

Hao-Hong Li

List of Publications by Year in descending order

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papers

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304602

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docs citations

86
times ranked

1539
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold plasmon-induced photocatalytic dehydrogenative coupling of methane to ethane on polar oxide surfaces. <i>Energy and Environmental Science</i> , 2018, 11, 294-298.	15.6	202
2	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.	1.4	115
3	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.	1.0	81
4	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.	1.4	78
5	Two Iodoargentate Hybrid Coordination Polymers Induced by Transition-Metal Complexes: Structures and Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1068-1073.	1.4	69
6	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.	7.2	66
7	Iodoargentate/iodobismuthate-based materials hybridized with lanthanide-containing metalloviologens: thermochromic behaviors and photocurrent responses. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1162-1173.	3.0	61
8	Decarboxylative Trifluoromethylating Reagent [Cu(O ₂ CCF ₃)(phen)] and Difluorocarbene Precursor [Cu(phen) ₂][O ₂ CCF ₂ Cl]. <i>Chemistry - A European Journal</i> , 2016, 22, 2075-2084.	1.7	59
9	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.	1.9	52
10	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.	1.6	50
11	Rigidity/flexibility competition in organic/iodoargentate hybrids: a combined experimental and theoretical study. <i>CrystEngComm</i> , 2013, 15, 1721.	1.3	50
12	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.	1.4	47
13	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.	1.2	47
14	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.	1.9	45
15	Antibacterial Properties of Functionalized Gold Nanoparticles and Their Application in Oral Biology. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-13.	1.5	39
16	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.	3.2	38
17	Nonvolatile Electrical Bistability Behaviors Observed in Au/Ag Nanoparticle-Embedded MOFs and Switching Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47073-47082.	4.0	30
18	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.	0.6	28

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19	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.	1.8	27
20	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.	1.6	27
21	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.	1.3	25
22	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.	4.0	23
23	Structure and self-assembly synthesis of a novel heterometallic one-dimensional coordination polymer: {[Cu(II)(DETA)I \cdot DMF] ₂ [Pb ₂ I ₆]} _n . <i>Journal of Chemical Crystallography</i> , 2006, 36, 419-425.	0.5	22
24	Hybrid Polymeric Iodoplumbates Constructed from Morpholine and Its Derivatives: Structures and Properties. <i>Dalton Transactions</i> , 2010, 39, 11000.	1.6	22
25	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.	1.4	21
26	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.	0.6	21
27	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.	1.8	21
28	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.	1.6	20
29	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.	1.7	19
30	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.	1.4	19
31	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.	0.5	18
32	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.	1.0	18
33	A 2-D framework incorporating lanthanide metal complex linkers into polymeric iodoplumbate. <i>CrystEngComm</i> , 2009, 11, 545-548.	1.3	17
34	Structural diversities of squarate-based complexes: photocurrent responses and thermochromic behaviours enhanced by viologens. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 189-199.	3.0	17
35	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.	3.0	17
36	An organic-inorganic hybrid heterobridging luminescent copper(i) polymer exhibiting thermochromic behavior. <i>CrystEngComm</i> , 2011, 13, 1778.	1.3	15

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37	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
38	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.	1.8	15
39	Combination of <i>N</i> -Arylstilbazolium Organic Nonlinear Optical Chromophores with Iodoargentates: Structural Diversities and Optical Properties. <i>Crystal Growth and Design</i> , 2018, 18, 3827-3840.	1.4	15
40	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.	2.7	14
41	Two Neutral Heterometallic Iodoargentate Hybrid Frameworks: Structures and Properties. <i>Journal of Cluster Science</i> , 2011, 22, 573-586.	1.7	13
42	Unprecedented five-fold interpenetrated donor-acceptor hybrid heterostructure induced by anion interactions. <i>CrystEngComm</i> , 2019, 21, 6688-6692.	1.3	13
43	Synthesis and Characterization of Organically Templated Copper Halides with Zero and One-dimensional Hybrid Structures: $(nbq)_4Cu_4I_8$ and $[(ipq)_2(Cu_5I_7)]_n$. <i>Journal of Cluster Science</i> , 2007, 18, 817-829.	1.7	12
44	A New Semi-conductive Copper(I) Halide Coordination Polymer: Synthesis, Structure, and Theoretical Study. <i>Journal of Cluster Science</i> , 2009, 20, 515-523.	1.7	12
45	Introducing Transition-Metal Complex Together with Conjugated Ligand into Polymeric Iodoplumbate: Structure Characterization, Properties and Theoretical Study of a New Semi-Conductive Hybrid: $\{[Cu(II)(2,2\text{-bipy})_3][Pb_2I_6]\}_n$. <i>Journal of Cluster Science</i> , 2009, 20, 611-620.	1.7	12
46	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , 2019, 55, 15065-15068.	2.2	12
47	Introducing p-block metals into Iodoargentates: structures and properties of two new heterometallic hybrids. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3851-3859.	0.8	11
48	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.	1.4	11
49	Lanthanide-Bismuth Heterometallics Combined Lanthanide Metal Complexes with Bismuth Iodides: Structures and Properties. <i>Journal of Cluster Science</i> , 2012, 23, 383-393.	1.7	10
50	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.	1.7	10
51	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.	2.6	9
52	Theoretical analysis on yellow emission of gallium nitride with vacancy defects or impurities. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 521-525.	0.5	9
53	Structure and property variations of lead iodide-organic coordination polymers tuned by substituted groups on phenanthroline. <i>CrystEngComm</i> , 2011, 13, 6766.	1.3	9
54	Novel Viologen/Iodobismuthate Hybrids: Structures, Thermochromisms and Theoretical Calculations. <i>Journal of Cluster Science</i> , 2020, 31, 943-950.	1.7	9

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55	Persistent radical anions in panchromatic D-A hybrid heterostructures induced by anion- π interactions. <i>Dyes and Pigments</i> , 2020, 180, 108468.	2.0	9
56	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.	1.8	8
57	Synthesis, Properties, and Theoretical Study of a Cation-Induced Iodoargentate Hybrid: [(PIP-H) ₂] ₄ ·(Ag ₄ I ₁₂) ₂ ·H ₂ O. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 583-589.	0.6	8
58	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.	0.6	8
59	A new heterometallic hybrid based on polymeric iodoplumbate and lanthanide metal-carboxylic coordination polycation. <i>Journal of Molecular Structure</i> , 2013, 1035, 109-113.	1.8	8
60	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.	1.7	8
61	Halocadmium Clusters with Different Linkage Modes Templated by Methyl Viologen: Structure, Photoluminescence, and Thermochromism. <i>Journal of Cluster Science</i> , 2016, 27, 513-521.	1.7	8
62	Organocatalyzed styrene epoxidation accelerated by continuous-flow reactor. <i>Journal of Flow Chemistry</i> , 2020, 10, 227-234.	1.2	8
63	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.	0.1	8
64	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.	2.8	8
65	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.	1.7	7
66	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.	1.3	7
67	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.	1.7	7
68	Achievement of intrinsic white light emission by hybridization-deformable haloplumbates with rigid luminescent naphthalene motifs. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4477-4487.	3.0	7
69	A New Rare-Earth Metal Coordination Polymer Constructed from N-hetero Aromatic Multicarboxylate Ligand. <i>Journal of Cluster Science</i> , 2010, 21, 825-835.	1.7	6
70	Luminescent uranium-thiophene dicarboxylate frameworks supported by transition-metal-organic cations: dimensionality and luminescence control in uranyl speciation. <i>CrystEngComm</i> , 2022, 24, 3556-3564.	1.3	5
71	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.	3.0	4
72	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, Volume 15, 6225-6237.	3.3	4

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73	Synthesis, Antifungal Activity, and Cytotoxicity of AgBr-NP@CTMAB Hybrid and Its Application in PMMA. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3091-3103.	3.3	4
74	Thermal-Responsive Polyoxometalate-Metalloviologen Hybrid: Reversible Intermolecular Three-Component Reaction and Temperature-Regulated Resistive Switching Behaviors. <i>Angewandte Chemie</i> , 2021, 133, 17048-17053.	1.6	4
75	Photo-sensitive hybrids constructed from diphenyliodonium and metal-thiocyanates: photo-induced structure and property transformations. <i>CrystEngComm</i> , 2022, 24, 1237-1247.	1.3	4
76	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.	1.7	3
77	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.	1.6	3
78	The visible light-triggered nonvolatile memory performances in melamine-decorated π-oriented lead halide perovskites: A photo-responsive structural evolution insight. <i>Chinese Chemical Letters</i> , 2023, 34, 107464.	4.8	2
79	Sensitive Luminescent Mechanochromism and Unique Luminescent Thermochromism Tuned by Bending P-Skeleton in Di-phosphonium/ Iodocuprate(I) Hybrid. <i>CrystEngComm</i> , 0, , .	1.3	2
80	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.	0.7	1
81	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.	1.7	1
82	Heterometallic iodoplumbates modified by copper(I) or silver(I) with viologens. <i>Journal of Coordination Chemistry</i> , 2017, 70, 71-83.	0.8	1
83	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.	0.6	0
84	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.	1.7	0
85	Zero-dimensional antimony(III) halides templated by ruthenium complexes: photoluminescence, thermochromism and photo/electrical performances. <i>Inorganic and Nano-Metal Chemistry</i> , 2023, 53, 428-436.	0.9	0