

# High-Performance Electrochemical NO Reduction into MoS<sub>2</sub> Nanosheet

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High-efficiency electrohydrogenation of nitric oxide to ammonia on a Ni <sub>2</sub> P nanoarray under ambient conditions. Journal of Materials Chemistry A, 2021, 9, 24268-24275.	5.2	68
2	MnO <sub>2</sub> nanoarray with oxygen vacancies: An efficient catalyst for NO electroreduction to NH <sub>3</sub> at ambient conditions. Materials Today Physics, 2022, 22, 100586.	2.9	54
3	Recent advances in MoS <sub>2</sub> -based materials for electrocatalysis. Chemical Communications, 2022, 58, 2259-2278.	2.2	30
4	Electrochemical Reduction of Gaseous Nitrogen Oxides on Transition Metals at Ambient Conditions. Journal of the American Chemical Society, 2022, 144, 1258-1266.	6.6	110
5	High-performance NH <sub>3</sub> production via NO electroreduction over a NiO nanosheet array. Chemical Communications, 2021, 57, 13562-13565.	2.2	51
6	A theoretical study on molybdenum and sulfur co-doped graphene for electrocatalytic nitrogen reduction. Molecular Catalysis, 2022, 517, 112048.	1.0	6
7	Biomass Juncus derived carbon decorated with cobalt nanoparticles enables high-efficiency ammonia electrosynthesis by nitrite reduction. Journal of Materials Chemistry A, 2022, 10, 2842-2848.	5.2	47
8	Biomimetic FeMo(Se, Te) as Joint Electron Pool Promoting Nitrogen Electrofixation. Angewandte Chemie, 2022, 134, .	1.6	3
9	High-efficiency ammonia electrosynthesis via selective reduction of nitrate on ZnCo <sub>2</sub> O <sub>4</sub> nanosheet array. Materials Today Physics, 2022, 23, 100619.	2.9	72
10	Bi nanodendrites for highly efficient electrocatalytic NO reduction to NH <sub>3</sub> at ambient conditions. Materials Today Physics, 2022, 22, 100611.	2.9	36
11	Boosting electrochemical nitrite→ammonia conversion properties by a Cu foam@Cu <sub>2</sub> O catalyst. Chemical Communications, 2022, 58, 517-520.	2.2	32
12	Biomimetic FeMo(Se, Te) as Joint Electron Pool Promoting Nitrogen Electrofixation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
13	Electro-reduction of N <sub>2</sub> on nanostructured materials and the design strategies of advanced catalysts based on descriptors. Materials Today Physics, 2022, 22, 100609.	2.9	42
14	Dealloying layered PdBi <sub>2</sub> nanoflakes to palladium hydride leads to enhanced electrocatalytic N <sub>2</sub> reduction. Journal of Materials Chemistry A, 2022, 10, 11904-11916.	5.2	6
15	Iron-doped cobalt oxide nanoarray for efficient electrocatalytic nitrate-to-ammonia conversion. Journal of Colloid and Interface Science, 2022, 615, 636-642.	5.0	67
16	Efficient nitric oxide electroreduction toward ambient ammonia synthesis catalyzed by a CoP nanoarray. Inorganic Chemistry Frontiers, 2022, 9, 1366-1372.	3.0	58
17	Engineering Interface on a 3D Co <sub>x</sub> Ni <sub>1-x</sub> (OH) <sub>2</sub> @MoS <sub>2</sub> Hollow Heterostructure for Robust Electrocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2022, 14, 9116-9125.	4.0	17
18	Ambient Ammonia Synthesis via Electrochemical Reduction of Nitrate Enabled by NiCo <sub>2</sub> O <sub>4</sub> Nanowire Array. Small, 2022, 18, e2106961.	5.2	171

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19	High-efficiency ammonia electrosynthesis on self-supported Co <sub>2</sub> AlO <sub>4</sub> nanoarray in neutral media by selective reduction of nitrate. <i>Chemical Engineering Journal</i> , 2022, 435, 135104.	6.6	71
20	Efficient ammonia synthesis <i>via</i> electroreduction of nitrite using single-atom Ru-doped Cu nanowire arrays. <i>Chemical Communications</i> , 2022, 58, 5257-5260.	2.2	17
21	A 3D FeOOH nanotube array: an efficient catalyst for ammonia electrosynthesis by nitrite reduction. <i>Chemical Communications</i> , 2022, 58, 5160-5163.	2.2	20
22	Ambient electrochemical N <sub>2</sub> -to-NH <sub>3</sub> conversion catalyzed by TiO <sub>2</sub> -decorated juncus effusus-derived carbon microtubes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1514-1519.	3.0	100
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24	Co nanoparticle-decorated pomelo-peel-derived carbon enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2022, 58, 4259-4262.	2.2	40
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26	A FeCo <sub>2</sub> O <sub>4</sub> nanowire array enabled electrochemical nitrate conversion to ammonia. <i>Chemical Communications</i> , 2022, 58, 4480-4483.	2.2	34
27	Coupling denitrification and ammonia synthesis <i>via</i> selective electrochemical reduction of nitric oxide over Fe <sub>2</sub> O <sub>3</sub> nanorods. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6454-6462.	5.2	52
28	Bifunctional P-Intercalated and Doped Metallic (1T)-Copper Molybdenum Sulfide Ultrathin 2D-Nanosheets with Enlarged Interlayers for Efficient Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 14492-14503.	4.0	39
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32	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High-Efficiency Electrocatalytic NO Reduction to NH <sub>3</sub> . <i>Angewandte Chemie</i> , 0, , .	1.6	6
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34	Ultrafine Cu nanoparticles decorated porous TiO <sub>2</sub> for high-efficient electrocatalytic reduction of NO to synthesize NH <sub>3</sub> . <i>Ceramics International</i> , 2022, 48, 21151-21161.	2.3	21
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38	Sulfate-Enabled Nitrate Synthesis from Nitrogen Electrooxidation on a Rhodium Electrocatalyst. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	9
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40	Sulfate-Enabled Nitrate Synthesis from Nitrogen Electrooxidation on a Rhodium Electrocatalyst. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	30
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42	Atom-dispersed copper and nano-palladium in the boron-carbon-nitrogen matrix cooperate to realize the efficient purification of nitrate wastewater and the electrochemical synthesis of ammonia. <i>Journal of Hazardous Materials</i> , 2022, 434, 128909.	6.5	21
43	Molybdenum-based nitrogen carrier for ammonia production via a chemical looping route. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121404.	10.8	22
44	Multicomponent TiO <sub>2</sub> /Ag/Cu <sub>7</sub> S <sub>4</sub> @Se Heterostructures Constructed by an Interface Engineering Strategy for Promoting the Electrocatalytic Nitrogen Reduction Reaction Performance. <i>Inorganic Chemistry</i> , 2022, 61, 7165-7172.	1.9	7
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