

Catalytic conversion of nitrogen to ammonia by an iron

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Citation Report

#	ARTICLE	IF	CITATIONS
1	6. The iron-molybdenum cofactor of nitrogenase. , 2014, , 89-106.		1
2	Preparation and reactivity of a dinitrogen-bridged dimolybdenum-tetrachloride complex. <i>Chemical Communications</i> , 2013, 49, 11215.	2.2	28
3	Synthesis of a TREN in Which the Aryl Substituents are Part of a 45 Atom Macrocycle. <i>Journal of the American Chemical Society</i> , 2013, 135, 15338-15341.	6.6	25
5	Low-temperature N ₂ Binding to Two-coordinate L ₂ Fe ⁰ Enables Reductive Trapping of L ₂ FeN ₂ and NH ₃ Generation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 532-535.	7.2	172
6	Gradient-driven molecule construction: An inverse approach applied to the design of small-molecule fixing catalysts. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 838-850.	1.0	27
8	Nitrogen Atom Transfer from a Dinitrogen-Derived Vanadium Nitride Complex to Carbon Monoxide and Isocyanide. <i>Journal of the American Chemical Society</i> , 2014, 136, 16990-16993.	6.6	87
9	Cleavage and Formation of Molecular Dinitrogen in a Single System Assisted by Molybdenum Complexes Bearing Ferrocenyldiphosphine. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11488-11492.	7.2	111
10	Ruthenium Hydrides Containing the Superhindered Polydentate Polyphosphine Ligand P(CH ₂ CH ₂ PC ₂ H ₅) ₃ . <i>Inorganic Chemistry</i> , 2014, 53, 12469-12479.	1.9	17
11	Lessons learned and lessons to be learned for developing homogeneous transition metal complexes catalyzed reduction of N ₂ to ammonia. <i>Journal of Organometallic Chemistry</i> , 2014, 752, 44-58.	0.8	45
12	Photochemically Induced Reductive Elimination as a Route to a Zirconocene Complex with a Strongly Activated N ₂ Ligand. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9189-9192.	7.2	25
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14	Development of Molecular Electrocatalysts for Energy Storage. <i>Inorganic Chemistry</i> , 2014, 53, 3935-3960.	1.9	371
15	Protonation Studies of a Tungsten Dinitrogen Complex Supported by a Diphosphine Ligand Containing a Pendant Amine. <i>Organometallics</i> , 2014, 33, 2189-2200.	1.1	26
16	Catalytic Ammonia Synthesis in Homogeneous Solution—Biomimetic at Last?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 632-634.	7.2	34
17	Synthesis, structure and reactivity of Fe ^{II/III} —NH ₃ complexes bearing a tripodal sulfonamido ligand. <i>Chemical Communications</i> , 2014, 50, 2515-2517.	2.2	20
18	Mechanism of Nitrogen Fixation by Nitrogenase: The Next Stage. <i>Chemical Reviews</i> , 2014, 114, 4041-4062.	23.0	1,379
19	Catalytic Reduction of N ₂ to NH ₃ by an Fe—N ₂ Complex Featuring a C-Atom Anchor. <i>Journal of the American Chemical Society</i> , 2014, 136, 1105-1115.	6.6	296
20	Synthesis, Characterization, and Interconversion of \hat{I}^2 -Diketiminato Nickel N _x H _y Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5296-5303.	1.0	10

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23	Homo- and heteroleptic group 4 2-(diphenylphosphino)pyrrolide complexes: Synthesis, coordination chemistry and solution state dynamics. <i>Polyhedron</i> , 2014, 84, 111-119.	1.0	13
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