

Yi-Chou Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,961
citations

236833

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243529

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g-index

55
all docs

55
docs citations

55
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Special Issue Dedicated to Prof. Chien-Hong Cheng's 70th Birthday. Journal of the Chinese Chemical Society, 2020, 67, 337-338.	0.8	0
2	Frontispiece: Cuprophilic Interactions in and between Molecular Entities. Chemistry - A European Journal, 2019, 25, .	1.7	1
3	Chromium to chromium quintuple bonds in a trigonal lantern configuration. Journal of the Chinese Chemical Society, 2019, 66, 1048-1063.	0.8	2
4	Cuprophilic Interactions in and between Molecular Entities. Chemistry - A European Journal, 2019, 25, 8936-8954.	1.7	122
5	Ligand-Unsupported Cuprophilicity in the Preparation of Dodecacopper(I) Complexes and Raman Studies. Angewandte Chemie, 2018, 130, 10073-10077.	1.6	8
6	Ligand-Unsupported Cuprophilicity in the Preparation of Dodecacopper(I) Complexes and Raman Studies. Angewandte Chemie - International Edition, 2018, 57, 9925-9929.	7.2	20
7	¼cktitelbild: Ligand-Unsupported Cuprophilicity in the Preparation of Dodecacopper(I) Complexes and Raman Studies (Angew. Chem. 31/2018). Angewandte Chemie, 2018, 130, 10134-10134.	1.6	0
8	Reversible Cleavage/Formation of the Chromium-Chromium Quintuple Bond in the Highly Regioselective Alkyne Cyclotrimerization. Angewandte Chemie - International Edition, 2017, 56, 15427-15431.	7.2	28
9	Synthesis and Characterization of an Eclipsed Digermylene as a Building Block to Construct a Cyclic Octagermylene. Angewandte Chemie - International Edition, 2017, 56, 15108-15112.	7.2	10
10	Reversible Cleavage/Formation of the Chromium-Chromium Quintuple Bond in the Highly Regioselective Alkyne Cyclotrimerization. Angewandte Chemie, 2017, 129, 15629-15633.	1.6	7
11	Synthesis and Characterization of an Eclipsed Digermylene as a Building Block to Construct a Cyclic Octagermylene. Angewandte Chemie, 2017, 129, 15304-15308.	1.6	7
12	Reductive Cleavage of Acyl Halides to Carboxylato Alkylidyne Complexes from Their Reactions with the Quintuply Bonded Dimolybdenum Amidinate. Organometallics, 2016, 35, 1534-1546.	1.1	11
13	A Family of Multiply Bonded Dimolybdenum Boraamidates with the Formal Mo-Mo Bond Orders of 3, 4, 4.5, and 5. Angewandte Chemie - International Edition, 2016, 55, 11614-11618.	7.2	11
14	A Family of Multiply Bonded Dimolybdenum Boraamidates with the Formal Mo-Mo Bond Orders of 3, 4, 4.5, and 5. Angewandte Chemie, 2016, 128, 11786-11790.	1.6	4
15	The Mo-Mo Quintuple Bond as a Ligand to Stabilize Transition-Metal Complexes. Angewandte Chemie - International Edition, 2015, 54, 9106-9110.	7.2	18
16	Substituent effect of Ru(II)-based sensitizers bearing a terpyridine anchor and a pyridyl azolate ancillary for dye sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 18422-18431.	5.2	8
17	The lengths of the metal-to-metal quintuple bonds and reactivity thereof. Inorganica Chimica Acta, 2015, 424, 51-62.	1.2	28
18	A Journey of Metal-Metal Bonding beyond Cotton's Quadruple Bonds. Journal of the Chinese Chemical Society, 2014, 61, 9-26.	0.8	48

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19	Discovering complexes containing a metal-metal quintuple bond: from theory to practice. <i>Chemical Communications</i> , 2014, 50, 3391-3412.	2.2	51
20	Theory, synthesis and reactivity of quintuple bonded complexes. <i>Dalton Transactions</i> , 2014, 43, 5618-5638.	1.6	32
21	Haloacylation of the Quintuple-Bonded Group-VI Metal Amidinate Dimers and Disproportionation of Acyl Groups to Form Carbynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10256-10260.	7.2	32
22	Divergent reactivity of nitric oxide with metal-metal quintuple bonds. <i>Chemical Communications</i> , 2013, 49, 4391.	2.2	34
23	Haloacylation of the Quintuple-Bonded Group-VI Metal Amidinate Dimers and Disproportionation of Acyl Groups to Form Carbynes. <i>Angewandte Chemie</i> , 2013, 125, 10446-10450.	1.6	16
24	Reactions of Metal-Metal Quintuple Bonds with Alkynes: [2+2+2] and [2+2] Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10342-10346.	7.2	71
25	An Electron-Rich Molybdenum-Molybdenum Quintuple Bond Spanned by One Lithium Atom. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6394-6397.	7.2	41
26	Stepwise Construction of the Cr-Cr Quintuple Bond and Its Destruction upon Axial Coordination. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7781-7785.	7.2	59
27	The chemistry of univalent metal $\hat{\text{I}}^2$ -diketiminates. <i>Coordination Chemistry Reviews</i> , 2012, 256, 722-758.	9.5	206
28	Ligand-controlled synthesis of vanadium(i) $\hat{\text{I}}^2$ -diketiminates and their catalysis in cyclotrimerization of alkynes. <i>Dalton Transactions</i> , 2011, 40, 2324-2331.	1.6	33
29	Bond Characterization on a Cr-Cr Quintuple Bond: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12602-12615.	1.1	61
30	Theory-Guided Experiments on the Mechanistic Elucidation of the Reduction of Dinuclear Zinc, Manganese, and Cadmium Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7611-7615.	7.2	30
31	Reductive N-N bond cleavage and coupling of organic azides mediated by chromium(i) and vanadium(i) $\hat{\text{I}}^2$ -diketiminato. <i>New Journal of Chemistry</i> , 2010, 34, 1737.	1.4	29
32	Journey from Mo-Mo Quadruple Bonds to Quintuple Bonds. <i>Journal of the American Chemical Society</i> , 2009, 131, 12534-12535.	6.6	106
33	Recent Progress in the Chemistry of Quintuple Bonds. <i>Chemistry Letters</i> , 2009, 38, 1122-1129.	0.7	13
34	Remarkably Short Metal-Metal Bonds: A Lantern-Type Quintuply Bonded Dichromium(I) Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7250-7253.	7.2	153
35	Quintuply-Bonded Dichromium(I) Complexes Featuring Metal-Metal Bond Lengths of 1.74 Å... <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9933-9936.	7.2	150
36	Synthesis and reactions of $\hat{\text{I}}^2$ -diketiminato divanadium($\langle \text{scp} \rangle$) inverted-sandwich complexes. <i>Chemical Communications</i> , 2008, , 205-207.	2.2	76

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37	Structural transformations in dinuclear zinc complexes involving Zn ^{II} -Zn bonds. <i>Chemical Communications</i> , 2007, , 4125.	2.2	74
38	Inverted-Sandwich Dichromium(I) Complexes Supported by Two \hat{I}^2 -Diketiminates: A Multielectron Reductant and Syntheses of Chromium Dioxo and Imido. <i>Journal of the American Chemical Society</i> , 2007, 129, 8066-8067.	6.6	98
39	A Three-Coordinate and Quadruply Bonded Mo ^{IV} -Mo Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 13980-13981.	6.6	48
40	Structure, Bonding, and Tyrosinase-Like Reactivity of Copper Complexes Coordinated by Mononucleating Tridentate N ³ O ¹ N Type Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2180-2188.	1.0	13