

# Feng-Rong Dai

## List of Publications by Year in descending order

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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	Precise Assembly and Supramolecular Catalysis of Tetragonal- and Trigonal-Elongated Octahedral Coordination Containers. <i>CCS Chemistry</i> , 2022, 4, 1098-1107.	7.8	10
2	Iodine Adsorption via Porous Molecular Solids Based on Coordination Containers Derived from Naphthalene-1,8-dicarboxylate. <i>Crystal Growth and Design</i> , 2022, 22, 3182-3189.	3.0	7
3	A magnesium-based coordination container as a multi-drugs co-loaded system for boosting anti-inflammatory therapy in joints. <i>Chemical Engineering Journal</i> , 2021, 415, 128939.	12.7	9
4	Decahexanuclear Zinc(II) Coordination Container Featuring a Flexible Tetracarboxylate Ligand: A Self-Assembly Supramolecule for Highly Efficient Drug Delivery of Anti-Inflammatory Agents. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 33812-33820.	8.0	10
5	Two-step phosphorescent mechanochromism due to intramolecular deformation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 715-720.	5.5	33
6	Cooperative Binding and Stepwise Encapsulation of Drug Molecules by Sulfonylcalixarene-Based Metal-Organic Supercontainers. <i>Molecules</i> , 2020, 25, 2656.	3.8	10
7	Blue luminescent silver(I) complexes constructed by 2-diphenylphosphinopyridine and dicyanamide or tricyanomethanide. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107916.	3.9	10
8	Aggregation-induced emission enhancement and reversible mechanochromic luminescence of quinoline-based zinc( $\text{Zn}^{2+}$ ) Schiff base complexes. <i>Dalton Transactions</i> , 2019, 48, 11045-11051.	3.3	16
9	Sulfonylcalixarene-Based <i>ortho</i> -Dicarboxylate-Bridged Coordination Containers for Guest Encapsulation and Separation. <i>Crystal Growth and Design</i> , 2019, 19, 1144-1148.	3.0	13
10	Sensitive and Specific Guest Recognition through Pyridinium Modification in Spindle-Like Coordination Containers. <i>Chemistry - A European Journal</i> , 2018, 24, 6580-6585.	3.3	15
11	Sensitive and selective urinary 1-hydroxypyrene detection by dinuclear terbium-sulfonylcalixarene complex. <i>Dalton Transactions</i> , 2018, 47, 8301-8306.	3.3	16
12	Stimuli-responsive metal-organic supercontainers as synthetic proton receptors. <i>Dalton Transactions</i> , 2018, 47, 10256-10263.	3.3	11
13	Engineering solid-state porosity of synthetic supercontainers via modification of exo-cavities. <i>Inorganic Chemistry Communication</i> , 2017, 78, 61-64.	3.9	11
14	Pyridinium functionalized coordination containers as highly efficient electrocatalysts for sustainable oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23559-23565.	10.3	16
15	New iridium(III) cyclometalates with extended absorption features for bulk heterojunction solar cells. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 280-286.	1.8	11
16	Designing structurally tunable and functionally versatile synthetic supercontainers. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 243-249.	6.0	29
17	Organic Donor Materials Based on Bis(arylene ethynylene)s for Bulk Heterojunction Organic Solar Cells with High $V_{oc}$ Values. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1017-1024.	3.3	9
18	pH-Modulated Molecular Assemblies and Surface Properties of Metal-Organic Supercontainers at the Air-Water Interface. <i>Angewandte Chemie</i> , 2014, 126, 11145-11149.	2.0	7

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19	Modulating guest binding in sulfonylcalixarene-based metal-organic supercontainers. <i>Chemical Communications</i> , 2014, 50, 5385-5387.	4.1	55
20	pH-Modulated Molecular Assemblies and Surface Properties of Metal-Organic Supercontainers at the Air-Water Interface. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10965-10969.	13.8	29
21	(BMI) <sub>3</sub> LnCl <sub>6</sub> Crystals as Models for the Coordination Environment of LnCl <sub>3</sub> (Ln = Sm, Eu, Dy, Er, Yb) in 1-Butyl-3-methylimidazolium Chloride Ionic-Liquid Solution. <i>Inorganic Chemistry</i> , 2014, 53, 5494-5501.	4.0	25
22	Synthetic Supercontainers Exhibit Distinct Solution versus Solid State Guest-Binding Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 7480-7491.	13.7	114
23	Oligothiophene-Bridged Bis(arylene ethynylene) Small Molecules for Solution-Processible Organic Solar Cells with High Open-Circuit Voltage. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1892-1900.	3.3	15
24	New bithiazole-functionalized organic photosensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 96, 516-524.	3.7	31
25	Heterometallic Cerium(IV) Perrhenate, Permanganate, and Molybdate Complexes Supported by the Imidodiphosphinate Ligand [N(i-Pr <sub>2</sub> PO) <sub>2</sub> ] <sup>-</sup> . <i>Inorganic Chemistry</i> , 2013, 52, 2556-2563.	4.0	10
26	Modular Assembly of Metal-Organic Supercontainers Incorporating Sulfonylcalixarenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 8002-8005.	13.7	147
27	Unsymmetric Platinum(II) Bis(aryleneethynylene) Complexes as Photosensitizers for Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1426-1434.	3.3	35
28	Platinum(II)-Bis(aryleneethynylene) Complexes for Solution-Processible Molecular Bulk Heterojunction Solar Cells. <i>Chemistry - A European Journal</i> , 2012, 18, 1502-1511.	3.3	93
29	Langmuir-Blodgett Films of Hexamolybdate and Naphthylamine Prepared by Two Different Approaches: Synthesis, Characterization, and Materials Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 684-694.	2.0	4
30	Heteroleptic ruthenium complexes containing uncommon 5,5'-disubstituted-2,2'-bipyridine chromophores for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2011, 40, 2314-2323.	3.3	28
31	Effect of butterfly-shaped sulfur-bridged ligand and counter anions on the catalytic activity and diastereoselectivity of organobismuth complexes. <i>Dalton Transactions</i> , 2011, 40, 9482.	3.3	42
32	Spectroscopic, Electrochemical, and DFT Studies of Oxo-Centered Triruthenium Cluster Complexes with a Bis(tridentate) Triazine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2306-2316.	2.0	11
33	Low-valence oxo-centred triruthenium complexes by bridging acetate substitution with pyrazolyldiazine or pyridinyltetrazine ligands. <i>Dalton Transactions</i> , 2009, , 8696.	3.3	20
34	Photochromic and electrochromic properties of oxo-centred triruthenium compounds with a dithienylethene bis(phosphine) ligand. <i>Dalton Transactions</i> , 2009, , 10244.	3.3	7
35	Oxo-Centered Triruthenium-Acetate Cluster Complexes Derived from Axial or Bridging Ligand Substitution. <i>Structure and Bonding</i> , 2009, , 93-120.	1.0	7
36	Oxo-Centered Triruthenium-Acetate Cluster Complexes Derived from Axial or Bridging Ligand Substitution. <i>Structure and Bonding</i> , 2009, , 93-120.	1.0	4

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37	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
38	Preparation, Characterization, and Photophysical Properties of Pt <sup>II</sup> M (M = Ru, Re) Heteronuclear Complexes with 1,10-Phenanthrolineethynyl Ligands. Inorganic Chemistry, 2008, 47, 2811-2819.	4.0	35
39	Sensitization of Lanthanide Luminescence in Heterotrinnuclear PtLn <sub>2</sub> (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
40	Photophysical and anion sensing properties of platinum(II) terpyridyl complexes with phenolic ethynyl ligands. Dalton Transactions, 2007, , 3885.	3.3	54
41	Low-Valence Triruthenium Compounds via Substitution of a Bridging Acetate in the Parent Ru <sub>3</sub> O(OAc) <sub>6</sub> Cluster Core by 2,2'-Azobispyridine (abpy) or 2,2'-Azobis(5-chloropyrimidine) (abcp). Inorganic Chemistry, 2007, 46, 6129-6135.	4.0	17
42	[(1,10-Phenanthroline-5-yl)ethynyl](triphenylphosphine- <i>Î</i> P)gold(I). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1576-m1576.	0.2	0
43	Syntheses, crystal structures and properties of [K(2,2,2-crypt)] <sub>3</sub> K(HP7)2 <sup>+</sup> en, [K(18-crown-6)] <sub>2</sub> HP7 and [K(db18-crown-6)] <sub>2</sub> HP7 <sup>+</sup> ·toluene. Inorganica Chimica Acta, 2006, 359, 4265-4273.	2.4	17