Feng-Rong Dai

List of Publications by Year
in descending order

43 papers	1,120 citations	471509 17 h-index	414414 32 g-index
46 all docs	46 docs citations	46 times ranked	1338 citing authors

#	Article	IF	Citations
1	Modular Assembly of Metalâ€“Organic Supercontainers Incorporating Sulfonylcalixarenes. Journal of the American Chemical Society, 2012, 134, 8002-8005.	13.7	147
2	Synthetic Supercontainers Exhibit Distinct Solution versus Solid State Guest-Binding Behavior. Journal of the American Chemical Society, 2014, 136, 7480-7491.	13.7	114
3	Platinum(II)â€“Bis(aryleneethynylene) Complexes for Solutionâ€Processible Molecular Bulk Heterojunction Solar Cells. Chemistry - A European Journal, 2012, 18, 1502-1511.	3.3	93
4	Sensitization of Lanthanide Luminescence in Heterotrinuclear PtLn₂(Ln = Eu, Nd, Yb) Complexes with Terpyridyl-Functionalized Alkynyl by Energy Transfer from a Platinum(II) Alkynyl Chromophore. Organometallics, 2007, 26, 4483-4490.	2.3	57
5	Modulating guest binding in sulfonylcalixarene-based metalâ€“organic supercontainers. Chemical Communications, 2014, 50, 5385-5387.	4.1	55
6	Photophysical and anion sensing properties of platinum(ii) terpyridyl complexes with phenolic ethynyl ligands. Dalton Transactions, 2007, , 3885.	3.3	54
7	Effect of butterfly-shaped sulfur-bridged ligand and counter anions on the catalytic activity and diastereoselectivity of organobismuth complexes. Dalton Transactions, 2011, 40, 9482.	3.3	42
8	Preparation, Characterization, and Photophysical Properties of Ptâ‹¯M (M = Ru, Re) Heteronuclear Complexes with 1,10-Phenanthrolineethynyl Ligands. Inorganic Chemistry, 2008, 47, 2811-2819.	4.0	35
9	Unsymmetric Platinum(II) Bis(aryleneethynylene) Complexes as Photosensitizers for Dyeâ€Sensitized Solar Cells. Chemistry - an Asian Journal, 2012, 7, 1426-1434.	3.3	35
10	Two-step phosphorescent mechanochromism due to intramolecular deformation. Journal of Materials Chemistry C, 2020, 8, 715-720.	5.5	33
11	New bithiazole-functionalized organic photosensitizers for dye-sensitized solar cells. Dyes and Pigments, 2013, 96, 516-524.	3.7	31
12	pHâ€Modulated Molecular Assemblies and Surface Properties of Metalâ€“Organic Supercontainers at the Airâ€“Water Interface. Angewandte Chemie - International Edition, 2014, 53, 10965-10969.	13.8	29
13	Designing structurally tunable and functionally versatile synthetic supercontainers. Inorganic Chemistry Frontiers, 2016, 3, 243-249.	6.0	29
14	Heteroleptic ruthenium complexes containing uncommon 5,5â€²-disubstituted-2,2â€²-bipyridine chromophores for dye-sensitized solar cells. Dalton Transactions, 2011, 40, 2314-2323.	3.3	28
15	(BMI)₃LnCl₆ Crystals as Models for the Coordination Environment of LnCl₃ (Ln = Sm, Eu, Dy, Er, Yb) in 1-Butyl-3-methylimidazolium Chloride Ionic-Liquid Solution. Inorganic Chemistry, 2014, 53, 5494-5501.	4.0	25
16	Syntheses, characterization and redox properties of oxo-centred triruthenium cluster dimers and trimers linked by ortho-metallated polypyridyl ligands. Dalton Transactions, 2008, , 1492.	3.3	20
17	Low-valence oxo-centred triruthenium complexes by bridging acetate substitution with pyrazolyldiazine or pyridinyltetrazine ligands. Dalton Transactions, 2009, , 8696.	3.3	20
18	Syntheses, crystal structures and properties of [K(2,2,2-crypt)]3K(HP7)2Â·en, [K(18-crown-6)]2HP7 and [K(db18-crown-6)]2HP7Â·toluene. Inorganica Chimica Acta, 2006, 359, 4265-4273.	2.4	17

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19	Low-Valence Triruthenium Compounds via Substitution of a Bridging Acetate in the Parent Ru3O(OAc)6Cluster Core by 2,2â€˜-Azobispyridine (abpy) or 2,2â€˜-Azobis(5-chloropyrimidine) (abcp). Inorganic Chemistry, 2007, 46, 6129-6135.	4.0	17
20	Pyridinium functionalized coordination containers as highly efficient electrocatalysts for sustainable oxygen evolution. Journal of Materials Chemistry A, 2017, 5, 23559-23565.	10.3	16
21	Sensitive and selective urinary 1-hydroxypyrene detection by dinuclear terbium-sulfonylcalixarene complex. Dalton Transactions, 2018, 47, 8301-8306.	3.3	16
22	Aggregation-induced emission enhancement and reversible mechanochromic luminescence of quinoline-based zinc(<scp>ii</scp>)â€“Schiff base complexes. Dalton Transactions, 2019, 48, 11045-11051.	3.3	16
23	Oligothiopheneâ€Bridged Bis(arylene ethynylene) Small Molecules for Solutionâ€Processible Organic Solar Cells with High Openâ€Circuit Voltage. Chemistry - an Asian Journal, 2013, 8, 1892-1900.	3.3	15
24	Sensitive and Specific Guest Recognition through Pyridiniumâ€Modification in Spindleâ€Like Coordination Containers. Chemistry - A European Journal, 2018, 24, 6580-6585.	3.3	15
25	Sulfonylcalixaren-Based ortho-Dicarboxylate-Bridged Coordination Containers for Guest Encapsulation and Separation. Crystal Growth and Design, 2019, 19, 1144-1148.	3.0	13
26	Spectroscopic, Electrochemical, and DFT Studies of Oxo-Centered Triruthenium Cluster Complexes with a Bis(tridentate) Triazine Ligand. European Journal of Inorganic Chemistry, 2011, 2011, 2306-2316.	2.0	11
27	New iridium(III) cyclometalates with extended absorption features for bulk heterojunction solar cells. Journal of Organometallic Chemistry, 2016, 812, 280-286.	1.8	11
28	Engineering solid-state porosity of synthetic supercontainers via modification of exo-cavities. Inorganic Chemistry Communication, 2017, 78, 61-64.	3.9	11
29	Stimuli-responsive metalâ€“organic supercontainers as synthetic proton receptors. Dalton Transactions, 2018, 47, 10256-10263.	3.3	11
30	Heterometallic Cerium(IV) Perrhenate, Permanganate, and Molybdate Complexes Supported by the Imidodiphosphinate Ligand [N(i-Pr2PO)2]â^'. Inorganic Chemistry, 2013, 52, 2556-2563.	4.0	10
31	Cooperative Binding and Stepwise Encapsulation of Drug Molecules by Sulfonylcalixarene-Based Metal-Organic Supercontainers. Molecules, 2020, 25, 2656.	3.8	10
32	Blue luminescent silver(I) complexes constructed by 2-diphenylphosphinopyridine and dicyanamide or tricyanomethanide. Inorganic Chemistry Communication, 2020, 116, 107916.	3.9	10
33	Precise Assembly and Supramolecular Catalysis of Tetragonal- and Trigonal-Elongated Octahedral Coordination Containers. CCS Chemistry, 2022, 4, 1098-1107.	7.8	10
34	Decahexanuclear Zinc(II) Coordination Container Featuring a Flexible Tetracarboxylate Ligand: A Self-Assembly Supermolecule for Highly Efficient Drug Delivery of Anti-Inflammatory Agents. ACS Applied Materials & Interfaces, 2021, 13, 33812-33820.	8.0	10
35	Organic Donor Materials Based on Bis(arylene ethynylene)s for Bulk Heterojunction Organic Solar Cells with High V_{oc} Values. Chemistry - an Asian Journal, 2015, 10, 1017-1024.	3.3	9
36	A magnesium-based coordination container as a multi-drugs co-loaded system for boosting anti-inflammatory therapy in joints. Chemical Engineering Journal, 2021, 415, 128939.	12.7	9

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37	Photochromic and electrochromic properties of oxo-centred triruthenium compounds with a dithienylethene bis(phosphine) ligand. Dalton Transactions, 2009, , 10244.	3.3	7
38	pH-Modulated Molecular Assemblies and Surface Properties of Metal-Organic Supercontainers at the Air-Water Interface. Angewandte Chemie, 2014, 126, 11145-11149.	2.0	7
39	Oxo-Centered Triruthenium-Acetate Cluster Complexes Derived from Axial or Bridging Ligand Substitution. Structure and Bonding, 2009, , 93-120.	1.0	7
40	Iodine Adsorption via Porous Molecular Solids Based on Coordination Containers Derived from Naphthalene-1,8-dicarboxylate. Crystal Growth and Design, 2022, 22, 3182-3189.	3.0	7
41	Langmuir-Blodgett Films of Hexamolybdate and Naphthylamine Prepared by Two Different Approaches: Synthesis, Characterization, and Materials Properties. European Journal of Inorganic Chemistry, 2012, 2012, 684-694.	2.0	4
42	Oxo-Centered Triruthenium-Acetate Cluster Complexes Derived from Axial or Bridging Ligand Substitution. Structure and Bonding, 2009, , 93-120.	1.0	4
43	[(1,10-Phenanthrolin-5-yl)ethynyl](triphenylposphine-ÎºP)gold(I). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1576-m1576.	0.2	0