

# Feng Yu

## List of Publications by Year in descending order

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195  
papers

6,765  
citations

50276

46  
h-index

85541

71  
g-index

201  
all docs

201  
docs citations

201  
times ranked

8495  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | MOF-templated formation of porous CuO hollow octahedra for lithium-ion battery anode materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11126.  | 10.3 | 361       |
| 2  | Review of ZnO-based nanomaterials in gas sensors. <i>Solid State Ionics</i> , 2021, 360, 115544.   | 2.7  | 211       |
| 3  | Electrochemical biosensor based on graphene oxide@Au nanoclusters composites for l-cysteine analysis. <i>Biosensors and Bioelectronics</i> , 2012, 31, 49-54.  | 10.1 | 205       |
| 4  | Flute type micropores activated carbon from cotton stalk for high performance supercapacitors. <i>Journal of Power Sources</i> , 2017, 359, 88-96.   | 7.8  | 161       |
| 5  | Hybridization of graphene nanosheets and carbon-coated hollow Fe <sub>3</sub> O <sub>4</sub> nanoparticles as a high-performance anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2453-2460.                 | 10.3 | 128       |
| 6  | Two-dimensional SnS <sub>2</sub> @PANI nanoplates with high capacity and excellent stability for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3659-3666.  | 10.3 | 126       |
| 7  | Nitrogen and Sulfur Self-Doped Activated Carbon Directly Derived from Elm Flower for High-Performance Supercapacitors. <i>ACS Omega</i> , 2018, 3, 4724-4732.  | 3.5  | 122       |
| 8  | Phosphotungstic Acid Supported on Mesoporous Graphitic Carbon Nitride as Catalyst for Oxidative Desulfurization of Fuel. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 2040-2047.   | 3.7  | 114       |
| 9  | Fabrication of highly sensitive and selective electrochemical sensor by using optimized molecularly imprinted polymers on multi-walled carbon nanotubes for metronidazole measurement. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 647-652.    | 7.8  | 111       |
| 10 | Development of a Heterogeneous Non-Mercury Catalyst for Acetylene Hydrochlorination. <i>ACS Catalysis</i> , 2015, 5, 5306-5316.  | 11.2 | 105       |
| 11 | Porous micro-spherical aggregates of LiFePO <sub>4</sub> /C nanocomposites: A novel and simple template-free concept and synthesis via sol-gel-spray drying method. <i>Journal of Power Sources</i> , 2010, 195, 6873-6878.                              | 7.8  | 100       |
| 12 | An activated carbon derived from tobacco waste for use as a supercapacitor electrode material. <i>New Carbon Materials</i> , 2017, 32, 592-599.  | 6.1  | 98        |
| 13 | High-Purity Fe <sub>3</sub> S <sub>4</sub> Greigite Microcrystals for Magnetic and Electrochemical Performance. <i>Chemistry of Materials</i> , 2014, 26, 5821-5829.   | 6.7  | 97        |
| 14 | A green adsorbent derived from banana peel for highly effective removal of heavy metal ions from water. <i>RSC Advances</i> , 2016, 6, 45041-45048.  | 3.6  | 96        |
| 15 | N-Doping of plasma exfoliated graphene oxide via dielectric barrier discharge plasma treatment for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2011-2017.  | 10.3 | 94        |
| 16 | Up-scalable synthesis, structure and charge storage properties of porous microspheres of LiFePO <sub>4</sub> @C nanocomposites. <i>Journal of Materials Chemistry</i> , 2009, 19, 9121.  | 6.7  | 89        |
| 17 | Designed formation of NiCo <sub>2</sub> O <sub>4</sub> with different morphologies self-assembled from nanoparticles for asymmetric supercapacitors and electrocatalysts for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2019, 296, 719-729. | 5.2  | 86        |
| 18 | Boron and Nitrogen Codoped Carbon Layers of LiFePO <sub>4</sub> Improve the High-Rate Electrochemical Performance for Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20134-20143.                                       | 8.0  | 85        |

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|----|---|------|-----------|
| 19 | Preparation and characterization of mesoporous LiFePO <sub>4</sub> /C microsphere by spray drying assisted template method. <i>Journal of Power Sources</i> , 2009, 189, 794-797.   | 7.8  | 84        |
| 20 | Two-dimensional layered double hydroxides as a platform for electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9389-9430.  | 10.3 | 83        |
| 21 | Highly Efficient Multifunctional Co@N-C Electrocatalysts with Synergistic Effects of Co-N Moieties and Co Metallic Nanoparticles Encapsulated in a N-Doped Carbon Matrix for Water-Splitting and Oxygen Redox Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 39809-39819. | 8.0  | 80        |
| 22 | High-performance lithium iron phosphate with phosphorus-doped carbon layers for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2043-2049.  | 10.3 | 78        |
| 23 | Highly-Dispersed Ni-NiO Nanoparticles Anchored on an SiO <sub>2</sub> Support for an Enhanced CO Methanation Performance. <i>Catalysts</i> , 2019, 9, 506.  | 3.5  | 77        |
| 24 | Novel Electrochemical Sensing Platform Based on a Molecularly Imprinted Polymer Decorated 3D Nanoporous Nickel Skeleton for Ultrasensitive and Selective Determination of Metronidazole. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 15474-15480.                                  | 8.0  | 75        |
| 25 | A Review of Recent Advances of Dielectric Barrier Discharge Plasma in Catalysis. <i>Nanomaterials</i> , 2019, 9, 1428.  | 4.1  | 73        |
| 26 | Applications of graphene and related nanomaterials in analytical chemistry. <i>New Journal of Chemistry</i> , 2015, 39, 2380-2395.  | 2.8  | 69        |
| 27 | Nitrogen-Doped Banana Peel-Derived Porous Carbon Foam as Binder-Free Electrode for Supercapacitors. <i>Nanomaterials</i> , 2016, 6, 18.   | 4.1  | 65        |
| 28 | Fabrication of ultra-sensitive and selective dopamine electrochemical sensor based on molecularly imprinted polymer modified graphene@carbon nanotube foam. <i>Electrochemistry Communications</i> , 2016, 64, 42-45.   | 4.7  | 65        |
| 29 | Robust Artificial Solid-Electrolyte Interfaces with Biomimetic Ionic Channels for Dendrite-Free Li Metal Anodes. <i>Advanced Energy Materials</i> , 2021, 11, 2003496.  | 19.5 | 64        |
| 30 | Highly active N,S co-doped hierarchical porous carbon nanospheres from green and template-free method for super capacitors and oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 318, 272-280.  | 5.2  | 60        |
| 31 | Reaction mechanism and electrochemical performance of LiFePO <sub>4</sub> /C cathode materials synthesized by carbothermal method. <i>Electrochimica Acta</i> , 2009, 54, 7389-7395.  | 5.2  | 59        |
| 32 | Microspherical MnO <sub>2</sub> -CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> mixed oxide for monolithic honeycomb catalyst and application in selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> at 50-150°C. <i>Chemical Engineering Journal</i> , 2018, 346, 182-192. | 12.7 | 59        |
| 33 | Overwhelming microwave irradiation assisted synthesis of olivine-structured LiMPO <sub>4</sub> (M=Fe, Mn, Co) <i>TJ ETQq1 1 0.784314 rgBT /Over</i>   | 16.0 | 56        |
| 34 | Controllable synthesis of nano-sized LiFePO <sub>4</sub> /C via a high shear mixer facilitated hydrothermal method for high rate Li-ion batteries. <i>Electrochimica Acta</i> , 2015, 173, 448-457.   | 5.2  | 56        |
| 35 | LiFePO <sub>4</sub> nanoparticles growth with preferential (010) face modulated by Tween-80. <i>RSC Advances</i> , 2015, 5, 9745-9751.  | 3.6  | 56        |
| 36 | Molecular-level design of Fe-N-C catalysts derived from Fe-dual pyridine coordination complexes for highly efficient oxygen reduction. <i>Journal of Catalysis</i> , 2019, 372, 245-257.  | 6.2  | 56        |

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|----|--|------|-----------|
| 37 | Layer-by-layer self-assembly CdTe quantum dots and molecularly imprinted polymers modified chemiluminescence sensor for deltamethrin detection. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 222-227.   | 7.8  | 55        |
| 38 | Nitrogen-Doped Pitch-Based Spherical Active Carbon as a Nonmetal Catalyst for Acetylene Hydrochlorination. <i>ChemCatChem</i> , 2014, 6, 2339-2344.  | 3.7  | 55        |
| 39 | Walnut shell-derived hierarchical porous carbon with high performances for electrocatalytic hydrogen evolution and symmetry supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 443-451.  | 7.1  | 55        |
| 40 | An ultralight nitrogen-doped carbon aerogel anchored by Ni-NiO nanoparticles for enhanced microwave adsorption performance. <i>Journal of Alloys and Compounds</i> , 2019, 776, 43-51.   | 5.5  | 54        |
| 41 | Electrochemical capacitive properties of CNT fibers spun from vertically aligned CNT arrays. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1775-1780.   | 2.5  | 52        |
| 42 | Three-Dimensional Honeycomb-Like Porous Carbon with Both Interconnected Hierarchical Porosity and Nitrogen Self-Doping from Cotton Seed Husk for Supercapacitor Electrode. <i>Nanomaterials</i> , 2018, 8, 412.  | 4.1  | 52        |
| 43 | Facile Template-Free Synthesis and Characterization of Elliptic $\text{Fe}_2\text{O}_3$ Superstructures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8092-8096.  | 3.1  | 51        |
| 44 | Scalable synthesis of the lithium silicate-based high-temperature $\text{CO}_2$ sorbent from inexpensive raw material vermiculite. <i>Chemical Engineering Journal</i> , 2018, 349, 562-573.   | 12.7 | 51        |
| 45 | Two-dimensional vermiculite carried CuCoCe catalysts for CO-SCR in the presence of $\text{O}_2$ and $\text{H}_2\text{O}$ : Experimental and DFT calculation. <i>Chemical Engineering Journal</i> , 2021, 422, 130099.  | 12.7 | 48        |
| 46 | A free-standing electrochemical sensor based on graphene foam-carbon nanotube composite coupled with gold nanoparticles and its sensing application for electrochemical determination of dopamine and uric acid. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 129-134. | 3.8  | 47        |
| 47 | Metal organic frameworks derived porous lithium iron phosphate with continuous nitrogen-doped carbon networks for lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 304, 42-50.   | 7.8  | 46        |
| 48 | Enhanced Photocatalytic Degradation of Organic Dyes via Defect-Rich $\text{TiO}_2$ Prepared by Dielectric Barrier Discharge Plasma. <i>Nanomaterials</i> , 2019, 9, 720.   | 4.1  | 46        |
| 49 | Optimized electrochemical performance of three-dimensional porous $\text{LiFePO}_4/\text{C}$ microspheres via microwave irradiation assisted synthesis. <i>Journal of Power Sources</i> , 2014, 271, 223-230.  | 7.8  | 45        |
| 50 | One-step synthesis of nickel-iron layered double hydroxides with tungstate acid anions via flash nano-precipitation for the oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2019, 3, 237-244.   | 4.9  | 45        |
| 51 | Mechanism studies of $\text{LiFePO}_4$ cathode material: lithiation/delithiation process, electrochemical modification and synthetic reaction. <i>RSC Advances</i> , 2014, 4, 54576-54602.   | 3.6  | 44        |
| 52 | High efficient nickel/vermiculite catalyst prepared via microwave irradiation-assisted synthesis for carbon monoxide methanation. <i>Fuel</i> , 2016, 171, 263-269.  | 6.4  | 44        |
| 53 | High Electrochemical Performance of $\text{LiFePO}_4$ Cathode Material via In-Situ Microwave Exfoliated Graphene Oxide. <i>Electrochimica Acta</i> , 2015, 151, 240-248.   | 5.2  | 42        |
| 54 | Enhanced selective catalytic reduction of NO with $\text{NH}_3$ via porous micro-spherical aggregates of Mn-Ce-Fe-Ti mixed oxide nanoparticles. <i>Green Energy and Environment</i> , 2019, 4, 311-321.  | 8.7  | 40        |

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|----|---|-----|-----------|
| 55 | Enhanced Oxygen Reduction Reaction by In Situ Anchoring Fe <sub>2</sub> N Nanoparticles on Nitrogen-Doped Pomelo Peel-Derived Carbon. <i>Nanomaterials</i> , 2017, 7, 404.  | 4.1 | 39        |
| 56 | Heteroatom-doped porous carbon from methyl orange dye wastewater for oxygen reduction. <i>Green Energy and Environment</i> , 2018, 3, 172-178.  | 8.7 | 39        |
| 57 | Three-Dimensional Porous LiFePO <sub>4</sub> : Design, Architectures and High Performance for Lithium Ion Batteries. <i>Current Inorganic Chemistry</i> , 2012, 2, 194-212.   | 0.2 | 39        |
| 58 | Molecularly imprinted polymer functionalized nanoporous Au-Ag alloy microrod: Novel supportless electrochemical platform for ultrasensitive and selective sensing of metronidazole. <i>Electrochimica Acta</i> , 2016, 208, 10-16.                | 5.2 | 38        |
| 59 | Enhanced Low Temperature NO Reduction Performance via MnOx-Fe <sub>2</sub> O <sub>3</sub> /Vermiculite Monolithic Honeycomb Catalysts. <i>Catalysts</i> , 2018, 8, 100.   | 3.5 | 38        |
| 60 | Polyoxometalate intercalated NiFe layered double hydroxides for advanced water oxidation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1802-1809.  | 7.1 | 37        |
| 61 | Disposable electrochemical immunosensor for simultaneous assay of a panel of breast cancer tumor markers. <i>Analyst</i> , 2012, 137, 4727.   | 3.5 | 36        |
| 62 | DBD Plasma-ZrO <sub>2</sub> Catalytic Decomposition of CO <sub>2</sub> at Low Temperatures. <i>Catalysts</i> , 2018, 8, 256.  | 3.5 | 36        |
| 63 | Preparation and electrochemical performance of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C cathode material by spray-drying and carbothermal method. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 883-888.    | 2.5 | 35        |
| 64 | Application of mesoporous carbon nitride as a support for an Au catalyst for acetylene hydrochlorination. <i>Chemical Engineering Science</i> , 2015, 135, 472-478.   | 3.8 | 35        |
| 65 | Modulating surface chemistry of heteroatom-rich micropore carbon cloth electrode for aqueous 2.1 V high-voltage window all-carbon supercapacitor. <i>Journal of Power Sources</i> , 2019, 431, 232-238.   | 7.8 | 35        |
| 66 | Facile synthesis of hollow MnFe <sub>2</sub> O <sub>4</sub> nanoboxes based on galvanic replacement reaction for fast and sensitive VOCs sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 589-596.                                   | 7.8 | 34        |
| 67 | Revealing the dependence of active site configuration of N doped and N, S-co-doped carbon nanospheres on six-membered heterocyclic precursors for oxygen reduction reaction. <i>Journal of Catalysis</i> , 2020, 389, 677-689.                    | 6.2 | 33        |
| 68 | Voltammetric lidocaine sensor by using a glassy carbon electrode modified with porous carbon prepared from a MOF, and with a molecularly imprinted polymer. <i>Mikrochimica Acta</i> , 2018, 185, 78.   | 5.0 | 32        |
| 69 | Two-Dimensional Layered Double Hydroxides for Reactions of Methanation and Methane Reforming in C <sub>1</sub> Chemistry. <i>Materials</i> , 2018, 11, 221.   | 2.9 | 32        |
| 70 | Reducing N <sub>2</sub> O Formation over CO <sub>2</sub> -SCR Systems with CuCe Mixed Metal Oxides. <i>ChemCatChem</i> , 2021, 13, 2709-2718.   | 3.7 | 32        |
| 71 | A review of recent advances in two-dimensional natural clay vermiculite-based nanomaterials. <i>Materials Research Express</i> , 2019, 6, 102002.   | 1.6 | 31        |
| 72 | Highly selective catalytic reduction of NO <sub>x</sub> by MnOx-CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> catalysts prepared by self-propagating high-temperature synthesis. <i>Journal of Environmental Sciences</i> , 2019, 75, 124-135. | 6.1 | 31        |

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| 73 | Effect of Au nano-particle aggregation on the deactivation of the AuCl <sub>3</sub> /AC catalyst for acetylene hydrochlorination. <i>Scientific Reports</i> , 2015, 5, 10553.  | 3.3  | 30        |
| 74 | High CO Methanation Performance of Two-Dimensional Ni/MgAl Layered Double Oxide with Enhanced Oxygen Vacancies via Flash Nanoprecipitation. <i>Catalysts</i> , 2018, 8, 363.   | 3.5  | 30        |
| 75 | Directly application of bimetallic 2D-MOF for advanced electrocatalytic oxygen evolution. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 416-424.   | 7.1  | 30        |
| 76 | Modification of NiFe layered double hydroxide by lanthanum doping for boosting water splitting. <i>Electrochimica Acta</i> , 2021, 390, 138824.  | 5.2  | 30        |
| 77 | Fluorescence resonance energy transfer sensor between quantum dot donors and neutral red acceptors and its detection of BSA in micelles. <i>Dyes and Pigments</i> , 2011, 91, 304-308.   | 3.7  | 29        |
| 78 | A Review on the Promising Plasma-Assisted Preparation of Electrocatalysts. <i>Nanomaterials</i> , 2019, 9, 1436.   | 4.1  | 29        |
| 79 | Defective ZnS nanoparticles anchored in situ on N-doped carbon as a superior oxygen reduction reaction catalyst. <i>Journal of Energy Chemistry</i> , 2019, 39, 152-159.   | 12.9 | 29        |
| 80 | A review of biomass-derived graphene and graphene-like carbons for electrochemical energy storage and conversion. <i>New Carbon Materials</i> , 2021, 36, 350-372.   | 6.1  | 29        |
| 81 | Two-dimensional porous SiO <sub>2</sub> nanomesh supported high dispersed Ni nanoparticles for CO methanation. <i>Chemical Engineering Journal</i> , 2017, 326, 774-780.   | 12.7 | 28        |
| 82 | 3D nitrogen-doped graphite foam@Prussian blue: an electrochemical sensing platform for highly sensitive determination of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Mikrochimica Acta</i> , 2018, 185, 86.  | 5.0  | 28        |
| 83 | A Critical Review of Recent Progress and Perspective in Practical Denitration Application. <i>Catalysts</i> , 2019, 9, 771.  | 3.5  | 27        |
| 84 | Active sites engineering via tuning configuration between graphitic-N and thiophenic-S dopants in one-step synthesized graphene nanosheets for efficient water-cycled electrocatalysis. <i>Chemical Engineering Journal</i> , 2021, 416, 129096.       | 12.7 | 27        |
| 85 | Two-dimensional NiAl layered double oxides as non-noble metal catalysts for enhanced CO methanation performance at low temperature. <i>Fuel</i> , 2019, 255, 115770.   | 6.4  | 26        |
| 86 | Ultralow-weight loading Ni catalyst supported on two-dimensional vermiculite for carbon monoxide methanation. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1873-1878.  | 3.5  | 25        |
| 87 | Two-dimensional MnFeCo layered double oxide as catalyst for enhanced selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> at low temperature (25–150 °C). <i>Applied Catalysis A: General</i> , 2020, 592, 117432.                    | 4.3  | 25        |
| 88 | Enhanced selective catalytic reduction of NO with CO over Cu/C nanoparticles synthesized from a Cu-benzene-1,3,5-tricarboxylate metal organic framework by a continuous spray drying process. <i>Chemical Engineering Journal</i> , 2020, 388, 124270. | 12.7 | 25        |
| 89 | Enhanced CO <sub>2</sub> decomposition via metallic foamed electrode packed in self-cooling DBD plasma device. <i>Plasma Science and Technology</i> , 2019, 21, 085504.  | 1.5  | 24        |
| 90 | Revealing the active sites of the structured Ni-based catalysts for one-step CO <sub>2</sub> /CH <sub>4</sub> conversion into oxygenates by plasma-catalysis. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 52, 101675.                         | 6.8  | 24        |

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|-----|--|------|-----------|
| 91  | Up-scaled flash nano-precipitation production route to develop a MnOx@CeO2@Al2O3 catalyst with enhanced activity and H2O resistant performance for NOx selective catalytic reduction with NH3. <i>Chemical Engineering Research and Design</i> , 2018, 134, 476-486. | 5.6  | 23        |
| 92  | Mn-Ce-Fe-Al mixed oxide nanoparticles via a high shear mixer facilitated coprecipitation method for low temperature selective catalytic reduction of NO with NH3. <i>Applied Catalysis A: General</i> , 2019, 586, 117237.   | 4.3  | 23        |
| 93  | Hollow palladium@copper bimetallic nanospheres with high oxygen reduction activity. <i>Electrochimica Acta</i> , 2015, 176, 222-229.   | 5.2  | 22        |
| 94  | In situ molecular-level synthesis of N, S co-doped carbon as efficient metal-free oxygen redox electrocatalysts for rechargeable Zn@Air batteries. <i>Applied Materials Today</i> , 2020, 20, 100737.  | 4.3  | 22        |
| 95  | Nickel catalysts supported on amino-functionalized MCM-41 for syngas methanation. <i>RSC Advances</i> , 2016, 6, 66957-66962.  | 3.6  | 21        |
| 96  | Environmental Benign Synthesis of Lithium Silicates and Mg-Al Layered Double Hydroxide from Vermiculite Mineral for CO2 Capture. <i>Catalysts</i> , 2017, 7, 105.  | 3.5  | 21        |
| 97  | Self-synergistic cobalt catalysts with symbiotic metal single-atoms and nanoparticles for efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1127-1133.  | 10.3 | 21        |
| 98  | Multifunctional book-like CuCo-MOF for highly sensitive glucose detection and electrocatalytic oxygen evolution. <i>New Journal of Chemistry</i> , 2021, 45, 16714-16721.  | 2.8  | 21        |
| 99  | Transition-metal@doped ceria carried on two-dimensional vermiculite for selective catalytic reduction of NO with CO: Experiments and density functional theory. <i>Applied Surface Science</i> , 2021, 566, 150704.  | 6.1  | 21        |
| 100 | pH-responsive chitosan-based flocculant for precise dye flocculation control and the recycling of textile dyeing effluents. <i>RSC Advances</i> , 2018, 8, 39334-39340.  | 3.6  | 20        |
| 101 | Synthesis of hierarchical Li4SiO4 nanoparticles/flakers composite from vermiculite/MCM-41 hybrid with improved CO2 capture performance under different CO2 concentrations. <i>Chemical Engineering Journal</i> , 2019, 371, 424-432.                                 | 12.7 | 20        |
| 102 | Synthesis of Co2@xNiO2 (0 < x < 1.0) hexagonal nanostructures as efficient bifunctional electrocatalysts for overall water splitting. <i>Dalton Transactions</i> , 2020, 49, 6587-6595.  | 3.3  | 20        |
| 103 | Three-dimensional flower-like Co(OH)2 microspheres of nanoflakes/nanorods assembled on nickel foam as binder-free electrodes for High performance supercapacitors. <i>Materials Letters</i> , 2015, 158, 17-20.  | 2.6  | 19        |
| 104 | Electrochemical determination of trace lead(II) with enhanced sensitivity and selectivity by three-dimensional nanoporous gold leaf and self-assembled homocysteine monolayer. <i>Journal of Electroanalytical Chemistry</i> , 2015, 758, 78-84.                     | 3.8  | 19        |
| 105 | Effect of Pd Doping on the Cu<sup>0</sup>/Cu<sup>+</sup> Ratio of Cu-Pd/SiO<sub>2</sub> Catalysts for Ethylene Glycol Synthesis from Dimethyl Oxalate. <i>ChemistrySelect</i> , 2016, 1, 2857-2863.  | 1.5  | 19        |
| 106 | Direct decomposition of CO<sub>2</sub> using self-cooling dielectric barrier discharge plasma. , 2017, 7, 721-730.   |      | 19        |
| 107 | Two-Dimensional Layered Double Hydroxide Derived from Vermiculite Waste Water Supported Highly Dispersed Ni Nanoparticles for CO Methanation. <i>Catalysts</i> , 2017, 7, 79.  | 3.5  | 19        |
| 108 | Enhanced Oxygen Vacancies in a Two-Dimensional MnAl-Layered Double Oxide Prepared via Flash Nanoprecipitation Offers High Selective Catalytic Reduction of NOx with NH3. <i>Nanomaterials</i> , 2018, 8, 620.  | 4.1  | 19        |

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|-----|---|-----|-----------|
| 109 | Effective Oxygen Reduction Reaction Performance of FeCo Alloys In Situ Anchored on Nitrogen-Doped Carbon by the Microwave-Assistant Carbon Bath Method and Subsequent Plasma Etching. <i>Nanomaterials</i> , 2019, 9, 1284.   | 4.1 | 19        |
| 110 | Enhanced low-temperature catalytic carbon monoxide methanation performance <i>via</i> vermiculite-derived silicon carbide-supported nickel nanoparticles. <i>Sustainable Energy and Fuels</i> , 2019, 3, 965-974.   | 4.9 | 19        |
| 111 | Synthesis of Both Powdered and Preformed MnO <sub>x</sub> –CeO <sub>2</sub> –Al <sub>2</sub> O <sub>3</sub> Catalysts by Self-Propagating High-Temperature Synthesis for the Selective Catalytic Reduction of NO <sub>x</sub> with NH <sub>3</sub> . <i>ACS Omega</i> , 2018, 3, 5692-5703. | 3.5 | 17        |
| 112 | Critical role of iron carbide nanodots on 3D graphene based nonprecious metal catalysts for enhancing oxygen reduction reaction. <i>Electrochimica Acta</i> , 2018, 281, 502-509.   | 5.2 | 17        |
| 113 | Nitrogen and Sulfur Co-Doped Graphene-Like Carbon from Industrial Dye Wastewater for Use as a High-Performance Supercapacitor Electrode. <i>Global Challenges</i> , 2019, 3, 1900043.   | 3.6 | 17        |
| 114 | Nitrogen-Doped Carbon Nanoparticles for Oxygen Reduction Prepared via a Crushing Method Involving a High Shear Mixer. <i>Materials</i> , 2017, 10, 1030.  | 2.9 | 16        |
| 115 | High-efficiency removal of NO <sub>x</sub> using dielectric barrier discharge nonthermal plasma with water as an outer electrode. <i>Plasma Science and Technology</i> , 2018, 20, 014020.  | 1.5 | 16        |
| 116 | Atmospheric-Pressure Cold Plasma Activating Au/P25 for CO Oxidation: Effect of Working Gas. <i>Nanomaterials</i> , 2018, 8, 742.  | 4.1 | 16        |
| 117 | CO <sub>2</sub> conversion in a coaxial dielectric barrier discharge plasma reactor in the presence of mixed ZrO <sub>2</sub> -CeO <sub>2</sub> . <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104654.   | 6.7 | 16        |
| 118 | Application of a H <sub>4</sub> SiMo <sub>12</sub> O <sub>40</sub> @SiO <sub>2</sub> catalyst with a hollow core-shell structure to oxidative desulfurization. <i>RSC Advances</i> , 2015, 5, 76182-76189.  | 3.6 | 15        |
| 119 | Synthesis and characterization of alkali metal molybdates with high catalytic activity for dye degradation. <i>RSC Advances</i> , 2016, 6, 54553-54563.   | 3.6 | 15        |
| 120 | Fe <sub>3</sub> O <sub>4</sub> /Fe <sub>3</sub> C@Nitrogen-Doped Carbon for Enhancing Oxygen Reduction Reaction. <i>ChemNanoMat</i> , 2019, 5, 187-193.   | 2.8 | 15        |
| 121 | Clarification of Active Sites at Interfaces between Silica Support and Nickel Active Components for Carbon Monoxide Methanation. <i>Catalysts</i> , 2018, 8, 293.   | 3.5 | 15        |
| 122 | Cu-Doped Porous Carbon Derived from Heavy Metal-Contaminated Sewage Sludge for High-Performance Supercapacitor Electrode Materials. <i>Nanomaterials</i> , 2019, 9, 892.  | 4.1 | 15        |
| 123 | Improved oxygen reduction reaction via a partially oxidized Co-CoO catalyst on N-doped carbon synthesized by a facile sand-bath method. <i>Chinese Chemical Letters</i> , 2019, 30, 624-629.  | 9.0 | 15        |
| 124 | Improved oxygen reduction performance of a N, S co-doped graphene-like carbon prepared by a simple carbon bath method. <i>New Carbon Materials</i> , 2020, 35, 531-539.   | 6.1 | 15        |
| 125 | Synthesis of mesoporous TiO <sub>2</sub> @C/MnO <sub>2</sub> multi-shelled hollow nanospheres with high rate capability and stability for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 65243-65251.  | 3.6 | 14        |
| 126 | Plasma-enhanced copper dispersion and activity performance of Cu-Ni/ZrO <sub>2</sub> catalyst for dimethyl oxalate hydrogenation. <i>Catalysis Communications</i> , 2017, 102, 31-34.   | 3.3 | 14        |



| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 127 | Design of an Extended Experiment with Electrical Double Layer Capacitors: Electrochemical Energy Storage Devices in Green Chemistry. <i>Sustainability</i> , 2018, 10, 3630.  | 3.2  | 14        |
| 128 | Understanding the CO <sub>2</sub> chemical reaction path on Li <sub>6</sub> ZnO <sub>4</sub> , a new possible high temperature CO <sub>2</sub> captor. <i>Chemical Engineering Journal</i> , 2021, 417, 129205.   | 12.7 | 14        |
| 129 | Fabrication of surface oxygen vacancies on NiMnAl-LDO catalyst by high-shear mixer-assisted preparation for low-temperature CO <sub>2</sub> methanation. <i>Fuel</i> , 2022, 309, 122099.   | 6.4  | 14        |
| 130 | Highly Active and Stable ZrO <sub>2</sub> -SiO <sub>2</sub> -Supported Cu-Catalysts for the Hydrogenation of Dimethyl Oxalate to Methyl Glycolate. <i>ChemistrySelect</i> , 2017, 2, 4823-4829.   | 1.5  | 13        |
| 131 | DBD Plasma Combined with Different Foam Metal Electrodes for CO <sub>2</sub> Decomposition: Experimental Results and DFT Validations. <i>Nanomaterials</i> , 2019, 9, 1595.   | 4.1  | 13        |
| 132 | Overwhelming electrochemical oxygen reduction reaction of zinc-nitrogen-carbon from biomass resource chitosan via a facile carbon bath method. <i>Chinese Chemical Letters</i> , 2020, 31, 1207-1212.   | 9.0  | 13        |
| 133 | Enhanced low-temperature CO-SCR denitration performance and mechanism of two-dimensional CuCoAl layered double oxide. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108030.  | 6.7  | 13        |
| 134 | N-doped Carbon Coated CoO Nanowire Arrays Derived from Zeolitic Imidazolate Framework-67 as Binder-free Anodes for High-performance Lithium Storage. <i>Scientific Reports</i> , 2019, 9, 5934.   | 3.3  | 12        |
| 135 | Zinc and Nitrogen-Doped Carbon In-Situ Wrapped ZnO Nanoparticles as a High-Activity Catalyst for Acetylene Acetoxylation. <i>Catalysis Letters</i> , 2020, 150, 1155-1162.  | 2.6  | 12        |
| 136 | Ethanol Sensing Properties and First Principles Study of Au Supported on Mesoporous ZnO Derived from Metal Organic Framework ZIF-8. <i>Sensors</i> , 2021, 21, 4352.  | 3.8  | 12        |
| 137 | Hydrochlorination of acetylene using expanded multilayered vermiculite (EML-VMT)-supported catalysts. <i>Chinese Chemical Letters</i> , 2015, 26, 1101-1104.  | 9.0  | 11        |
| 138 | Effect of Different Nano-Sized Silica Sols as Supports on the Structure and Properties of Cu/SiO <sub>2</sub> for Hydrogenation of Dimethyl Oxalate. <i>Catalysts</i> , 2017, 7, 75.  | 3.5  | 11        |
| 139 | The influence of Pt loading and dispersion on the NO <sub>x</sub> storage and reduction performance of Pt/K <sub>2</sub> CO <sub>3</sub> /Co <sub>1</sub> Mg <sub>2</sub> Al <sub>10</sub> O <sub>x</sub> catalysts. <i>Catalysis Today</i> , 2020, 339, 148-158.                                       | 4.4  | 11        |
| 140 | Enhanced low-temperature CO/CO <sub>2</sub> methanation performance of Ni/Al <sub>2</sub> O <sub>3</sub> microspheres prepared by the spray drying method combined with high shear mixer-assisted coprecipitation. <i>Fuel</i> , 2021, 291, 120127.   | 6.4  | 11        |
| 141 | 3D Cross-linked Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> -Ca-SA films with expanded Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> interlayer spacing as freestanding electrode for all-solid-state flexible pseudocapacitor. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 295-303. | 9.4  | 11        |
| 142 | Construction of graphitic-N-rich TiO <sub>2</sub> -N-C interfaces via dye dissociation and reassembly for efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2022, 431, 133246.   | 12.7 | 11        |
| 143 | Glucose-assisted hydrothermal synthesis of few-layer reduced graphene oxide wrapped mesoporous TiO <sub>2</sub> submicrospheres with enhanced electrochemical performance for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 20741-20749.  | 3.6  | 10        |
| 144 | Few-layer TiO <sub>2</sub> nanosheets with N-doped graphene nanosheets as a highly robust anode for lithium-ion batteries. <i>RSC Advances</i> , 2017, 7, 7864-7869.  | 3.6  | 10        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | Flocculant-Assisted Synthesis of Graphene-Like Carbon Nanosheets for Oxygen Reduction Reaction and Supercapacitor. <i>Nanomaterials</i> , 2019, 9, 1135.  | 4.1  | 10        |
| 146 | Two-dimensional MnAl mixed-metal oxide nanosheets prepared via a high-shear-mixer-facilitated coprecipitation method for enhanced selective catalytic reduction of NO with NH <sub>3</sub> . <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 145, 107664. | 3.6  | 10        |
| 147 | Ultralow specific surface area vermiculite supporting Mn-Ce-Fe mixed oxides as "curling catalysts" for selective catalytic reduction of NO with NH <sub>3</sub> . <i>Green Chemical Engineering</i> , 2021, 2, 284-293.   | 6.3  | 10        |
| 148 | Two-Dimensional Porous Silica Nanomesh from Expanded Multilayered Vermiculite via Mixed Acid Leaching. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 1028-1032.  | 0.4  | 10        |
| 149 | Activated carbon supported VN, Mo <sub>2</sub> N, and W <sub>2</sub> N as catalysts for acetylene hydrochlorination. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 50, 72-78.  | 5.8  | 9         |
| 150 | Non-stoichiometric carbon-coated LiFe <sub>x</sub> PO <sub>4</sub> as cathode materials for high-performance Li-ion batteries. <i>RSC Advances</i> , 2017, 7, 33544-33551.  | 3.6  | 9         |
| 151 | Hierarchical CoNiO <sub>2</sub> polyhedral mesoporous nanoparticles: Hydrothermal microwave carbon bath process synthesis and ultrahigh electrochemical activity for detection of Cu(II). <i>Electrochimica Acta</i> , 2019, 320, 134581.   | 5.2  | 9         |
| 152 | High efficient oxygen reduction performance of Fe/Fe <sub>3</sub> C nanoparticles in situ encapsulated in nitrogen-doped carbon via a novel microwave-assisted carbon bath method. <i>Nano Materials Science</i> , 2019, 1, 131-136.  | 8.8  | 9         |
| 153 | 3D Model of an Order-Structured Cathode Catalyst Layer with Vertically Aligned Carbon Nanotubes for PEM Fuel Cells under the Water Flooding Condition. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 695-705.   | 6.7  | 9         |
| 154 | 3D-printed monolithic catalyst of Mn-Ce-Fe/attapulgite for selective catalytic reduction of nitric oxide with ammonia at low temperature. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105753.   | 6.7  | 9         |
| 155 | Visible-light-activated TiO <sub>2</sub> @NiFe <sub>2</sub> O <sub>4</sub> heterojunction for detecting sub-ppm trimethylamine. <i>Journal of Alloys and Compounds</i> , 2022, 898, 162990.   | 5.5  | 9         |
| 156 | Enhanced photoelectrochemical performance of ZnO/NiFe-layered double hydroxide for water splitting: Experimental and photo-assisted density functional theory calculations. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 285-293.                                     | 9.4  | 9         |
| 157 | Activated Carbon Supported Mo-Ti-N Binary Transition Metal Nitride as Catalyst for Acetylene Hydrochlorination. <i>Catalysts</i> , 2017, 7, 200.  | 3.5  | 8         |
| 158 | Methyl Chloride Synthesis over Metal Chlorides-Modified Mesoporous Alumina Catalyst. <i>Catalysts</i> , 2018, 8, 99.  | 3.5  | 8         |
| 159 | Naphthalene-modulated microporous carbon layers of LiFePO <sub>4</sub> improve the high-rate electrochemical performance. <i>Journal of Energy Chemistry</i> , 2019, 30, 84-89.   | 12.9 | 8         |
| 160 | Cobalt substituted polyoxophosphomolybdate modified TiO <sub>2</sub> for boosted photoelectrocatalytic water oxidation. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157232.   | 5.5  | 8         |
| 161 | Defect-Rich Nickel Nanoparticles Supported on SiC Derived from Silica Fume with Enhanced Catalytic Performance for CO Methanation. <i>Catalysts</i> , 2019, 9, 295.   | 3.5  | 7         |
| 162 | Uniformly dispersed Fe <sub>3</sub> C (~5 nm) in Fe-N-doped carbon nanosheets derived from coal tar pitch as efficient electrocatalysts for oxygen reduction reaction. <i>Materials Letters</i> , 2020, 273, 127861.  | 2.6  | 7         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | NaKB <sub>6</sub> O <sub>9</sub> F <sub>2</sub> : a new complex alkali metal fluorooxoborate with puckered layers. <i>New Journal of Chemistry</i> , 2021, 45, 2974-2980.  | 2.8 | 7         |
| 164 | Enhanced oxygen reduction reaction performance of Co@Nâ€‘C derived from metal-organic frameworks ZIF-67 via a continuous microchannel reactor. <i>Chinese Chemical Letters</i> , 2023, 34, 107128.   | 9.0 | 7         |
| 165 | Effective Catalytic Performance of Plasma-Enhanced W <sub>2</sub> N/AC as Catalysts for Acetylene Hydrochlorination. <i>Topics in Catalysis</i> , 2017, 60, 1016-1023.   | 2.8 | 6         |
| 166 | Hydrochlorination of acetylene over the Ru-based catalysts treated by plasma under different atmospheres. <i>Plasma Science and Technology</i> , 2019, 21, 085501.   | 1.5 | 6         |
| 167 | Synthesis and formation mechanism of monodisperse Mn-Co-Ni-O spinel nanocrystallines. <i>Advanced Powder Technology</i> , 2019, 30, 1269-1276.   | 4.1 | 6         |
| 168 | New Catalytic and Sorption Bifunctional Li <sub>6</sub> CoO <sub>4</sub> Material for Carbon Monoxide Oxidation and Subsequent Chemisorption. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 10823-10831.                                      | 3.7 | 6         |
| 169 | Three-dimensional porous Mnâ€‘Ni/Al <sub>2</sub> O <sub>3</sub> microspheres for enhanced low temperature CO hydrogenation to produce methane. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 7912-7925.  | 7.1 | 6         |
| 170 | Upâ€‘scaled Microspherical Aggregates of LiFe <sub>0.4</sub> V <sub>0.4</sub> PO <sub>4</sub> /C Nanocomposites as Cathode Materials for Highâ€‘rate Liâ€‘ion Batteries. <i>Energy Technology</i> , 2015, 3, 496-502.  | 3.8 | 5         |
| 171 | Overwhelming low ammonia escape and low temperature denitration efficiency via MnO <sub>2</sub> -decorated two-dimensional MgAl layered double oxides. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 1925-1934.                                       | 3.5 | 5         |
| 172 | La-enhanced Ni nanoparticles highly dispersed on SiC for low-temperature CO methanation performance. <i>Rare Metals</i> , 2021, 40, 1753-1761.   | 7.1 | 5         |
| 173 | Preparation of mesoporous CoNiO <sub>2</sub> hexagonal nanoparticles for asymmetric supercapacitors via a hydrothermal microwave carbon bath process. <i>New Journal of Chemistry</i> , 2019, 43, 15066-15071.   | 2.8 | 4         |
| 174 | N, S Dual-Doped Carbon Derived from Dye Sludge by Using Polymeric Flocculant as Soft Template. <i>Nanomaterials</i> , 2019, 9, 991.  | 4.1 | 4         |
| 175 | K <sub>5</sub> B <sub>19</sub> O <sub>31</sub> : A Deepâ€‘ultraviolet Congruent Melting Compound. <i>ChemistrySelect</i> , 2019, 4, 10436-10441.   | 1.5 | 4         |
| 176 | A facile approach to synthesize CoO-Co <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> NAs for reinforced photoelectrocatalytic water oxidation. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 941-950.   | 2.5 | 4         |
| 177 | Plasma for Energy and Catalytic Nanomaterials. <i>Nanomaterials</i> , 2020, 10, 333.   | 4.1 | 4         |
| 178 | Na <sub>2</sub> La <sub>2</sub> B <sub>10</sub> O <sub>19</sub> : a new lanthanum sodium borate with infinite 2D layer 2âˆ‘[B <sub>10</sub> O <sub>19</sub> ] <sup>8âˆ‘</sup> and moderate birefringence. <i>New Journal of Chemistry</i> , 2021, 45, 13592-13598. | 2.8 | 4         |
| 179 | A new acentric borateâ€‘nitrate Cs <sub>3</sub> B <sub>8</sub> O <sub>13</sub> (NO <sub>3</sub> ) with interpenetrating porous 3D covalent and ionic lattices. <i>Dalton Transactions</i> , 2021, 50, 8676-8679.   | 3.3 | 4         |
| 180 | Preparation of highly dispersed supported Ni-Based catalysts and their catalytic performance in low temperature for CO methanation. <i>Carbon Resources Conversion</i> , 2020, 3, 164-172.   | 5.9 | 4         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Facile Synthesis of Metal-Organic Framework ZIF-67 via a Multi-Inlet Vortex Mixer Using Various Solvents: MeOH, EtOH, H <sub>2</sub> O, and Baijiu. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 7952-7961.                              | 3.7 | 4         |
| 182 | Nitrogen self-doped porous carbon nanosheets derived from azo dye floes for efficient supercapacitor electrodes. <i>Carbon Letters</i> , 2019, 29, 455-460.  | 5.9 | 3         |
| 183 | K <sub>2.64</sub> Cs <sub>0.36</sub> SiF <sub>7</sub> : a new fluorosilicate with a <i>trans</i> -perovskite structure. <i>New Journal of Chemistry</i> , 2020, 44, 2727-2732.   | 2.8 | 3         |
| 184 | Combustion Products of Calcium Carbide Reused by Cu-Based Catalysts for Acetylene Carbonylation. <i>ACS Omega</i> , 2020, 5, 27692-27701.  | 3.5 | 3         |
| 185 | The Effect of Mass Transfer Rate-Time in Bubbles on Removal of Azoxystrobin in Water by Micro-Sized Jet Array Discharge. <i>Catalysts</i> , 2021, 11, 1169.  | 3.5 | 3         |
| 186 | Light-Excited Ag-Doped TiO <sub>2</sub> ~CoFe <sub>2</sub> O <sub>4</sub> Heterojunction Applied to Toluene Gas Detection. <i>Nanomaterials</i> , 2021, 11, 3261.  | 4.1 | 3         |
| 187 | Photo-Assisted CO/CO <sub>2</sub> Methanation over Ni/TiO <sub>2</sub> Catalyst: Experiment and Density Functional Theory Calculation. <i>ChemCatChem</i> , 2022, 14, .  | 3.7 | 3         |
| 188 | Synthesis and Performance of Cathode Material Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C <sub>1.3</sub> by Spray Drying and Carbothermal Method (SDATM). <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2009, 24, 349-352. | 1.3 | 2         |
| 189 | Robust photo-assisted removal of NO at room temperature: Experimental and density functional theory calculation with optical carrier. <i>Green Energy and Environment</i> , 2023, 8, 1102-1116.  | 8.7 | 2         |
| 190 | Enhanced carbon dioxide capture performance of natural mineral vermiculite-derived lithium silicate with Na doping. , 2022, 12, 263-272.   |     | 2         |
| 191 | CuCeO <sub>x</sub> /VMT powder and monolithic catalyst for CO-selective catalytic reduction of NO with CO. <i>New Journal of Chemistry</i> , 2022, 46, 10422-10432.  | 2.8 | 2         |
| 192 | Confined Jet Impingement Continuous Microchannel Reactor Synthesis of Ultrahigh-Quality Mesoporous Silica Nanospheres for CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 9300-9310.                               | 3.7 | 2         |
| 193 | Ni-Al mixed metal oxide with rich oxygen vacancies: CO methanation performance and density functional theory study. <i>Chinese Journal of Chemical Engineering</i> , 2022, 46, 73-83.  | 3.5 | 1         |
| 194 | Ba <sub>3</sub> O <sub>9</sub> OH: A new alkaline-earth metal hydroxy iodates with two groups. <i>New Journal of Chemistry</i> , 0, , .  | 2.8 | 1         |
| 195 | Up-scaled synthesis of flower-like SiO <sub>2</sub> microspheres via continuous flash nanoprecipitation and their application as a catalyst support. <i>Energy Reports</i> , 2020, 6, 2724-2734.   | 5.1 | 0         |