

Mei-Jin Lin

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.

93
papers

1,612
citations

22
h-index

36
g-index

101
ext. papers

1,911
ext. citations

5.1
avg, IF

5.14
L-index

#	Paper	IF	Citations
93	Two Face Diagonally Linked Cuboid Coordination Networks with Enhanced Thermal Stability. <i>Crystal Growth and Design</i> , 2022 , 22, 1384-1389	3.5	0
92	Dynamic covalent synthesis of conjugated macrocyclic maleimides with interesting solvatochromic luminescent properties. <i>Dyes and Pigments</i> , 2022 , 198, 110031	4.6	0
91	Photochromic Polyoxometalate/Perylenediimide Donor-Acceptor Hybrid Crystals with Interesting Luminescent Properties.. <i>Inorganic Chemistry</i> , 2022 , 61, 105-112	5.1	3
90	Synthesis and characterization of viologen functionalized fluorene-containing poly(arylene ether ketone)s for polymer batteries. <i>Electrochimica Acta</i> , 2022 , 140556	6.7	0
89	Donor-Acceptor Hybrid Heterostructures: An Emerging Class of Photoactive Materials with Inorganic and Organic Semiconductive Components.. <i>Small</i> , 2022 , e2201159	11	2
88	Donor-Acceptor Conjugated Heptazine Polymers with Highly Efficient Photocatalytic Degradations towards Tetracyclines. <i>Macromolecular Rapid Communications</i> , 2021 , e2100577	4.8	1
87	Photochromic and Room Temperature Phosphorescent Donor-Acceptor Hybrid Crystals Regulated by Core-Substituted Naphthalenediimides. <i>Inorganic Chemistry</i> , 2021 , 60, 16233-16240	5.1	3
86	In-situ construction of novel naphthalenediimide/metal-iodide hybrid heterostructures for enhanced photoreduction of Cr (VI). <i>Dyes and Pigments</i> , 2021 , 187, 109146	4.6	3
85	Photochromic and Room-Temperature Phosphorescent D-A Hybrid Crystals Induced by Anion- π Interactions. <i>Crystal Growth and Design</i> , 2021 , 21, 3511-3520	3.5	5
84	Photochromism- and Photoluminescence-Tunable Heterobimetallic Supramolecular Hybrid Isomers. <i>Crystal Growth and Design</i> , 2021 , 21, 2856-2867	3.5	3
83	Superhydrophobic coatings based on thermally and chemically stable fluorinated poly(aryl ether)/SiO ₂ /carbon nanotube. <i>Journal of Materials Research</i> , 2021 , 36, 1705-1717	2.5	0
82	An AIE-Active conjugated macrocyclic tetramaleimide for Turn-On far red/near-infrared fluorescent bioimaging. <i>Dyes and Pigments</i> , 2021 , 190, 109324	4.6	6
81	Construction of Novel Polyoxometalate/Perylenediimide Hybrid Heterostructures for Enhanced Photocatalytic Oxidation of Mustard Gas Simulants. <i>Crystal Growth and Design</i> , 2021 , 21, 4738-4745	3.5	4
80	Controlling molecular packing via diffusion methods for enhanced photochromic properties in D-A hybrid heterostructures. <i>Dyes and Pigments</i> , 2021 , 186, 109027	4.6	5
79	Structural design of small-molecule carbon-nitride dyes for photocatalytic hydrogen evolution. <i>Dyes and Pigments</i> , 2021 , 185, 108946	4.6	4
78	Fluorinated poly(fluorenyl ether)s with linear multi-cationic side chains for vanadium redox flow batteries. <i>Science China Materials</i> , 2021 , 64, 349-361	7.1	6
77	Encapsulating third donors into D-A hybrid heterostructures to form three-component charge-transfer complexes for enhanced electrical properties. <i>Dalton Transactions</i> , 2021 , 50, 13961-13967	4.3	2

76	Photochromic and photocontrolled luminescent rare-earth D π A hybrid crystals based on rigid viologen acceptors. <i>CrystEngComm</i> , 2021 , 23, 6267-6275	3.3	1
75	Biomimetic donor-acceptor motifs in carbon nitrides: Enhancing red-light photocatalytic selective oxidation by rational surface engineering. <i>Applied Catalysis B: Environmental</i> , 2021 , 294, 120259	21.8	11
74	Photochromism and photomagnetism in three cyano-bridged 3d-4f heterobimetallic viologen frameworks. <i>Dalton Transactions</i> , 2021 , 50, 4959-4966	4.3	8
73	Designing a highly stable coordination-driven metallacycle for imaging-guided photodynamic cancer theranostics. <i>Chemical Science</i> , 2020 , 11, 7940-7949	9.4	12
72	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
71	A heterometallic D π A hybrid heterostructural framework with enhanced visible-light photocatalytic properties. <i>CrystEngComm</i> , 2020 , 22, 420-424	3.3	13
70	Three-component D-A hybrid heterostructures with enhanced photochromic, photomodulated luminescence and selective anion-sensing properties. <i>Dalton Transactions</i> , 2020 , 49, 13083-13089	4.3	12
69	Impact of diffusion methods and metal cations on photochromic three-component D-A hybrid heterostructures. <i>Dalton Transactions</i> , 2020 , 49, 12411-12417	4.3	7
68	Tetra-alkylsulfonate functionalized poly(aryl ether) membranes with nanosized hydrophilic channels for efficient proton conduction. <i>Journal of Energy Chemistry</i> , 2020 , 40, 57-64	12	13
67	Switching on room-temperature phosphorescence of photochromic hybrid heterostructures by anion- π interactions. <i>Dyes and Pigments</i> , 2020 , 173, 107943	4.6	21
66	Anion- π interactions in lithium-organic redox flow batteries. <i>Chemical Communications</i> , 2019 , 55, 2364-2367	6.7	19
65	Selectivity enhancement of quaternized poly(arylene ether ketone) membranes by ion segregation for vanadium redox flow batteries. <i>Science China Chemistry</i> , 2019 , 62, 479-490	7.9	15
64	The impact of vertical π -extension on redox mechanisms of aromatic diimide dyes. <i>Chinese Chemical Letters</i> , 2019 , 30, 2254-2258	8.1	9
63	7, 8-Dichlorobenzo[ghi]perylene triimide: A versatile synthon for bay-substituted π -extended perylene dyes. <i>Dyes and Pigments</i> , 2019 , 167, 83-88	4.6	8
62	Four isostructural lanthanide(III) coordination compounds based on a new N-oxydic pyridyl naphthalenediimide ligand: synthesis and characterization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 38-45	0.8	1
61	Unprecedented five-fold interpenetrated donor-acceptor hybrid heterostructure induced by anion- π interactions. <i>CrystEngComm</i> , 2019 , 21, 6688-6692	3.3	9
60	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
59	1,1'-Bi(2-naphthol-4,5-dicarboximide)s: blue emissive axially chiral scaffolds with aggregation-enhanced emission properties. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3731-3740	5.2	2

58	Cocrystals of naphthalene diimide with naphthalene derivatives: A facile approach to tune the luminescent properties. <i>Dyes and Pigments</i> , 2018 , 149, 59-64	4.6	17
57	Stable Bifunctional Perylene Imide Radicals for High-Performance Organic-Lithium Redox-Flow Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 13188-13196	4.8	14
56	Two novel donor-acceptor hybrid heterostructures with enhanced visible-light photocatalytic properties. <i>Dalton Transactions</i> , 2018 , 47, 12041-12045	4.3	22
55	A bicontinuous donor-acceptor hybrid heterostructure based on coordination and cation- π interactions. <i>CrystEngComm</i> , 2018 , 20, 7795-7801	3.3	3
54	An electron-deficient nanosized polycyclic aromatic hydrocarbon with enhanced anion- π interactions. <i>Chemical Communications</i> , 2018 , 54, 11941-11944	5.8	17
53	Photoexcited perylene diimide radical anions for the reduction of aryl halides: a bay-substituent effect. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2296-2302	5.2	40
52	Structural insights into the aggregation-induced emission mechanism of naphthalene diimide solids. <i>Dyes and Pigments</i> , 2017 , 145, 469-475	4.6	11
51	Construction of a bicontinuous donor-acceptor hybrid material at the molecular level by inserting inorganic nanowires into porous MOFs. <i>Chemical Communications</i> , 2017 , 53, 4481-4484	5.8	34
50	A Laterally Extended Perylene Hexacarboxylate via Diels-Alder Reaction for High-Performance Organic Lithium-Ion Batteries. <i>Electrochimica Acta</i> , 2017 , 254, 255-261	6.7	16
49	Molecular Engineering of Perylene Imides for High-Performance Lithium Batteries: Diels-Alder Extension and Chiral Dimerization. <i>Chemistry - A European Journal</i> , 2017 , 23, 16612-16620	4.8	29
48	Assembly of donor-acceptor hybrid heterostructures based on iodoplumbates and viologen coordination polymers. <i>Dalton Transactions</i> , 2017 , 46, 11556-11560	4.3	28
47	The catassembled generation of naphthalene diimide coordination networks with lone pair- π interactions. <i>Science China Chemistry</i> , 2016 , 59, 1492-1497	7.9	5
46	Encapsulating Naphthalene in an Electron-Deficient MOF to Enhance Fluorescence for Organic Amines Sensing. <i>Inorganic Chemistry</i> , 2016 , 55, 3680-4	5.1	90
45	Syntheses and structures of discrete copper(II) and cadmium(II) supramolecular complexes based on 1,4-diacylthiosemicarbazone ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016 , 72, 119-23	0.8	0
44	Two-semiconductive-component hybrid coordination polymers with controllable photo-induced electron-transfer properties. <i>Dalton Transactions</i> , 2016 , 45, 6339-42	4.3	42
43	Anion-Mediated Architecture and Photochromism of Rigid Bipyridinium-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2016 , 16, 2836-2842	3.5	61
42	Mixed-metal metallocavitands: a new approach to tune their electrostatic potentials for controllable selectivity towards substituted benzene derivatives. <i>Dalton Transactions</i> , 2015 , 44, 9370-4	4.3	5
41	Naphthalene Diimide Templated Synthesis of Pillar[6]arenes. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 339-342	4.9	5

40	Luminescent Coordination Polymer with Conjugated Lewis Acid Sites for the Detection of Organic Amines. <i>Crystal Growth and Design</i> , 2015 , 15, 5040-5046	3.5	60
39	The impact of lone pair-π interactions on photochromic properties in 1-D naphthalene diimide coordination networks. <i>Dalton Transactions</i> , 2015 , 44, 17312-7	4.3	41
38	Lone pair-π interaction-induced generation of non-interpenetrated and photochromic cuboid 3-D naphthalene diimide coordination networks. <i>Dalton Transactions</i> , 2015 , 44, 653-8	4.3	38
37	Photogeneration of two reduction-active charge-separated states in a hybrid crystal of polyoxometalates and naphthalene diimides. <i>Dalton Transactions</i> , 2015 , 44, 484-7	4.3	33
36	Cooperative effect of anion-π and electrostatic interactions in NIR absorbing phenolate naphthalene diimide conjugates. <i>Dyes and Pigments</i> , 2015 , 113, 251-256	4.6	12
35	Naphthalene diimide cocrystals: A facile approach to tune the optical properties. <i>Dyes and Pigments</i> , 2015 , 113, 318-324	4.6	10
34	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13980-4	16.4	58
33	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie</i> , 2015 , 127, 14186-14190	3.6	27
32	A panchromatic hybrid crystal of iodoplumbate nanowires and J-aggregated naphthalene diimides with long-lived charge-separated states. <i>Dalton Transactions</i> , 2015 , 44, 5957-60	4.3	71
31	Lone pair-π interactions in naphthalene diimide acid dyes. <i>Supramolecular Chemistry</i> , 2015 , 27, 460-464	1.8	8
30	Electron-deficient naphthalene diimides as efficient planar acid organocatalysts for selective oxidative C-C coupling of 2,6-di-tert-butylphenol: A temperature effect. <i>Journal of Molecular Catalysis A</i> , 2014 , 385, 26-30		11
29	Structure-property relationships for 1,7-diphenoxy-perylene bisimides in solution and in the solid state. <i>Chemical Science</i> , 2014 , 5, 608-619	9.4	78
28	A photochromic naphthalene diimide coordination network sensitized by polyoxometalates. <i>Dalton Transactions</i> , 2014 , 43, 17908-11	4.3	49
27	Cooperative lone pair-π and coordination interactions in naphthalene diimide coordination networks. <i>CrystEngComm</i> , 2014 , 16, 9090-9095	3.3	36
26	Discrete polynuclear manganese nanorods: syntheses, crystal structures and magnetic properties. <i>RSC Advances</i> , 2014 , 4, 40958-40963	3.7	3
25	Lanthanide contraction in linear lanthanide-oxygen clusters. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3542-3550	1.6	2
24	Transition metal complexes of axially chiral tetrathioether bay-substituted perylene bisimide dyes. <i>Chemical Communications</i> , 2013 , 49, 9107-9	5.8	18
23	An electron-deficient metallocavitand with an unusual selectivity towards substituted benzene derivatives during co-crystallizations. <i>Chemical Communications</i> , 2013 , 49, 11512-4	5.8	15

22	From achiral tetrazolate-based tectons to chiral coordination networks: effects of substituents on the structures and NLO properties. <i>CrystEngComm</i> , 2013 , 15, 8180	3.3	17
21	Hydrothermal synthesis of benzothiazole-carboxylic cadmium(II) coordination networks: pH-controlled topologies and compositional distributions. <i>CrystEngComm</i> , 2013 , 15, 343-348	3.3	8
20	Charge transport through perylene bisimide molecular junctions: An electrochemical approach. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 2458-2467	1.3	20
19	The chemical stabilities of phthalocyanine monomers vs. aggregations. <i>Journal of Molecular Catalysis A</i> , 2013 , 372, 100-104		8
18	Coordination polymers of tetrazole-yl acylamide with octahedrally coordinated divalent transition metals: the effects of metal centers and side-groups on the structural topologies and symmetries. <i>CrystEngComm</i> , 2013 , 15, 4830	3.3	9
17	Bay-substituted perylene bisimide dye with an undistorted planar scaffold and outstanding solid state fluorescence properties. <i>Chemical Communications</i> , 2012 , 48, 12050-2	5.8	83
16	2-Carb-oxy-6-(quinolin-1-ium-8-yl-oxy)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1351		2
15	Halochromic Phenolate Perylene Bisimides with Unprecedented NIR Spectroscopic Properties. <i>Angewandte Chemie</i> , 2011 , 123, 11039-11042	3.6	18
14	Halochromic phenolate perylene bisimides with unprecedented NIR spectroscopic properties. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10847-50	16.4	50
13	Molecular tectonics: control of interpenetration in cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2011 , 13, 776-778	3.3	27
12	Molecular tectonics: chaining cages into a 1-D coordination network. <i>CrystEngComm</i> , 2010 , 12, 67-69	3.3	8
11	Molecular tectonics: modulation of size and shape of cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2009 , 11, 189-191	3.3	44
10	The effect of protonation on the spectra and stabilities of alkoxy substituted phthalocyaninatometals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 71, 1188-92	4.4	15
9	The crystal structure of octakis(pentoxy-phthalocyaninatocopper with pyridines axially substituted: the molecules stacked with J-aggregates. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1479-1484	1.6	2
8	The spectra and stabilities of alkoxy-substituted phthalocyaninatometals. <i>Journal of Molecular Catalysis A</i> , 2007 , 273, 156-159		4
7	Effect of non-peripheral alkyloxy substituents on the structure and spectroscopic properties of metal-free phthalocyanines. <i>Journal of Molecular Structure</i> , 2007 , 837, 284-289	3.4	13
6	A convenient synthesis of a substituted phthalocyanine compound. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 607-611	1.6	11
5	1,15-Bis-(2,2,4-trimethyl-3-pentoxy)phthalocyanine, a trans-form nonperipheral di-substituted phthalocyanine synthesized by the cross condensation method. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5074-5076	2.3	11

4	Spectra and stabilities of β -substituted phthalocyaninatoirons. <i>Journal of Molecular Catalysis A</i> , 2006 , 253, 25-29		4
3	Different conformations of phthalocyanine skeletons in a structure of Exo-bis(phthalocyaninato)iron with asymmetry coordination. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 900-902	3.1	6
2	Crystal Structure of Octaethyloxyphthalocyaninato Copper, the Overlap Affect on the Ring Skeleton Distortion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1352-1354	1.3	12
1	Intramolecular Energy and Solvent-dependent Chirality Transfer within a BINOL-Perylene Hetero-Cyclophane. <i>Angewandte Chemie - International Edition</i> ,	16.4	1