{DMF})_2][\text{Pb}_2\text{I}_6]\}_n$ . <i>Journal of Chemical Crystallography</i> , <b>2006</b> , 36, 419-425	0.5	21
2	Novel Organic-inorganic Hybrid Coordination Polymer $[(\text{DBU-H})(\text{PbI}_3)]_n$ : Synthesis, Crystallographic Structure and Quantum Chemical Investigation. <i>Chinese Journal of Chemistry</i> , <b>2005</b> , 23, 1391-1396	4.9	7
1	Novel Inorganic-Organic Hybrid Coordination Polymer $[(\text{C}_{10}\text{H}_{16}\text{N})_3(\text{Ag}_6\text{I}_9)]_n$ : Synthesis, Structure and Optical Limiting Effect. <i>Journal of Cluster Science</i> , <b>2005</b> , 16, 537-545	3	19