

# Coordination Tunes Selectivity: Two-Electron Oxygen Molybdenum Single-Atom Catalysts

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exploration of cobalt@N-doped carbon nanocomposites toward hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) electro-synthesis: A two level investigation through the RRDE analysis and a polymer-based electrolyzer implementation. <i>Electrochimica Acta</i> , 2020, 364, 137287.	2.6	12
2	Silver Single Atom in Carbon Nitride Catalyst for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 23312-23316.	1.6	46
3	Axial Modification of Cobalt Complexes on Heterogeneous Surface with Enhanced Electron Transfer for Carbon Dioxide Reduction. <i>Angewandte Chemie</i> , 2020, 132, 19324-19329.	1.6	11
4	Highly ordered macroporous dual-element-doped carbon from metal-organic frameworks for catalyzing oxygen reduction. <i>Chemical Science</i> , 2020, 11, 9584-9592.	3.7	40
5	Single-Atom Electrocatalysts from Multivariate Metal-Organic Frameworks for Highly Selective Reduction of CO <sub>2</sub> at Low Pressures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20589-20595.	7.2	247
6	Single-Atom Electrocatalysts from Multivariate Metal-Organic Frameworks for Highly Selective Reduction of CO <sub>2</sub> at Low Pressures. <i>Angewandte Chemie</i> , 2020, 132, 20770-20776.	1.6	37
7	Rational design of sustainable transition metal-based bifunctional electrocatalysts for oxygen reduction and evolution reactions. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00204.	1.7	17
8	Stable and selective electro-synthesis of hydrogen peroxide and the electro-Fenton process on CoSe <sub>2</sub> polymorph catalysts. <i>Energy and Environmental Science</i> , 2020, 13, 4189-4203.	15.6	134
9	Heterogeneous Atomic Catalysts Overcoming the Limitations of Single-Atom Catalysts. <i>ACS Nano</i> , 2020, 14, 14355-14374.	7.3	97
10	High-Efficiency Electrocatalysis of Molecular Oxygen toward Hydroxyl Radicals Enabled by an Atomically Dispersed Iron Catalyst. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12662-12672.	4.6	114
11	Interface Engineering of Partially Phosphidated Co@Co-P@NPCNTs for Highly Enhanced Electrochemical Overall Water Splitting. <i>Small</i> , 2020, 16, e2002124.	5.2	71
12	Recent Progress of Single-Atom Catalysts in the Electrocatalytic Reduction of Oxygen to Hydrogen Peroxide. <i>Electroanalysis</i> , 2020, 32, 2591-2602.	1.5	23
13	Silver Single Atom in Carbon Nitride Catalyst for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23112-23116.	7.2	270
14	2D-organic framework confined metal single atoms with the loading reaching the theoretical limit. <i>Materials Horizons</i> , 2020, 7, 2726-2733.	6.4	26
15	Atomic PdAu Interlayer Sandwiched into Pd/Pt Core/Shell Nanowires Achieves Superstable Oxygen Reduction Catalysis. <i>ACS Nano</i> , 2020, 14, 11570-11578.	7.3	84
16	Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Zn-Air Battery and Self-Driven Water Splitting. <i>Advanced Energy Materials</i> , 2020, 10, 2002896.	10.2	210
17	Recent Advances in Electrochemical Oxygen Reduction to H <sub>2</sub> O <sub>2</sub> : Catalyst and Cell Design. <i>ACS Energy Letters</i> , 2020, 5, 1881-1892.	8.8	185
18	Electrocatalysis of Single-Atom Sites: Impacts of Atomic Coordination. <i>ACS Catalysis</i> , 2020, 10, 7584-7618.	5.5	274

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20	Universal Approach to Fabricating Graphene-Supported Single-Atom Catalysts from Doped ZnO Solid Solutions. <i>ACS Central Science</i> , 2020, 6, 1431-1440.	5.3	69
21	Axial Modification of Cobalt Complexes on Heterogeneous Surface with Enhanced Electron Transfer for Carbon Dioxide Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19162-19167.	7.2	64
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23	Multiscale structural engineering of atomically dispersed FeN <sub>4</sub> electrocatalyst for proton exchange membrane fuel cells. <i>Journal of Energy Chemistry</i> , 2021, 58, 629-635.	7.1	28
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25	Single-Atom Materials: Small Structures Determine Macroproperties. <i>Small Structures</i> , 2021, 2, 2000051.	6.9	195
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27	Inherent mass transfer engineering of a Co, N co-doped carbon material towards oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2021, 58, 391-396.	7.1	12
28	Nanocarbon-based metal-free and non-precious metal bifunctional electrocatalysts for oxygen reduction and oxygen evolution reactions. <i>Journal of Energy Chemistry</i> , 2021, 58, 610-628.	7.1	30
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33	Template-free synthesis of non-noble metal single-atom electrocatalyst with N-doped holey carbon matrix for highly efficient oxygen reduction reaction in zinc-air batteries. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119780.	10.8	68
34	Electrocatalytic Oxygen Reduction to Hydrogen Peroxide: From Homogeneous to Heterogeneous Electrocatalysis. <i>Advanced Energy Materials</i> , 2021, 11, 2003323.	10.2	150
35	Potential active sites of Mo single atoms for electrocatalytic reduction of N <sub>2</sub> . <i>Chinese Chemical Letters</i> , 2021, 32, 53-56.	4.8	66
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38	Applications of Atomically Dispersed Oxygen Reduction Catalysts in Fuel Cells and Zinc-Air Batteries. <i>Energy and Environmental Materials</i> , 2021, 4, 307-335.	7.3	58
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46	Oxygen Reduction Electrocatalysts toward Practical Fuel Cells: Progress and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17832-17852.	7.2	265
47	Rational Fabrication of Low-Coordinate Single-Atom Ni Electrocatalysts by MOFs for Highly Selective CO <sub>2</sub> Reduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7607-7611.	7.2	368
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58	Selective Electrocatalytic Reduction of Oxygen to Hydroxyl Radicals via 3e <sup>-</sup> Electron Pathway with FeCo Alloy Encapsulated Carbon Aerogel for Fast and Complete Removing Pollutants. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10375-10383.	7.2	141
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74	Engineering the Coordination Sphere of Isolated Active Sites to Explore the Intrinsic Activity in Single-Atom Catalysts. <i>Nano-Micro Letters</i> , 2021, 13, 136.	14.4	138
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273	Ni <sub>2</sub> Bi <sub>2</sub> OH Site-Activated Graphene Quantum Dots for Boosting Electrochemical Hydrogen Peroxide Production. <i>Advanced Materials</i> , 2023, 35, .	11.1	43
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