

Mei-Jin Lin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8142897/mei-jin-lin-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
92	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
91	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
90	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
89	Anion-Mediated Architecture and Photochromism of Rigid Bipyridinium-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2016 , 16, 2836-2842	3.5	61
88	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
87	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13980-4	16.4	58
86	Halochromic phenolate perylene bisimides with unprecedented NIR spectroscopic properties. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10847-50	16.4	50
85	A photochromic naphthalene diimide coordination network sensitized by polyoxometalates. <i>Dalton Transactions</i> , 2014 , 43, 17908-11	4.3	49
84	Molecular tectonics: modulation of size and shape of cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2009 , 11, 189-191	3.3	44
83	Two-semiconductive-component hybrid coordination polymers with controllable photo-induced electron-transfer properties. <i>Dalton Transactions</i> , 2016 , 45, 6339-42	4.3	42
82	The impact of lone pair-interactions on photochromic properties in 1-D naphthalene diimide coordination networks. <i>Dalton Transactions</i> , 2015 , 44, 17312-7	4.3	41
81	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
80	Lone pair-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
79	Cooperative lone pair and coordination interactions in naphthalene diimide coordination networks. <i>CrystEngComm</i> , 2014 , 16, 9090-9095	3.3	36
78	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
77	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

76	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
75	Assembly of donor-acceptor hybrid heterostructures based on iodoplumbates and viologen coordination polymers. <i>Dalton Transactions</i> , 2017 , 46, 11556-11560	4.3	28
74	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie</i> , 2015 , 127, 14186-14190	3.6	27
73	Molecular tectonics: control of interpenetration in cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2011 , 13, 776-778	3.3	27
72	Two novel donor-acceptor hybrid heterostructures with enhanced visible-light photocatalytic properties. <i>Dalton Transactions</i> , 2018 , 47, 12041-12045	4.3	22
71	Switching on room-temperature phosphorescence of photochromic hybrid heterostructures by anion- π interactions. <i>Dyes and Pigments</i> , 2020 , 173, 107943	4.6	21
70	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
69	Anion- π interactions in lithium-organic redox flow batteries. <i>Chemical Communications</i> , 2019 , 55, 2364-2367	3.7	19
68	Transition metal complexes of axially chiral tetrathioether bay-substituted perylene bisimide dyes. <i>Chemical Communications</i> , 2013 , 49, 9107-9	5.8	18
67	Halochromic Phenolate Perylene Bisimides with Unprecedented NIR Spectroscopic Properties. <i>Angewandte Chemie</i> , 2011 , 123, 11039-11042	3.6	18
66	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
65	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
64	An electron-deficient nanosized polycyclic aromatic hydrocarbon with enhanced anion- π interactions. <i>Chemical Communications</i> , 2018 , 54, 11941-11944	5.8	17
63	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
62	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
61	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
60	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
59	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

58	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
57	A heterometallic D _{3h} hybrid heterostructural framework with enhanced visible-light photocatalytic properties. <i>CrystEngComm</i> , 2020 , 22, 420-424	3-3	13
56	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
55	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
54	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
53	Designing a highly stable coordination-driven metallacycle for imaging-guided photodynamic cancer theranostics. <i>Chemical Science</i> , 2020 , 11, 7940-7949	9-4	12
52	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
51	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
50	Structural insights into the aggregation-induced emission mechanism of naphthalene diimide solids. <i>Dyes and Pigments</i> , 2017 , 145, 469-475	4.6	11
49	Electron-deficient naphthalene diimides as efficient planar β -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
48	A convenient synthesis of a substituted phthalocyanine compound. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 607-611	1.6	11
47	1,15-Bis-(2,2,4-trimethyl-3-pentoxo)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
46	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
45	Naphthalene diimide cocrystals: A facile approach to tune the optical properties. <i>Dyes and Pigments</i> , 2015 , 113, 318-324	4.6	10
44	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
43	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
42	Unprecedented five-fold interpenetrated donor-acceptor hybrid heterostructure induced by anion- π interactions. <i>CrystEngComm</i> , 2019 , 21, 6688-6692	3-3	9
41	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

40	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
39	Lone pair-π interactions in naphthalene diimide-β acid dyes. <i>Supramolecular Chemistry</i> , 2015 , 27, 460-464	1.8	8
38	The chemical stabilities of phthalocyanine monomers vs. aggregations. <i>Journal of Molecular Catalysis A</i> , 2013 , 372, 100-104		8
37	Molecular tectonics: chaining cages into a 1-D coordination network. <i>CrystEngComm</i> , 2010 , 12, 67-69	3.3	8
36	Photochromism and photomagnetism in three cyano-bridged 3d-4f heterobimetallic viologen frameworks. <i>Dalton Transactions</i> , 2021 , 50, 4959-4966	4.3	8
35	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
34	Different conformations of phthalocyanine skeletons in a structure of βxo-bis(phthalocyaninato)iron with asymmetry coordination. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 900-902	3.1	6
33	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
32	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
31	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
30	Naphthalene Diimide Templated Synthesis of Pillar[6]arenes. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 339-342	4.9	5
29	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
28	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
27	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
26	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
25	The spectra and stabilities of alkoxy-substituted phthalocyaninatometals. <i>Journal of Molecular Catalysis A</i> , 2007 , 273, 156-159		4
24	Spectra and stabilities of β-substituted phthalocyaninatoirons. <i>Journal of Molecular Catalysis A</i> , 2006 , 253, 25-29		4
23	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

22	Structural design of small-molecule carbon-nitride dyes for photocatalytic hydrogen evolution. <i>Dyes and Pigments</i> , 2021 , 185, 108946	4.6	4
21	Discrete polynuclear manganese nanorods: syntheses, crystal structures and magnetic properties. <i>RSC Advances</i> , 2014 , 4, 40958-40963	3.7	3
20	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
19	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
18	Photochromism- and Photoluminescence-Tunable Heterobimetallic Supramolecular Hybrid Isomers. <i>Crystal Growth and Design</i> , 2021 , 21, 2856-2867	3.5	3
17	A bicontinuous donor-acceptor hybrid heterostructure based on coordination and cation- π interactions. <i>CrystEngComm</i> , 2018 , 20, 7795-7801	3.3	3
16	Photochromic Polyoxometalate/Perylenediimide Donor-Acceptor Hybrid Crystals with Interesting Luminescent Properties.. <i>Inorganic Chemistry</i> , 2022 , 61, 105-112	5.1	3
15	Lanthanide contraction in linear lanthanide-oxygen clusters. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3542-3550	1.6	2
14	2-Carb-oxy-6-(quinolin-1-ium-8-yl-oxy)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1351		2
13	The crystal structure of octakis(pentoxo-phthalocyaninato)copper with pyridines axially substituted: the molecules stacked with J-aggregates. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1479-1484	1.6	2
12	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
11	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 ³	4.3	2
10	Donor-Acceptor Hybrid Heterostructures: An Emerging Class of Photoactive Materials with Inorganic and Organic Semiconductive Components.. <i>Small</i> , 2022 , e2201159	11	2
9	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
8	Donor-Acceptor Conjugated Heptazine Polymers with Highly Efficient Photocatalytic Degradations towards Tetracyclines. <i>Macromolecular Rapid Communications</i> , 2021 , e2100577	4.8	1
7	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
6	Intramolecular Energy and Solvent-dependent Chirality Transfer within a BINOL-Perylene Hetero-Cyclophane. <i>Angewandte Chemie - International Edition</i> ,	16.4	1
5	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

- | | | | |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 4 | Dynamic covalent synthesis of conjugated macrocyclic maleimides with interesting solvatochromic luminescent properties. <i>Dyes and Pigments</i> , 2022 , 198, 110031 | 4.6 | o |
| 3 | Synthesis and characterization of viologen functionalized fluorene-containing poly(arylene ether ketone)s for polymer batteries. <i>Electrochimica Acta</i> , 2022 , 140556 | 6.7 | o |
| 2 | Two Face Diagonally Linked Cuboid Coordination Networks with Enhanced Thermal Stability. <i>Crystal Growth and Design</i> , 2022 , 22, 1384-1389 | 3.5 | |
| 1 | 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 | |