

Jia Min Chin

List of Publications by Year in descending order

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32
papers

1,065
citations

471509

17
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1726
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ synthesis of size-controlled, stable silver nanoparticles within ultrashort peptide hydrogels and their anti-bacterial properties. <i>Biomaterials</i> , 2014, 35, 7535-7542.	11.4	149
2	Catalytic reduction of dinitrogen to ammonia at a single molybdenum center. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17099-17106.	7.1	123
3	Tuning the aspect ratio of NH ₂ -MIL-53(Al) microneedles and nanorods via coordination modulation. <i>CrystEngComm</i> , 2013, 15, 654-657.	2.6	78
4	Direct ink writing of catalytically active UiO-66 polymer composites. <i>Chemical Communications</i> , 2019, 55, 2190-2193.	4.1	57
5	Experimental and Theoretical EPR Study of Jahn-Teller-Active [HIPTN ₃ N]MoL Complexes (L) Tj ETQq1, 1, 0.784314 rgBT	13.7	55
6	Motorized Janus metal organic framework crystals. <i>Chemical Communications</i> , 2014, 50, 15175-15178.	4.1	54
7	Synthesis of DiamidoPyrrolyl Molybdenum Complexes Relevant to Reduction of Dinitrogen to Ammonia. <i>Inorganic Chemistry</i> , 2010, 49, 7904-7916.	4.0	49
8	One-step synthesis and XPS investigations of chiral NHC-Au(0)/Au nanoparticles. <i>Nanoscale</i> , 2019, 11, 8327-8333.	5.6	49
9	Photoresponsive Liquid Marbles and Dry Water. <i>Langmuir</i> , 2014, 30, 3448-3454.	3.5	45
10	CO ₂ capture by dry alkanolamines and an efficient microwave regeneration process. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6440-6446.	10.3	45
11	Stereolithographic 3D printing of extrinsically self-healing composites. <i>Scientific Reports</i> , 2019, 9, 388.	3.3	42
12	Supergluing MOF liquid marbles. <i>Chemical Communications</i> , 2013, 49, 493-495.	4.1	36
13	Protonation of the Dinitrogen-Reduction Catalyst [HIPTN ₃ N]Mo ^{III} Investigated by ENDOR Spectroscopy. <i>Inorganic Chemistry</i> , 2011, 50, 418-420.	4.0	35
14	Tuning Omniphobicity via Morphological Control of Metal-Organic Framework Functionalized Surfaces. <i>Journal of the American Chemical Society</i> , 2013, 135, 16272-16275.	13.7	33
15	EPR Study of the Low-Spin [d ₃ ; S = 1/2], Jahn-Teller-Active, Dinitrogen Complex of a Molybdenum Trisamidoamine. <i>Journal of the American Chemical Society</i> , 2007, 129, 3480-3481.	13.7	27
16	Solution-processable multicolored dithienothiophene-based conjugated polymers for electrochromic applications. <i>European Polymer Journal</i> , 2013, 49, 2446-2456.	5.4	23
17	Magnetic Control of MOF Crystal Orientation and Alignment. <i>Chemistry - A European Journal</i> , 2017, 23, 15578-15582.	3.3	20
18	Dynamic Electric Field Alignment of Metal-Organic Framework Microrods. <i>Journal of the American Chemical Society</i> , 2019, 141, 12989-12993.	13.7	20

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19	Metal-Organic Framework superstructures with long-ranged orientational order via E-field assisted liquid crystal assembly. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 1027-1034.	9.4	18
20	Optically active histidin-2-ylidene stabilised gold nanoparticles. <i>Chemical Communications</i> , 2017, 53, 12426-12429.	4.1	17
21	Catalytically Active Gold Nanomaterials Stabilized by <i>N</i> -heterocyclic Carbenes. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3026-3037.	3.3	16
22	pH responsive histidin-2-ylidene stabilized gold nanoparticles. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110707.	3.5	13
23	Non-close-packed pore arrays through one-step breath figure self-assembly and reversal. <i>Chemical Science</i> , 2014, 5, 1375-1382.	7.4	11
24	Current Developments of N-Heterocyclic Carbene Au(I)/Au(III) Complexes toward Cancer Treatment. <i>Biomedicines</i> , 2022, 10, 1417.	3.2	11
25	Using Supercritical CO ₂ in the Preparation of Metal-Organic Frameworks: Investigating Effects on Crystallisation. <i>Crystals</i> , 2020, 10, 17.	2.2	9
26	Synthetically Versatile Nitrogen Acyclic Carbene Stabilized Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2020, 26, 15859-15862.	3.3	9
27	Thermally stable glassy luminescent cyclotriphosphazenes. <i>European Polymer Journal</i> , 2013, 49, 2404-2414.	5.4	6
28	An ICP-MS-based assay for characterization of gold nanoparticles with potential biomedical use. <i>Analytical Biochemistry</i> , 2020, 611, 114003.	2.4	6
29	Non-Close-Packed Breath Figures via Ion-Partitioning-Mediated Self-Assembly. <i>Langmuir</i> , 2015, 31, 6688-6694.	3.5	5
30	Highly Thermally Resistant Polyhedral Oligomeric Silsesquioxanes Lubricating Oil Prepared via a Thiol-Ene Click Reaction. <i>Science of Advanced Materials</i> , 2014, 6, 1553-1561.	0.7	4
31	Frontispiece: Magnetic Control of MOF Crystal Orientation and Alignment. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
32	Reactivity of Diamines in Acyclic Diamino Carbene Gold Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7448-7458.	4.0	0