

Chanel F Leong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

924
citations

623574

14
h-index

713332

21
g-index

22
all docs

22
docs citations

22
times ranked

1293
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Photo- and Electronically Switchable Spin-Crossover Iron(II) Metal-Organic Frameworks Based on a Tetrathiafulvalene Ligand. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5465-5470. | 7.2 | 148 |
| 2 | Functional coordination polymers based on redox-active tetrathiafulvalene and its derivatives. <i>Coordination Chemistry Reviews</i> , 2017, 345, 342-361. | 9.5 | 105 |
| 3 | Intrinsically conducting metal-organic frameworks. <i>MRS Bulletin</i> , 2016, 41, 858-864. | 1.7 | 104 |
| 4 | Porous Molecular Conductor: Electrochemical Fabrication of Through-Space Conduction Pathways among Linear Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 6802-6806. | 6.6 | 94 |
| 5 | Mixed Valency as a Strategy for Achieving Charge Delocalization in Semiconducting and Conducting Framework Materials. <i>Inorganic Chemistry</i> , 2017, 56, 14373-14382. | 1.9 | 78 |
| 6 | Enhancing selective CO ₂ adsorption via chemical reduction of a redox-active metal-organic framework. <i>Dalton Transactions</i> , 2013, 42, 9831. | 1.6 | 64 |
| 7 | Crystal Structures, Magnetic Properties, and Electrochemical Properties of Coordination Polymers Based on the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 10766-10775. | 1.9 | 50 |
| 8 | Crystal Structures, Gas Adsorption, and Electrochemical Properties of Electroactive Coordination Polymers Based on the Tetrathiafulvalene-Tetrabenzoate Ligand. <i>Crystal Growth and Design</i> , 2015, 15, 1861-1870. | 1.4 | 40 |
| 9 | Concomitant Use of Tetrathiafulvalene and 7,7,8,8-Tetracyanoquinodimethane within the Skeletons of Metal-Organic Frameworks: Structures, Magnetism, and Electrochemistry. <i>Inorganic Chemistry</i> , 2019, 58, 8657-8664. | 1.9 | 39 |
| 10 | Electronic, Optical, and Computational Studies of a Redox-Active Naphthalenediimide-Based Coordination Polymer. <i>Inorganic Chemistry</i> , 2013, 52, 14246-14252. | 1.9 | 37 |
| 11 | Enhanced dielectricity coupled to spin-crossover in a one-dimensional polymer iron(ii) incorporating tetrathiafulvalene. <i>Chemical Science</i> , 2020, 11, 6229-6235. | 3.7 | 32 |
| 12 | Photo- and Electronically Switchable Spin-Crossover Iron(II) Metal-Organic Frameworks Based on a Tetrathiafulvalene Ligand. <i>Angewandte Chemie</i> , 2017, 129, 5557-5562. | 1.6 | 29 |
| 13 | Rare-Earth Metal Tetrathiafulvalene Carboxylate Frameworks as Redox-Switchable Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2021, 27, 622-627. | 1.7 | 21 |
| 14 | Guest-Host Complexes of TCNQ and TCNE with Cu ₃ (1,3,5-benzenetricarboxylate) ₂ . <i>Journal of Physical Chemistry C</i> , 2017, 121, 26330-26339. | 1.5 | 18 |
| 15 | Progressive Structure Designing and Property Tuning of Manganese(II) Coordination Polymers with the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. <i>Crystal Growth and Design</i> , 2019, 19, 3012-3018. | 1.4 | 13 |
| 16 | Synthesis, properties and surface self-assembly of a pentanuclear cluster based on the new π -conjugated TTF-triazole ligand. <i>Scientific Reports</i> , 2016, 6, 25544. | 1.6 | 12 |
| 17 | Cyanide-bridged single molecule magnet based on a manganese(III) complex with TTF-fused Schiff base ligand. <i>Science China Chemistry</i> , 2015, 58, 650-657. | 4.2 | 11 |
| 18 | Dinuclear Ruthenium Complex Based on a π -Extended Bridging Ligand with Redox-Active Tetrathiafulvalene and 1,10-Phenanthroline Units. <i>Inorganic Chemistry</i> , 2016, 55, 4606-4615. | 1.9 | 10 |

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|----|---|-----|-----------|
| 19 | A heterometallic ferrimagnet based on a new TTF-bis(oxamato) ligand. Dalton Transactions, 2017, 46, 3980-3988. | 1.6 | 9 |
| 20 | Chiral heterobimetallic chains from a dicyanideferrite building block including a π -conjugated TTF annulated ligand. Dalton Transactions, 2016, 45, 16575-16584. | 1.6 | 6 |
| 21 | Dinuclear acetylide-bridged ruthenium(II) complexes with rigid non-aromatic spacers. Dalton Transactions, 2020, 49, 2687-2695. | 1.6 | 4 |
| 22 | Charge transfer in mixed and segregated stacks of tetrathiafulvalene, tetrathianaphthalene and naphthalene diimide: a structural, spectroscopic and computational study. New Journal of Chemistry, 0, , . | 1.4 | 0 |