

David C Lacy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	H ₂ Activation across Manganese(I)â€“C Bonds: Atypical Metalâ€“Ligand Cooperativity in the Aromatization/De aromatization Paradigm. <i>Organometallics</i> , 2022, 41, 67-75.	2.3	7
2	Activation of H ₂ with Dinuclear Manganese(I)-Phosphido Complexes. <i>Organometallics</i> , 2022, 41, 60-66.	2.3	7
3	Reversible Photoisomerization in a Ru <i>cis</i> -Dihydride Catalyst Accessed through Atypical Metalâ€“Ligand Cooperative H ₂ Activation: Photoenhanced Acceptorless Alcohol Dehydrogenation. <i>Organometallics</i> , 2022, 41, 93-98.	2.3	7
4	Hydrogenative Catalysis with Threeâ€“Coordinate Zinc Complexes Supported with PN Ligands is Enhanced Compared to PNP Analogs. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
5	A Facially Coordinating Trisâ€“Benzimidazole Ligand for Nonheme Iron Enzyme Models. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 654-657.	2.0	1
6	Synthesis and coordination of a tert-butyl functionalized facially coordinating 2-histidine-1-carboxylate model ligand. <i>Journal of Coordination Chemistry</i> , 2021, 74, 315-320.	2.2	1
7	Carbonyl and Isocyanide Complexes of Manganese. , 2021, , .		0
8	Planar-Locked Ru-PNN Catalysts in 1-Phenylethanol Dehydrogenation. <i>Organometallics</i> , 2020, 39, 3628-3644.	2.3	9
9	A hemilabile manganese(<i>scpi</i>)â€“phenol complex and its coordination induced Oâ€“H bond weakening. <i>Dalton Transactions</i> , 2020, 49, 16217-16225.	3.3	3
10	Applications of the Marcus cross relation to inner sphere reduction of O ₂ : implications in small-molecule activation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2396-2403.	6.0	6
11	Î²-Amino Phosphine Mn Catalysts for 1,4-Transfer Hydrogenation of Chalcones and Allylic Alcohol Isomerization. <i>Organometallics</i> , 2019, 38, 4387-4391.	2.3	22
12	Resurgence of Organomanganese(I) Chemistry. Bidentate Manganese(I) Phosphineâ€“Phenol(ate) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 10527-10535.	4.0	8
13	Electronically varied manganese tris-arylamide tripodal complexes. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1287-1297.	2.2	2
14	Rhenium(I) Phosphazane Complexes for Electrocatalytic CO ₂ Reduction. <i>Organometallics</i> , 2019, 38, 1664-1676.	2.3	16
15	Pentacarbonylmethylmanganese(<i>scpi</i>) as a synthon for Mn(<i>scpi</i>) pincer catalysts. <i>Dalton Transactions</i> , 2019, 48, 4467-4470.	3.3	15
16	CO-Photolysis-Induced H-Atom Transfer from Mn ^I Oâ€“H Bonds. <i>Inorganic Chemistry</i> , 2019, 58, 4679-4685.	4.0	6
17	Magnetolectric Radical Hydrocarbons. <i>Advanced Materials</i> , 2019, 31, e1806263.	21.0	4
18	Magnetolectrics: Magnetolectric Radical Hydrocarbons (Adv. Mater. 3/2019). <i>Advanced Materials</i> , 2019, 31, 1970019.	21.0	0

#	ARTICLE	IF	CITATIONS
19	Structural diversity in pyridine and polypyridine adducts of ring slipped manganocene: correlating ligand steric bulk with quantified deviation from ideal hapticity. Dalton Transactions, 2018, 47, 5171-5180.	3.3	5
20	Hole Extraction by Design in Photocatalytic Architectures Interfacing CdSe Quantum Dots with Topochemically Stabilized Tin Vanadium Oxide. Journal of the American Chemical Society, 2018, 140, 17163-17174.	13.7	33
21	Bisphosphine phenol and phenolate complexes of Mn(<i>i</i>): manganese(<i>i</i>) catalyzed Tishchenko reaction. Dalton Transactions, 2018, 47, 12652-12655.	3.3	14
22	Deciphering the mechanism of O ₂ reduction with electronically tunable non-heme iron enzyme model complexes. Chemical Science, 2018, 9, 5773-5780.	7.4	9
23	Exploring the Role of Carbonate in the Formation of an Organomanganese Tetramer. Inorganic Chemistry, 2017, 56, 8748-8751.	4.0	9
24	Photochemical Water-Splitting with Organomanganese Complexes. Inorganic Chemistry, 2017, 56, 9954-9965.	4.0	18
25	Reduction of CO ₂ by Pyridine Monoimine Molybdenum Carbonyl Complexes: Cooperative Metal-Ligand Binding of CO ₂ . Chemistry - A European Journal, 2015, 21, 8497-8503.	3.3	63
26	The Cobalt Hydride that Never Was: Revisiting Schrauzer's "Hydridocobaloxime". Journal of the American Chemical Society, 2015, 137, 4860-4864.	13.7	82
27	Studies of Cobalt-Mediated Electrocatalytic CO ₂ Reduction Using a Redox-Active Ligand. Inorganic Chemistry, 2014, 53, 4980-4988.	4.0	139