

Hao-Hong Li

List of Publications by Citations

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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	Gold plasmon-induced photocatalytic dehydrogenative coupling of methane to ethane on polar oxide surfaces. <i>Energy and Environmental Science</i> , 2018 , 11, 294-298	35.4	124
80	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> , 2006 , 6, 1813-1820	3.5	112
79	Synthesis and Characterization of Two Silver Iodides with One- and Three-Dimensional Hybrid Structures Constructed From Ag ⁺ Ag Interactions and Organic Templates. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2447-2453	2.3	78
78	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> , 2015 , 15, 10-13	3.5	70
77	Two Iodoargentate Hybrid Coordination Polymers Induced by Transition-Metal Complexes: Structures and Properties. <i>Crystal Growth and Design</i> , 2010 , 10, 1068-1073	3.5	67
76	Decarboxylative Trifluoromethylating Reagent [Cu(O CCF)(phen)] and Difluorocarbene Precursor [Cu(phen)][O CCF Cl]. <i>Chemistry - A European Journal</i> , 2016 , 22, 2075-2084	4.8	51
75	Rigidity/flexibility competition in organic/iodoargentate hybrids: a combined experimental and theoretical study. <i>CrystEngComm</i> , 2013 , 15, 1721	3.3	46
74	An Improved Protocol for the Synthesis of β -Trifluoromethylthio-Substituted Ketones by Copper-Mediated Trifluoromethylthiolation of β -Bromo Ketones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7324-7328	3.2	45
73	Three silver iodides with zero and one-dimensional hybrid structures directed by conjugated organic templates: synthesis and theoretical study. <i>Dalton Transactions</i> , 2009 , 4888-95	4.3	45
72	Iodoargentate/iodobismuthate-based materials hybridized with lanthanide-containing metalloviologens: thermochromic behaviors and photocurrent responses. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1162-1173	6.8	44
71	A New Hybrid Optical Semiconductor Based on Polymeric Iodoplumbate Co-Templated by Both Organic Cation and Polyiodide Anion. <i>Crystal Growth and Design</i> , 2008 , 8, 4355-4358	3.5	44
70	Heterometallic Organic Frameworks Built from Trinuclear Indium and Cuprous Halide Clusters: Ligand-Oriented Assemblies and Iodine Adsorption Behavior. <i>Inorganic Chemistry</i> , 2019 , 58, 516-523	5.1	38
69	A combined experimental and theoretical study of an semi-conductive iodoargentate hybrid induced by large conjugate cation. <i>Journal of Molecular Structure</i> , 2011 , 987, 180-185	3.4	27
68	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> , 2012 , 638, 851-855	1.3	26
67	A series of pure-blue-light emitting Cu(I) complexes with thermally activated delayed fluorescence: structural, photophysical, and computational studies. <i>Dalton Transactions</i> , 2017 , 46, 1413-1419	4.3	22
66	Lead-carboxylate/polyiodide hybrids constructed from halogen bonding and asymmetric viologen: structures, visible-light-driven photocatalytic properties and enhanced photocurrent responses. <i>CrystEngComm</i> , 2018 , 20, 2245-2252	3.3	22
65	A Low-dimensional Viologen/Iodoargentate Hybrid [(BV) ₂ [Ag ₅ I ₉]] _n : Structure, Properties, and Theoretical Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 439-443	1.3	21

64	Structure and self-assembly synthesis of a novel heterometallic one-dimensional coordination polymer: {[Cu(II)(DETA)I(DMF)] ₂ [Pb ₂ I ₆]} _n . <i>Journal of Chemical Crystallography</i> , 2006 , 36, 419-425	0.5	21
63	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> , 2006 , 179, 1415-1420	3.3	20
62	Novel Inorganic-Organic Hybrid Coordination Polymer [(C ₁₀ H ₁₆ N) ₃ (Ag ₆ I ₉)] _n : Synthesis, Structure and Optical Limiting Effect. <i>Journal of Cluster Science</i> , 2005 , 16, 537-545	3	19
61	Encapsulating Halometallates into 3-D Lanthanide-Viologen Frameworks: Controllable Emissions, Reversible Thermochromism, Photocurrent Responses, and Electrical Bistability Behaviors. <i>Inorganic Chemistry</i> , 2019 , 58, 13862-13880	5.1	18
60	Halobismuthate/diphenyliodonium hybrids stabilized by secondary hypervalent I(III)···X interactions: Structures, optical studies and thermochromisms. <i>Journal of Molecular Structure</i> , 2018 , 1151, 81-87	3.4	17
59	A 2-D framework incorporating lanthanide metal complex linkers into polymeric iodoplumbate. <i>CrystEngComm</i> , 2009 , 11, 545-548	3.3	17
58	Incorporating a Transition Metal Complex into Polymeric Iodoplumbate: Structure Characterization, Properties and Theoretical Study of a Unprecedented Hybrid Semiconductor: {[Cu(en) ₂][Pb ₂ I ₆]} _n . <i>Australian Journal of Chemistry</i> , 2008 , 61, 391	1.2	17
57	Hybrid polymeric iodoplumbates constructed from morpholine and its derivatives: structures and properties. <i>Dalton Transactions</i> , 2010 , 39, 11000-7	4.3	16
56	An Iodoargentate Hybrid Coordination Polymer Constructed by Methyl Viologen: Structure, Properties and Theoretical Study. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 858-863	0.5	15
55	An additional structure and property study on polymeric haloplumbates(II) with aromatic N-heterocyclic organic molecules. <i>Journal of Molecular Structure</i> , 2012 , 1016, 118-125	3.4	14
54	An organic-organic hybrid heterobridging luminescent copper(I) polymer exhibiting thermochromic behavior. <i>CrystEngComm</i> , 2011 , 13, 1778	3.3	14
53	Two Lanthanide-Substituted Polyoxometalates Featuring Novel Crescent-Shaped Ln ₅ Clusters: Structures, Ion Conductivities, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2019 , 19, 1329-1335	3.5	14
52	Combination of N-Arylstilbazolium Organic Nonlinear Optical Chromophores with Iodoargentates: Structural Diversities and Optical Properties. <i>Crystal Growth and Design</i> , 2018 , 18, 3827-3840	3.5	14
51	Two Neutral Heterometallic Iodoargentate Hybrid Frameworks: Structures and Properties. <i>Journal of Cluster Science</i> , 2011 , 22, 573-586	3	13
50	The impact of metal cations on the photochemical properties of hybrid heterostructures with infinite alkaline-earth metal oxide clusters. <i>Dalton Transactions</i> , 2019 , 48, 17381-17387	4.3	13
49	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) ₃][Pb ₂ I ₆]} _n . <i>Journal of Cluster Science</i> , 2009 , 20, 611-620	3	12
48	Synthesis and Characterization of Organically Templated Copper Halides with Zero and One-dimensional Hybrid Structures: (nbq) ₄ Cu ₄ I ₈ and [(ipq) ₂ (Cu ₅ I ₇)] _n . <i>Journal of Cluster Science</i> , 2007 , 18, 817-829	3	12
47	Structural diversities of squarate-based complexes: photocurrent responses and thermochromic behaviours enhanced by viologens. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 189-199	6.8	12

46	A New Semi-conductive Copper(I) Halide Coordination Polymer: Synthesis, Structure, and Theoretical Study. <i>Journal of Cluster Science</i> , 2009 , 20, 515-523	3	11
45	Introducing p-block metals into iodoargentates: structures and properties of two new heterometallic hybrids. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3851-3859	1.6	11
44	Antibacterial Properties of Functionalized Gold Nanoparticles and Their Application in Oral Biology. <i>Journal of Nanomaterials</i> , 2020 , 2020, 1-13	3.2	11
43	Nonvolatile Electrical Bistability Behaviors Observed in Au/Ag Nanoparticle-Embedded MOFs and Switching Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 47073-47082	9.5	10
42	Heterometallic Inorganic/Organic Hybrids Containing Polynuclear Halobismuthates Anions and d-Metal Coordination Cations: Structure and Physical Properties. <i>Journal of Cluster Science</i> , 2015 , 26, 1011-1022	3	9
41	Lanthanide/Bismuth Heterometallics Combined Lanthanide Metal Complexes with Bismuth Iodides: Structures and Properties. <i>Journal of Cluster Science</i> , 2012 , 23, 383-393	3	9
40	Theoretical analysis on yellow emission of gallium nitride with vacancy defects or impurities. <i>Theoretical Chemistry Accounts</i> , 2009 , 123, 521-525	1.9	9
39	Molecular Nonvolatile Memory Based on [GeW ₁₂ O ₄₀] ₄ Metalloviologen Hybrids Can Work at High Temperature Monitored by Chromism. <i>Chemistry of Materials</i> , 2021 , 33, 2178-2186	9.6	9
38	Unprecedented five-fold interpenetrated donor-acceptor hybrid heterostructure induced by anion-π interactions. <i>CrystEngComm</i> , 2019 , 21, 6688-6692	3.3	9
37	Quaternary Phosphorus-Induced Iodocuprate(I)-Based Hybrids: Water Stabilities, Tunable Luminescence and Photocurrent Responses. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4234-4244	2.3	9
36	A new heterometallic hybrid based on polymeric iodoplumbate and lanthanide metal-carboxylic coordination polycation. <i>Journal of Molecular Structure</i> , 2013 , 1035, 109-113	3.4	8
35	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> , 2011 , 41, 1351-1357		8
34	Structure and property variations of lead iodide-organic coordination polymers tuned by substituted groups on phenanthroline. <i>CrystEngComm</i> , 2011 , 13, 6766	3.3	8
33	An ionic compound containing molecular iodine (ipq) ₄ (Cu ₂ I ₆) ₂ : Synthesis and theoretical investigation. <i>Journal of Molecular Structure</i> , 2009 , 934, 112-116	3.4	8
32	Thermal-Responsive Polyoxometalate-Metalloviologen Hybrid: Reversible Intermolecular Three-Component Reaction and Temperature-Regulated Resistive Switching Behaviors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16911-16916	16.4	8
31	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , 2019 , 55, 15065-15068	5.8	8
30	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> , 2019 , 19, 177-192	3.5	8
29	Synthesis, Properties, and Theoretical Study of a Cation-Induced Iodoargentate Hybrid: [(PIP-H ₂) ₄ [Ag ₄ I ₁₂](H ₂ O)] _n . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011 , 41, 583-589		7

28	Novel Organic-inorganic Hybrid Coordination Polymer [(DBU-H)(PbI ₃)] _n : Synthesis, Crystallographic Structure and Quantum Chemical Investigation. <i>Chinese Journal of Chemistry</i> , 2005 , 23, 1391-1396	4.9	7
27	Two New Methyl Viologen Halocadmium Charge-Transfer Salts with Isostructures: Visible-Light Excited Photoluminescences, Thermochromisms and Theoretical Studies. <i>Journal of Cluster Science</i> , 2015 , 26, 851-862	3	6
26	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> , 2020 , 7, 1451-1466	6.8	6
25	A rare polyniobotungstate-based framework and its structural transformation in a single-crystal-to-single-crystal process induced by iodide ions. <i>CrystEngComm</i> , 2016 , 18, 1705-1708	3.3	6
24	Halocadmium Clusters with Different Linkage Modes Templated by Methyl Viologen: Structure, Photoluminescence, and Thermochromism. <i>Journal of Cluster Science</i> , 2016 , 27, 513-521	3	6
23	Polymeric Iodoplumbate Templated by Photochemically Active Coordination Cation [Ru(phen) ₃] ²⁺ : Structure and Properties of a Bimetallic Inorganic/Organic Hybrid. <i>Journal of Cluster Science</i> , 2014 , 25, 979-988	3	6
22	A New Rare-Earth Metal Coordination Polymer Constructed from N-hetero Aromatic Multicarboxylate Ligand. <i>Journal of Cluster Science</i> , 2010 , 21, 825-835	3	6
21	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> , 2015 , 7, 1793-1799	2.3	6
20	Persistent radical anions in panchromatic D-A hybrid heterostructures induced by anion-π interactions. <i>Dyes and Pigments</i> , 2020 , 180, 108468	4.6	5
19	Encapsulation of stilbazolium-type dyes into layered metal/organic frameworks: solvent-dependent luminescence chromisms and their mechanisms. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1195-1208	6.8	4
18	Novel Viologen/Iodobismuthate Hybrids: Structures, Thermochromisms and Theoretical Calculations. <i>Journal of Cluster Science</i> , 2020 , 31, 943-950	3	4
17	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> , 2020 , 8, 3258-3267	7.1	3
16	Organocatalyzed styrene epoxidation accelerated by continuous-flow reactor. <i>Journal of Flow Chemistry</i> , 2020 , 10, 227-234	3.3	3
15	Core-Shell Structured Layered Lanthanide-Organic Complexes with Stilbazolium-type Dye Encapsulation for Multifunctional Performances. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 136-147	4.5	3
14	Achievement of intrinsic white light emission by hybridization-deformable haloplumbates with rigid luminescent naphthalene motifs. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4477-4487	6.8	3
13	Embedding Azobenzol-Decorated Tetraphenylethylene into the Polymer Matrix to Implement a Ternary Memory Device with High Working Temperature/Humidity. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 50350-50357	9.5	2
12	Heterometallic iodoplumbates modified by copper(I) or silver(I) with viologens. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 71-83	1.6	1
11	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> , 2015 , 26, 1319-1331	3	1

10	Heavy main-group iodometallates hybridized by alkali metal via 1,10-Phenanthroline-5,6-dione. <i>Journal of Chemical Sciences</i> , 2015 , 127, 1531-1538	1.8	1
9	Photo-sensitive hybrids constructed from diphenyliodonium and metal-thiocyanates: photo-induced structure and property transformations. <i>CrystEngComm</i> , 2022 , 24, 1237-1247	3.3	1
8	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> , 2020 , 15, 6225-6237	7.3	1
7	Thermal-Responsive Polyoxometalate/Metalloviologen Hybrid: Reversible Intermolecular Three-Component Reaction and Temperature-Regulated Resistive Switching Behaviors. <i>Angewandte Chemie</i> , 2021 , 133, 17048-17053	3.6	1
6	Solvent-Mediated 1,1-Bis(isoquinoline)alkane/Iodobismuthate Hybridized Isomers: Structures and Packing Mode Dependent-Photoluminescence/Thermochromisms. <i>Journal of Cluster Science</i> , 2021 , 32, 727-735	3	1
5	Protonated g-C ₃ N ₄ -based nonvolatile memories with good environmental robustness assisted by boron nitride. <i>Journal of Alloys and Compounds</i> , 2022 , 905, 164171	5.7	0
4	Synthesis, Antifungal Activity, and Cytotoxicity of AgBr-NP@CTMAB Hybrid and Its Application in PMMA. <i>International Journal of Nanomedicine</i> , 2021 , 16, 3091-3103	7.3	0
3	A Three-Component Hybrid Templated by Asymmetric Viologen Exhibiting Visible-Light-Driven Photocatalytic Degradation on Dye Pollutant in Maritime Accident Seawater. <i>Catalysts</i> , 2021 , 11, 640	4	0
2	New Three-Dimensional Lanthanide-Alkali Heterometallic Frameworks Constructed from Isonicotinic Acid: Synthesis, Structures and Properties. <i>Journal of Cluster Science</i> , 2014 , 25, 581-590	3	
1	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> , 2011 , 41, 932-939		