

Feng-Rong Dai

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,120
citations

471061

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docs citations

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1338
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| # | 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. | 4.6 | 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. | 1.4 | 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. | 6.6 | 9 |
| 4 | Decahexanuclear Zinc(II) Coordination Container Featuring a Flexible Tetracarboxylate Ligand: A Self-Assembly Supermolecule for Highly Efficient Drug Delivery of Anti-Inflammatory Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33812-33820. | 4.0 | 10 |
| 5 | Two-step phosphorescent mechanochromism due to intramolecular deformation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 715-720. | 2.7 | 33 |
| 6 | Cooperative Binding and Stepwise Encapsulation of Drug Molecules by Sulfonylcalixarene-Based Metal-Organic Supercontainers. <i>Molecules</i> , 2020, 25, 2656. | 1.7 | 10 |
| 7 | Blue luminescent silver(I) complexes constructed by 2-diphenylphosphinopyridine and dicyanamide or tricyanomethanide. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107916. | 1.8 | 10 |
| 8 | Aggregation-induced emission enhancement and reversible mechanochromic luminescence of quinoline-based zinc(II)-Schiff base complexes. <i>Dalton Transactions</i> , 2019, 48, 11045-11051. | 1.6 | 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. | 1.4 | 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. | 1.7 | 15 |
| 11 | Sensitive and selective urinary 1-hydroxypyrene detection by dinuclear terbium-sulfonylcalixarene complex. <i>Dalton Transactions</i> , 2018, 47, 8301-8306. | 1.6 | 16 |
| 12 | Stimuli-responsive metal-organic supercontainers as synthetic proton receptors. <i>Dalton Transactions</i> , 2018, 47, 10256-10263. | 1.6 | 11 |
| 13 | Engineering solid-state porosity of synthetic supercontainers via modification of exo-cavities. <i>Inorganic Chemistry Communication</i> , 2017, 78, 61-64. | 1.8 | 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. | 5.2 | 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. | 0.8 | 11 |
| 16 | Designing structurally tunable and functionally versatile synthetic supercontainers. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 243-249. | 3.0 | 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. | 1.7 | 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. | 1.6 | 7 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Modulating guest binding in sulfonylcalixarene-based metal-organic supercontainers. <i>Chemical Communications</i> , 2014, 50, 5385-5387. | 2.2 | 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. | 7.2 | 29 |
| 21 | (BMI) ₃ LnCl ₆ Crystals as Models for the Coordination Environment of LnCl ₃ (Ln = Sm, Eu, Dy, Er, Yb) in 1-Butyl-3-methylimidazolium Chloride Ionic-Liquid Solution. <i>Inorganic Chemistry</i> , 2014, 53, 5494-5501. | 1.9 | 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. | 6.6 | 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. | 1.7 | 15 |
| 24 | New bithiazole-functionalized organic photosensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 96, 516-524. | 2.0 | 31 |
| 25 | Heterometallic Cerium(IV) Perrhenate, Permanganate, and Molybdate Complexes Supported by the Imidodiphosphinate Ligand [N(i-Pr ₂ PO) ₂] ⁻ . <i>Inorganic Chemistry</i> , 2013, 52, 2556-2563. | 1.9 | 10 |
| 26 | Modular Assembly of Metal-Organic Supercontainers Incorporating Sulfonylcalixarenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 8002-8005. | 6.6 | 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. | 1.7 | 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. | 1.7 | 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. | 1.0 | 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. | 1.6 | 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. | 1.6 | 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. | 1.0 | 11 |
| 33 | Low-valence oxo-centred triruthenium complexes by bridging acetate substitution with pyrazolyldiazine or pyridinyltetrazine ligands. <i>Dalton Transactions</i> , 2009, , 8696. | 1.6 | 20 |
| 34 | Photochromic and electrochromic properties of oxo-centred triruthenium compounds with a dithienylethene bis(phosphine) ligand. <i>Dalton Transactions</i> , 2009, , 10244. | 1.6 | 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. | 1.6 | 20 |
| 38 | Preparation, Characterization, and Photophysical Properties of Pt ^M (M = Ru, Re) Heteronuclear Complexes with 1,10-Phenanthrolineethynyl Ligands. Inorganic Chemistry, 2008, 47, 2811-2819. | 1.9 | 35 |
| 39 | Sensitization of Lanthanide Luminescence in Heterotrinnuclear PtLn ₂ (Ln = Eu, Nd, Yb) Complexes with Terpyridyl-Functionalized Alkynyl by Energy Transfer from a Platinum(II) Alkynyl Chromophore. Organometallics, 2007, 26, 4483-4490. | 1.1 | 57 |
| 40 | Photophysical and anion sensing properties of platinum(ii) terpyridyl complexes with phenolic ethynyl ligands. Dalton Transactions, 2007, , 3885. | 1.6 | 54 |
| 41 | Low-Valence Triruthenium Compounds via Substitution of a Bridging Acetate in the Parent Ru ₃ O(OAc) ₆ Cluster Core by 2,2'-Azobispyridine (abpy) or 2,2'-Azobis(5-chloropyrimidine) (abcp). Inorganic Chemistry, 2007, 46, 6129-6135. | 1.9 | 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)] ₃ K(HP7)2 ^{en} , [K(18-crown-6)] ₂ HP7 and [K(db18-crown-6)] ₂ HP7 ^{toluene} . Inorganica Chimica Acta, 2006, 359, 4265-4273. | 1.2 | 17 |