Chanel F Leong

List of Publications by Year
in descending order

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22	924	623734	713466
papers	citations	14	21
		h-index	g-index

22	22	22	1293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoâ€•and Electronically Switchable Spinâ€Crossover Iron(II) Metalâ€“Organic Frameworks Based on a Tetrathiafulvalene Ligand. Angewandte Chemie - International Edition, 2017, 56, 5465-5470.	13.8	148
2	Functional coordination polymers based on redox-active tetrathiafulvalene and its derivatives. Coordination Chemistry Reviews, 2017, 345, 342-361.	18.8	105
3	Intrinsically conducting metalâ€“organic frameworks. MRS Bulletin, 2016, 41, 858-864.	3.5	104
4	Porous Molecular Conductor: Electrochemical Fabrication of Through-Space Conduction Pathways among Linear Coordination Polymers. Journal of the American Chemical Society, 2019, 141, 6802-6806.	13.7	94
5	Mixed Valency as a Strategy for Achieving Charge Delocalization in Semiconducting and Conducting Framework Materials. Inorganic Chemistry, 2017, 56, 14373-14382.	4.0	78
6	Enhancing selective CO2 adsorption via chemical reduction of a redox-active metalâ€“organic framework. Dalton Transactions, 2013, 42, 9831.	3.3	64
7	Crystal Structures, Magnetic Properties, and Electrochemical Properties of Coordination Polymers Based on the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. Inorganic Chemistry, 2015, 54, 10766-10775.	4.0	50
8	Crystal Structures, Gas Adsorption, and Electrochemical Properties of Electroactive Coordination Polymers Based on the Tetrathiafulvalene-Tetrabenzoate Ligand. Crystal Growth and Design, 2015, 15, 1861-1870.	3.0	40
9	Concomitant Use of Tetrathiafulvalene and 7,7,8,8-Tetracyanoquinodimethane within the Skeletons of Metalâ€“Organic Frameworks: Structures, Magnetism, and Electrochemistry. Inorganic Chemistry, 2019, 58, 8657-8664.	4.0	39
10	Electronic, Optical, and Computational Studies of a Redox-Active Napthalenediimide-Based Coordination Polymer. Inorganic Chemistry, 2013, 52, 14246-14252.	4.0	37
11	Enhanced dielectricity coupled to spin-crossover in a one-dimensional polymer iron(ii) incorporating tetrathiafulvalene. Chemical Science, 2020, 11, 6229-6235.	7.4	32
12	Photoâ€•and Electronically Switchable Spinâ€Crossover Iron(II) Metalâ€“Organic Frameworks Based on a Tetrathiafulvalene Ligand. Angewandte Chemie, 2017, 129, 5557-5562.	2.0	29
13	Rareâ€Earth Metal Tetrathiafulvalene Carboxylate Frameworks as Redoxâ€Switchable Singleâ€Molecule Magnets. Chemistry - A European Journal, 2021, 27, 622-627.	3.3	21
14	Guestâ€“Host Complexes of TCNQ and TCNE with Cu₃(1,3,5-benzenetricarboxylate)₂. Journal of Physical Chemistry C, 2017, 121, 26330-26339.	3.1	18
15	Progressive Structure Designing and Property Tuning of Manganese(II) Coordination Polymers with the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. Crystal Growth and Design, 2019, 19, 3012-3018.	3.0	13
16	Synthesis, properties and surface self-assembly of a pentanuclear cluster based on the new ï€-conjugated TTF-triazole ligand. Scientific Reports, 2016, 6, 25544.	3.3	12
17	Cyanide-bridged single molecule magnet based on a manganese(III) complex with TTF-fused Schiff base ligand. Science China Chemistry, 2015, 58, 650-657.	8.2	11
18	Dinuclear Ruthenium Complex Based on a Ï€-Extended Bridging Ligand with Redox-Active Tetrathiafulvalene and 1,10-Phenanthroline Units. Inorganic Chemistry, 2016, 55, 4606-4615.	4.0	10

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19	A heterometallic ferrimagnet based on a new TTF-bis(oxamato) ligand. Dalton Transactions, 2017, 46, 3980-3988.	3.3	9
20	Chiral heterobimetallic chains from a dicyanideferrite building block including a Ï€-conjugated TTF annulated ligand. Dalton Transactions, 2016, 45, 16575-16584.	3.3	6
21	Dinuclear acetylide-bridged ruthenium(<scp>ii</scp>) complexes with rigid non-aromatic spacers. Dalton Transactions, 2020, 49, 2687-2695.	3.3	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, , .	2.8	0