

Partially oxidized atomic cobalt layers for carbon dioxide

Nature

529, 68-71

DOI: [10.1038/nature16455](https://doi.org/10.1038/nature16455)

Citation Report

#	ARTICLE	IF	CITATIONS
7	Synthesis Strategies about 2D Materials. , 0, , .		11
8	General Selfâ€Template Synthesis of Transitionâ€Metal Oxide and Chalcogenide Mesoporous Nanotubes with Enhanced Electrochemical Performances. <i>Angewandte Chemie</i> , 2016, 128, 9201-9205.	1.6	28
9	Molybdenumâ€Bismuth Bimetallic Chalcogenide Nanosheets for Highly Efficient Electrocatalytic Reduction of Carbon Dioxide to Methanol. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6771-6775.	7.2	225
10	General Selfâ€Template Synthesis of Transitionâ€Metal Oxide and Chalcogenide Mesoporous Nanotubes with Enhanced Electrochemical Performances. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9055-9059.	7.2	154
11	Highly Selective and Stable Reduction of CO ₂ to CO by a Graphitic Carbon Nitride/Carbon Nanotube Composite Electrocatalyst. <i>Chemistry - A European Journal</i> , 2016, 22, 11991-11996.	1.7	132
12	Pt ₃ Co Octapods as Superior Catalysts of CO ₂ Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9548-9552.	7.2	162
13	Rechargeable Roomâ€Temperature Naâ€CO ₂ Batteries. <i>Angewandte Chemie</i> , 2016, 128, 6592-6596.	1.6	43
14	Molybdenumâ€Bismuth Bimetallic Chalcogenide Nanosheets for Highly Efficient Electrocatalytic Reduction of Carbon Dioxide to Methanol. <i>Angewandte Chemie</i> , 2016, 128, 6883-6887.	1.6	55
15	A metal-free electrocatalyst for carbon dioxide reduction to multi-carbon hydrocarbons and oxygenates. <i>Nature Communications</i> , 2016, 7, 13869.	5.8	505
16	Two-dimensional ZnO ultrathin nanosheets decorated with Au nanoparticles for effective photocatalysis. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	23
17	Functional Nanostructuring for Efficient Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1600461.	10.2	15
18	Selective reduction of carbon dioxide to carbon monoxide over Au/CeO ₂ catalyst and identification of reaction intermediate. <i>Chinese Journal of Catalysis</i> , 2016, 37, 2053-2058.	6.9	17
19	Dual-valence nickel nanosheets covered with thin carbon as bifunctional electrocatalysts for full water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7297-7304.	5.2	73
20	Hybrid nanostructures of metal/two-dimensional nanomaterials for plasmon-enhanced applications. <i>Chemical Society Reviews</i> , 2016, 45, 3145-3187.	18.7	341
21	Unconventional structural and morphological transitions of nanosheets, nanoflakes and nanorods of AuNP@MnO ₂ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 6447-6455.	5.2	39
22	Electrochemical etching of Î±-cobalt hydroxide for improvement of oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9578-9584.	5.2	125
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24	A Place in the Sun for Artificial Photosynthesis?. <i>ACS Energy Letters</i> , 2016, 1, 121-135.	8.8	163

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26	Rational design of graphitic carbon based nanostructures for advanced electrocatalysis. Journal of Materials Chemistry A, 2016, 4, 8497-8511.	5.2	73
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101	Efficient Electrocatalytic Reduction of CO ₂ by Nitrogen-Doped Nanoporous Carbon/Carbon Nanotube Membranes: A Step Towards the Electrochemical CO ₂ Refinery. <i>Angewandte Chemie</i> , 2017, 129, 7955-7960.	1.6	78
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110	A Sodium-Ion-Conducting Direct Formate Fuel Cell: Generating Electricity and Producing Base. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5734-5737.	7.2	77
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140	Advances in efficient electrocatalysts based on layered double hydroxides and their derivatives. <i>Journal of Energy Chemistry</i> , 2017, 26, 1094-1106.	7.1	93
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1162	Electrochemical CO ₂ reduction (CO ₂ RR) to multi-carbon products over copper-based catalysts. <i>Coordination Chemistry Reviews</i> , 2022, 454, 214340.	9.5	175
1163	Edge-located Fe-N ₄ sites on porous Graphene-like nanosheets for boosting CO ₂ electroreduction. <i>Chemical Engineering Journal</i> , 2022, 431, 134269.	6.6	12
1164	Constructing holey Fe ³⁺ -Fe ₂ O ₃ nanosheets with enhanced capability for microwave absorption. <i>Materials Today Chemistry</i> , 2022, 23, 100690.	1.7	4
1166	Modulating the electrocatalytic CO ₂ reduction performances of bismuth nanoparticles with carbon substrates with controlled degrees of oxidation. <i>Nanoscale</i> , 2021, 13, 20091-20097.	2.8	7
1167	Advances in Kola Cobalt Production Technology: An 80-Year Journey. <i>Theoretical Foundations of Chemical Engineering</i> , 2021, 55, 1062-1068.	0.2	0
1168	Rational-Designed Principles for Electrochemical and Photoelectrochemical Upgrading of CO ₂ to Value-Added Chemicals. <i>Advanced Science</i> , 2022, 9, e2105204.	5.6	75

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1172	Influence of halide ions on the electrochemical reduction of carbon dioxide over a copper surface. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1086-1104.	5.2	31
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1174	Progress and perspectives for engineering and recognizing active sites of two-dimensional materials in CO ₂ electroreduction. <i>Science China Chemistry</i> , 2022, 65, 428-440.	4.2	19
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