

chaoneng Dai

List of Publications by Year in descending order

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13
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Selective conversion of CO ₂ to formate on a size tunable nano-Bi electrocatalyst. Journal of CO ₂ Utilization, 2017, 20, 328-335. | 6.8 | 47 |
| 2 | A cold plasma-activated <i>in situ</i> AgCo surface alloy for enhancing the electroreduction of CO ₂ to ethanol. Journal of Materials Chemistry A, 2020, 8, 8410-8420. | 10.3 | 40 |
| 3 | High-selectivity electrochemical conversion of CO ₂ to lower alcohols using a multi-active sites catalyst of transition-metal oxides. Journal of CO ₂ Utilization, 2019, 34, 635-645. | 6.8 | 38 |
| 4 | Washcoating of cordierite honeycomb with vanadia-tungsta-titania mixed oxides for selective catalytic reduction of NO with NH ₃ . Catalysis Science and Technology, 2015, 5, 1241-1250. | 4.1 | 28 |
| 5 | Controlled synthesis of a Bi ₂ O ₃ -CuO catalyst for selective electrochemical reduction of CO ₂ to formate. New Journal of Chemistry, 2019, 43, 3493-3499. | 2.8 | 24 |
| 6 | Plasma-activated Co _x nanoclusters supported on graphite intercalation compounds for improved CO ₂ electroreduction to formate. Journal of Materials Chemistry A, 2019, 7, 24337-24346. | 10.3 | 22 |
| 7 | Synthesis of Ti ³⁺ self-doped mesoporous TiO ₂ cube with enhanced visible-light photoactivity by a simple reduction method. Journal of Alloys and Compounds, 2020, 845, 156138. | 5.5 | 22 |
| 8 | Low overpotential electrochemical CO ₂ reduction to formate on Co ₃ O ₄ -CeO ₂ /low graphitic carbon catalyst with oxygen vacancies. Journal of Solid State Chemistry, 2019, 279, 120946. | 2.9 | 20 |
| 9 | Ce regulated surface properties of Mn/SAPO-34 for improved NH ₃ -SCR at low temperature. RSC Advances, 2020, 10, 40047-40054. | 3.6 | 10 |
| 10 | Selective electroreduction of CO ₂ to ethanol over a highly stable catalyst derived from polyaniline/CuBi ₂ O ₄ . Catalysis Science and Technology, 2021, 11, 5908-5916. | 4.1 | 10 |
| 11 | The synthesis of bayberry-like mesoporous TiO ₂ microspheres by a kinetics-controlled method and their hydrophilic films. CrystEngComm, 2020, 22, 969-978. | 2.6 | 8 |
| 12 | Co, N co-doped porous carbon supported spinel Co ₃ O ₄ for highly selective electroreduction of CO ₂ to formate. Vacuum, 2022, 197, 110803. | 3.5 | 7 |
| 13 | The enhanced local CO concentration for efficient CO ₂ electrolysis towards C ₂ products on tandem active sites. Chemical Engineering Journal, 2022, 450, 138009. | 12.7 | 5 |