# Weiping Ding

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 133 papers | 3,785 citations | 33 h-index | 54 g-index |
| 140 ext. papers | 4,530 ext. citations | 8.3 avg, IF | 5.36 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 133 | N,O-C Nanocage-mediated high-efficient hydrogen evolution reaction on IrNi@N,O-C electrocatalyst. *Applied Catalysis B: Environmental*, **2022**, 304, 120996 | 21.8 | 4 |
| 132 | Subtle modulation on electronic properties of platinum by Cu-Nx containing carbon support for highly efficient electrocatalytic hydrogen evolution. *Applied Surface Science*, **2022**, 591, 153057 | 6.7 | 2 |
| 131 | Ternary heterostructural CoO/CN/Ni catalyst for promoted CO2 electroreduction to methanol. *Journal of Catalysis*, **2021**, 393, 83-91 | 7.3 | 4 |
| 130 | High-temperature treatment to engineer the single-atom Pt coordination environment towards highly efficient hydrogen evolution. *Journal of Energy Chemistry*, **2021**, 59, 212-219 | 12 | 14 |
| 129 | Nitrogen reduction through confined electro-catalysis with carbon nanotube inserted metal□rganic frameworks. *Journal of Materials Chemistry A*, **2021**, 9, 1480-1486 | 13 | 7 |
| 128 | Selective CO2 conversion tuned by periodicities in Au8n+4(TBBT)4n+8 nanoclusters. *Nano Research*, **2021**, 14, 807-813 | 10 | 2 |
| 127 | Origin of the Activity of Co□□ Catalysts for Chemoselective Hydrogenation of Nitroarenes. *ACS Catalysis*, **2021**, 11, 3026-3039 | 13.1 | 32 |
| 126 | Copper and Nickel Selectively Deposited on Hybrid Ceria-Alumina Nanoparticles as Catalysts for CO Oxidation. *ACS Applied Nano Materials*, **2021**, 4, 7614-7620 | 5.6 | 0 |
| 125 | Construction of heterostructured CoP/CN/Ni: Electron redistribution towards effective hydrogen generation and oxygen reduction. *Chemical Engineering Journal*, **2021**, 415, 129031 | 14.7 | 13 |
| 124 | A surface regulation strategy to fabricate Cu-Nx sites of high homogeneity with countable activity towards oxygen reduction. *Applied Surface Science*, **2021**, 560, 150054 | 6.7 | 4 |
| 123 | Enzyme-like mechanism of selective toluene oxidation to benzaldehyde over organophosphoric acid-bonded nano-oxides. *Chinese Journal of Catalysis*, **2021**, 42, 1509-1518 | 11.3 | 2 |
| 122 | Enhanced catalytic activity and stability of bismuth nanosheets decorated by 3-aminopropyltriethoxysilane for efficient electrochemical reduction of CO2. *Applied Catalysis B: Environmental*, **2021**, 298, 120602 | 21.8 | 7 |
| 121 | Surrounded catalysts prepared by ion-exchange inverse loading. *Science Advances*, **2020**, 6, eaay7031 | 14.3 | 7 |
| 120 | Interactions of Oxide Surfaces with Water Revealed with Solid-State NMR Spectroscopy. *Journal of the American Chemical Society*, **2020**, 142, 11173-11182 | 16.4 | 12 |
| 119 | Encapsulation of Fe nanoparticles into an N-doped carbon nanotube/nanosheet integrated hierarchical architecture as an efficient and ultrastable electrocatalyst for the oxygen reduction reaction. *Nanoscale*, **2020**, 12, 13987-13995 | 7.7 | 16 |
| 118 | De novo design of Au(SR) nanoclusters. *Nature Communications*, **2020**, 11, 3349 | 17.4 | 21 |
| 117 | Iron Nanoparticles Encapsulated in S,N-Codoped Carbon: Sulfur Doping Enriches Surface Electron Density and Enhances Electrocatalytic Activity toward Oxygen Reduction. *ACS Applied Materials & Interfaces*, **2020**, 12, 12686-12695 | 9.5 | 23 |

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| 116 | Structural Relaxation Enabled by Internal Vacancy Available in a 24-Atom Gold Cluster Reinforces Catalytic Reactivity. *Journal of the American Chemical Society*, **2020**, 142, 4141-4153 | 16.4 | 29 |
| 115 | Exclusively catalytic oxidation of toluene to benzaldehyde in an O/W emulsion stabilized by hexadecylphosphate acid terminated mixed-oxide nanoparticles. *Chinese Journal of Catalysis*, **2020**, 41, 341-349 | 11.3 | 13 |
| 114 | Controllable Conversion of CO on Non-Metallic Gold Clusters. *Angewandte Chemie - International Edition*, **2020**, 59, 1919-1924 | 16.4 | 28 |
| 113 | Morphology-Reserved Synthesis of Discrete Nanosheets of CuO@SAPO-34 and Pore Mouth Catalysis for One-Pot Oxidation of Cyclohexane. *Angewandte Chemie*, **2020**, 132, 2628-2633 | 3.6 | 5 |
| 112 | Morphology-Reserved Synthesis of Discrete Nanosheets of CuO@SAPO-34 and Pore Mouth Catalysis for One-Pot Oxidation of Cyclohexane. *Angewandte Chemie - International Edition*, **2020**, 59, 2606-2611 | 16.4 | 15 |
| 111 | Adjacent acid sites cooperatively catalyze fructose to 5-hydroxymethylfurfural in a new, facile pathway. *Journal of Energy Chemistry*, **2020**, 47, 112-117 | 12 | 13 |
| 110 | Controllable Conversion of CO2 on Non-Metallic Gold Clusters. *Angewandte Chemie*, **2020**, 132, 1935-1940 | 3.6 | 2 |
| 109 | Reactivity and Lability Modulated by a Valence Electron Moving in and out of 25-Atom Gold Nanoclusters. *Angewandte Chemie*, **2020**, 132, 21321-21328 | 3.6 | 2 |
| 108 | Iron oxide encapsulated in nitrogen-rich carbon enabling high-performance lithium-ion capacitor. *Science China Materials*, **2020**, 63, 2289-2302 | 7.1 | 6 |
| 107 | Reactivity and Lability Modulated by a Valence Electron Moving in and out of 25-Atom Gold Nanoclusters. *Angewandte Chemie - International Edition*, **2020**, 59, 21135-21142 | 16.4 | 14 |
| 106 | CO2 Hydrogenation to Ethanol over Cu@Na-Beta. *CheM*, **2020**, 6, 2673-2689 | 16.2 | 46 |
| 105 | Crystal-Facet Modulated CrO/□AlO: Quasi-Liquid Surface Modification by Bonded Polydimethylsiloxane for Catalytic Oxidation of Propene. *Langmuir*, **2020**, 36, 10404-10411 | 4 | 0 |
| 104 | The promoted catalytic hydrogenation performance of bimetallic Ni-Co-B noncrystalline alloy nanotubes.. *RSC Advances*, **2019**, 9, 26456-26463 | 3.7 | 3 |
| 103 | 17O Solid-State NMR Studies of ZrO2 Nanoparticles. *Journal of Physical Chemistry C*, **2019**, 123, 4158-4167 | 3.8 | 14 |
| 102 | Ternary Heterostructural Pt/CN/Ni as a Supercatalyst for Oxygen Reduction. *IScience*, **2019**, 11, 388-397 | 6.1 | 22 |
| 101 | Predictable Catalysis of Electron-Rich Palladium Catalyst toward Aldehydes Hydrogenation. *ChemCatChem*, **2019**, 11, 3770-3775 | 5.2 | 1 |
| 100 | Reversible Switching of Catalytic Activity by Shuttling an Atom into and out of Gold Nanoclusters. *Angewandte Chemie*, **2019**, 131, 10069-10073 | 3.6 | 14 |
| 99 | Reversible Switching of Catalytic Activity by Shuttling an Atom into and out of Gold Nanoclusters. *Angewandte Chemie - International Edition*, **2019**, 58, 9964-9968 | 16.4 | 40 |

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| 98 | The Evolution in Catalytic Activity Driven by Periodic Transformation in the Inner Sites of Gold Clusters. *Advanced Functional Materials*, **2019**, 29, 1904242 | 15.6 | 21 |
| 97 | Effect of Residual Chlorine on the Catalytic Performance of Co3O4 for CO Oxidation. *ACS Catalysis*, **2019**, 9, 11676-11684 | 13.1 | 18 |
| 96 | Polar surface structure of oxide nanocrystals revealed with solid-state NMR spectroscopy. *Nature Communications*, **2019**, 10, 5420 | 17.4 | 26 |
| 95 | Facile growth of homogeneous Ni(OH)2 coating on carbon nanosheets for high-performance asymmetric supercapacitor applications. *Nano Research*, **2018**, 11, 216-224 | 10 | 111 |
| 94 | Surface Sulfurization of NiCo-Layered Double Hydroxide Nanosheets Enable Superior and Durable Oxygen Evolution Electrocatalysis. *ACS Applied Energy Materials*, **2018**, 1, 4040-4049 | 6.1 | 45 |
| 93 | Central Doping of a Foreign Atom into the Silver Cluster for Catalytic Conversion of CO2 toward C□□ Bond Formation. *Angewandte Chemie*, **2018**, 130, 9923-9927 | 3.6 | 26 |
| 92 | Enhanced stability of Pd/Al2O3 during aqueous oxidation reaction via SiH4 treatment. *Journal of Materials Science*, **2018**, 53, 15795-15803 | 4.3 | 3 |
| 91 | Carbon nitride with encapsulated nickel for semi-hydrogenation of acetylene: pyridinic nitrogen is responsible for hydrogen dissociative adsorption. *Science China Chemistry*, **2018**, 61, 1014-1019 | 7.9 | 5 |
| 90 | Crystal-Facet Effect of □Al2O3 on Supporting CrOx for Catalytic Semihydrogenation of Acetylene. *ACS Catalysis*, **2018**, 8, 6419-6425 | 13.1 | 23 |
| 89 | Central Doping of a Foreign Atom into the Silver Cluster for Catalytic Conversion of CO toward C-C Bond Formation. *Angewandte Chemie - International Edition*, **2018**, 57, 9775-9779 | 16.4 | 109 |
| 88 | The effect of electrostatic field on the catalytic properties of platinum clusters confined in zeolite for hydrogenation. *Catalysis Science and Technology*, **2018**, 8, 6384-6395 | 5.5 | 9 |
| 87 | Suppressing the active site-blocking impact of ligands of Ni(SR) clusters with the assistance of NH on catalytic hydrogenation of nitriles. *Nanoscale*, **2018**, 10, 19375-19382 | 7.7 | 5 |
| 86 | Intercalation of alkylamines in layered MoO3 and in situ carbonization for a high-performance asymmetric supercapacitor. *Sustainable Energy and Fuels*, **2018**, 2, 2788-2798 | 5.8 | 12 |
| 85 | Molybdenum carbide promotion on Fe-N-doped carbon nanolayers facilely prepared for enhanced oxygen reduction. *Nanoscale*, **2018**, 10, 21944-21950 | 7.7 | 9 |
| 84 | Sandwich-Like Holey Graphene/PANI/Graphene Nanohybrid for Ultrahigh-Rate Supercapacitor. *ACS Applied Energy Materials*, **2018**, | 6.1 | 8 |
| 83 | Reduction-oxidation pretreatment enhanced catalytic performance of Co3O4/Al2O3 over CO oxidation. *Applied Surface Science*, **2018**, 453, 330-335 | 6.7 | 15 |
| 82 | Crown ether induced assembly to □Al2O3 nanosheets with rich pentacoordinate Al3+ sites and high ethanol dehydration activity. *Applied Surface Science*, **2018**, 457, 626-632 | 6.7 | 13 |
| 81 | Platinum nanoparticles encapsulated in HZSM-5 crystals as an efficient catalyst for green production of p-aminophenol. *Catalysis Communications*, **2017**, 97, 98-101 | 3.2 | 16 |

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| 80 | Fabrication of highly dispersed/active ultrafine Pd nanoparticle supported catalysts: a facile solvent-free in situ dispersion/reduction method. *Green Chemistry*, **2017**, 19, 2646-2652 | 10 | 16 |
| 79 | Nanotubular Gamma Alumina with High-Energy External Surfaces: Synthesis and High Performance for Catalysis. *ACS Catalysis*, **2017**, 7, 4083-4092 | 13.1 | 27 |
| 78 | Cooperativity of adjacent Brønsted acid sites in MFI zeolite channel leads to enhanced polarization and cracking of alkanes. *Journal of Catalysis*, **2017**, 349, 163-174 | 7.3 | 65 |
| 77 | Mixed Molybdenum Oxides with Superior Performances as an Advanced Anode Material for Lithium-Ion Batteries. *Scientific Reports*, **2017**, 7, 44697 | 4.9 | 37 |
| 76 | Two dimensional oxygen-vacancy-rich CoO nanosheets with excellent supercapacitor performances. *Chemical Communications*, **2017**, 53, 12410-12413 | 5.8 | 128 |
| 75 | Distinguishing faceted oxide nanocrystals with O solid-state NMR spectroscopy. *Nature Communications*, **2017**, 8, 581 | 17.4 | 38 |
| 74 | Nitrogen-Doped Carbon Activated in Situ by Embedded Nickel through the Mott-Schottky Effect for the Oxygen Reduction Reaction. *ChemPhysChem*, **2017**, 18, 3454-3461 | 3.2 | 33 |
| 73 | Study of the electrooxidation of borohydride on a directly formed CoB/Ni-foam electrode and its application in membraneless direct borohydride fuel cells. *Journal of Materials Chemistry A*, **2017**, 5, 15879-15890 | 13 | 38 |
| 72 | Surface titanium oxide loaded on a special alumina as high-performance catalyst for reduction of cinnamaldehyde by isopropanol. *Chinese Journal of Catalysis*, **2017**, 38, 1330-1337 | 11.3 | 2 |
| 71 | 3D charged grid induces a high performance catalyst: ruthenium clusters enclosed in X-zeolite for hydrogenation of phenol to cyclohexanone. *Catalysis Science and Technology*, **2017**, 7, 5953-5963 | 5.5 | 17 |
| 70 | Catalytic performance of iron oxide loaded on electron-rich surfaces of carbon nitride. *Journal of Energy Chemistry*, **2016**, 25, 1021-1026 | 12 | 5 |
| 69 | Ultrathin anatase nanosheets with high energy facets exposed and related photocatalytic performances. *RSC Advances*, **2016**, 6, 62675-62679 | 3.7 | 2 |
| 68 | Solvent-free synthesis of crystalline mesoporous Fe2O3 as an anode material in lithium-ion batteries. *RSC Advances*, **2016**, 6, 57009-57012 | 3.7 | 10 |
| 67 | Identification of different tin species in SnO2 nanosheets with 119Sn solid-state NMR spectroscopy. *Chemical Physics Letters*, **2016**, 643, 126-130 | 2.5 | 15 |
| 66 | S-doped mesoporous nanocomposite of HTiNbO5 nanosheets and TiO2 nanoparticles with enhanced visible light photocatalytic activity. *Physical Chemistry Chemical Physics*, **2016**, 18, 801-10 | 3.6 | 35 |
| 65 | Catalytic hydroxylation enables phenol to efficient assembly of ordered mesoporous carbon under highly acidic conditions. *Microporous and Mesoporous Materials*, **2016**, 223, 114-120 | 5.3 | 16 |
| 64 | Simple Synthesis of TiO2/MnOx Composite with Enhanced Performances as Anode Materials for Li-Ion Battery. *Electrochimica Acta*, **2016**, 211, 832-841 | 6.7 | 18 |
| 63 | Ni-Silicides nanoparticles as substitute for noble metals for hydrogenation of nitrobenzene to p-Aminophenol in sulfuric acid. *Applied Catalysis A: General*, **2016**, 520, 151-156 | 5.1 | 15 |

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| 62 | A novel approach for sulfur-doped hierarchically porous carbon with excellent capacitance for electrochemical energy storage. *Chemical Communications*, **2016**, 52, 12725-12728 | 5.8 | 37 |
| 61 | An efficient hydrogenation catalyst in sulfuric acid for the conversion of nitrobenzene to p-aminophenol: N-doped carbon with encapsulated molybdenum carbide. *Chemical Communications* , **2016**, 52, 10672-5 | 5.8 | 17 |
| 60 | Organic-free synthesis of ultrathin gold nanowires as effective SERS substrates. *Chemical Communications*, **2015**, 51, 11841-3 | 5.8 | 14 |
| 59 | W-modified CoB supported on Ag-activated TiO2 for hydrogen generation from alkaline NaBH4 solution. *International Journal of Hydrogen Energy*, **2015**, 40, 6346-6357 | 6.7 | 24 |
| 58 | Nickel embedded in N-doped porous carbon for the hydrogenation of nitrobenzene to p-aminophenol in sulphuric acid. *Chemical Communications*, **2015**, 51, 17712-5 | 5.8 | 31 |
| 57 | Platinum Nanoparticles Encapsulated in MFI Zeolite Crystals by a Two-Step Dry Gel Conversion Method as a Highly Selective Hydrogenation Catalyst. *ACS Catalysis*, **2015**, 5, 6893-6901 | 13.1 | 109 |
| 56 | A sintering-resistant Pd/SiO2 catalyst by reverse-loading nano iron oxide for aerobic oxidation of benzyl alcohol. *RSC Advances*, **2015**, 5, 4766-4769 | 3.7 | 15 |
| 55 | High selectivity top-chloroaniline in the hydrogenation ofp-chloronitrobenzene on Ni modified carbon nitride catalyst. *Chinese Journal of Catalysis*, **2015**, 36, 2030-2035 | 11.3 | 10 |
| 54 | Thickness-dependent SERS activities of gold nanosheets controllably synthesized via photochemical reduction in lamellar liquid crystals. *Chemical Communications*, **2015**, 51, 5116-9 | 5.8 | 24 |
| 53 | Dehydration and Dehydroxylation of Layered Double Hydroxides: New Insights from Solid-State NMR and FT-IR Studies of Deuterated Samples. *Journal of Physical Chemistry C*, **2015**, 119, 12325-12334 | 3.8 | 27 |
| 52 | Identification of different oxygen species in oxide nanostructures with (17)O solid-state NMR spectroscopy. *Science Advances*, **2015**, 1, e1400133 | 14.3 | 53 |
| 51 | Tri-component noncrystalline NiCuB nanotubes with enhanced stability and catalytic performance for hydrogenation of p-chlorinitrobenzene. *Catalysis Communications*, **2015**, 64, 66-69 | 3.2 | 9 |
| 50 | High performance catalytic distillation using CNTs-based holistic catalyst for production of high quality biodiesel. *Scientific Reports*, **2014**, 4, 4021 | 4.9 | 17 |
| 49 | Direct conversion of corn cob to formic and acetic acids over nano oxide catalysts. *Journal of Energy Chemistry*, **2014**, 23, 43-49 | 12 | 16 |
| 48 | Partially nitrided molybdenum trioxide with promoted performance as an anode material for lithium-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 699-704 | 13 | 76 |
| 47 | Organoamine-assisted biomimetic synthesis of faceted hexagonal hydroxyapatite nanotubes with prominent stimulation activity for osteoblast proliferation. *Journal of Materials Chemistry B*, **2014**, 2, 1760-1763 | 7.3 | 32 |
| 46 | Expeditious fabrication of flower-like hierarchical mesoporous carbon superstructures as supercapacitor electrode materials. *Journal of Materials Chemistry A*, **2014**, 2, 16884-16891 | 13 | 55 |
| 45 | Probing Local Structure of Layered Double Hydroxides with (1)H Solid-State NMR Spectroscopy on Deuterated Samples. *Journal of Physical Chemistry Letters*, **2014**, 5, 363-9 | 6.4 | 12 |

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| 44 | Hexadecylphosphate-Functionalized Iron Oxide Nanoparticles: Mild Oxidation of Benzyl C H Bonds Exclusive to Carbonyls by Molecular Oxygen. *ACS Catalysis*, **2014**, 4, 2746-2752 | 13.1 | 16 |
| 43 | Remarkable acceleration of the fructose dehydration over the adjacent Br sted acid sites contained in an MFI-type zeolite channel. *Journal of Catalysis*, **2014**, 319, 150-154 | 7.3 | 15 |
| 42 | Efficient self-metathesis of 1-butene on molybdenum oxide supported on silica modified one-dimensional Al 2 O 3. *Journal of Molecular Catalysis A*, **2014**, 394, 1-9 | | 13 |
| 41 | Acid-Resistant Catalysis without Use of Noble Metals: Carbon Nitride with Underlying Nickel. *ACS Catalysis*, **2014**, 4, 2536-2543 | 13.1 | 114 |
| 40 | In situ hydrothermal deposition as an efficient catalyst supporting method towards low-temperature graphitization of amorphous carbon. *Carbon*, **2014**, 77, 215-225 | 10.4 | 68 |
| 39 | Highly active gold catalysts loaded on NiAl-oxide derived from layered double hydroxide for aerobic alcohol oxidation. *Applied Catalysis A: General*, **2014**, 482, 294-299 | 5.1 | 16 |
| 38 | Investigating Local Structure in Layered Double Hydroxides with 17O NMR Spectroscopy. *Advanced Functional Materials*, **2014**, 24, 1696-1702 | 15.6 | 28 |
| 37 | Supramolecular Materials: Investigating Local Structure in Layered Double Hydroxides with 17O NMR Spectroscopy (Adv. Funct. Mater. 12/2014). *Advanced Functional Materials*, **2014**, 24, 1695-1695 | 15.6 | |
| 36 | Sulfur and iron co-doped titanoniobate nanosheets: a novel efficient solid acid catalyst for alcoholysis of styrene epoxide at room temperature. *Chemical Communications*, **2013**, 49, 7507-9 | 5.8 | 20 |
| 35 | Half-encapsulated Au nanoparticles by nano iron oxide: promoted performance of the aerobic oxidation of 1-phenylethanol. *Nanoscale*, **2013**, 5, 9546-52 | 7.7 | 12 |
| 34 | High performance mesoporous zirconium phosphate for dehydration of xylose to furfural in aqueous-phase. *RSC Advances*, **2013**, 3, 23228 | 3.7 | 36 |
| 33 | Synergism between the Lewis and Br sted acid sites on HZSM-5 zeolites in the conversion of methylcyclohexane. *Chinese Journal of Catalysis*, **2013**, 34, 2153-2159 | 11.3 | 17 |
| 32 | Sandwich-like LiFePO4/graphene hybrid nanosheets: in situ catalytic graphitization and their high-rate performance for lithium ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 11534 | 13 | 74 |
| 31 | Optimizing activity of tungsten oxides for 1-butene metathesis by depositing silica on alumina support. *Chemical Engineering Research and Design*, **2013**, 91, 573-580 | 5.5 | 41 |
| 30 | The Key Points of Highly Stable Catalysts for Methane Reforming with Carbon Dioxide. *ChemCatChem*, **2013**, 5, 3904-3909 | 5.2 | 14 |
| 29 | Catalytic outgrowth of SnO2 nanorods from ZnO SnO2 nanoparticles microsphere core: combustion synthesis and gas-sensing properties. *CrystEngComm*, **2012**, 14, 7355 | 3.3 | 8 |
| 28 | The effects of carbonaceous species in HZSM-5 on methanol-to-olefin process. *Applied Catalysis A: General*, **2012**, 421-422, 108-113 | 5.1 | 9 |
| 27 | Inorganic nanotubes formation through the synergic evolution of dynamic templates and metallophosphates: from vesicles to nanotubes. *Chemical Communications*, **2011**, 47, 10061-3 | 5.8 | 12 |

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|---|---|---|---|
| 26 | Simple synthesis of highly ordered mesoporous carbon by self-assembly of phenol–formaldehyde and block copolymers under designed aqueous basic/acidic conditions. *Carbon*, **2011**, 49, 2459-2464 | 10.4 | 39 |
| 25 | Exclusively selective oxidation of toluene to benzaldehyde on ceria nanocubes by molecular oxygen. *Chemical Communications*, **2010**, 46, 5909-11 | 5.8 | 91 |
| 24 | An overview of recent development in composite catalysts from porous materials for various reactions and processes. *International Journal of Molecular Sciences*, **2010**, 11, 2152-87 | 6.3 | 68 |
| 23 | Noncrystalline NiPB nanotubes for hydrogenation of p-chloronitrobenzene. *Chemical Communications*, **2010**, 46, 2268-70 | 5.8 | 27 |
| 22 | Catalytic Ammonia Synthesis over Mo Nitride/ZSM-5. *ChemCatChem*, **2010**, 2, 167-174 | 5.2 | 12 |
| 21 | A density functional study of pentacoordinated phosphorus species in ZSM-5 zeolite. *Computational and Theoretical Chemistry*, **2010**, 948, 99-101 | | 3 |
| 20 | 1-Butene cracking to propene over P/HZSM-5: Effect of lanthanum. *Journal of Molecular Catalysis A*, **2010**, 327, 12-19 | | 42 |
| 19 | Ferric oxide and ZnFe2O4 nanotubes derived from nano ZnO/FeOx core/shell structures. *Materials Letters*, **2009**, 63, 2233-2235 | 3.3 | 8 |
| 18 | Direct Electrochemistry of Hemoglobin Immobilized on Colloidal Gold-Hydroxyapatite Nanocomposite for Electrocatalytic Detection of Hydrogen Peroxide. *Electroanalysis*, **2009**, 21, 190-195 | 3 | 13 |
| 17 | Synergistic effects of tungsten and phosphorus on catalytic cracking of butene to propene over HZSM-5. *Applied Catalysis A: General*, **2009**, 352, 87-94 | 5.1 | 43 |
| 16 | Biomimetic synthesis of aluminophosphate nanorolls induced by mixed organoamines. *Chemical Communications*, **2009**, 3443-5 | 5.8 | 7 |
| 15 | In situ synthesis of horizontally aligned metal-boron alloy nanotubes on a silicon substrate with liquid crystal template. *Nanotechnology*, **2008**, 19, 405602 | 3.4 | 6 |
| 14 | Understanding the enhancement of catalytic performance for olefin cracking: Hydrothermally stable acids in P/HZSM-5. *Journal of Catalysis*, **2007**, 248, 20-28 | 7.3 | 177 |
| 13 | Controllable synthesis of CuS nanotubes and nanobelts using lyotropic liquid crystal templates. *Journal of Materials Science*, **2007**, 42, 1042-1045 | 4.3 | 20 |
| 12 | Preparation and catalytic property of a non-crystalline alloy of iron–boron with one-dimensional nanostructures. *Nanotechnology*, **2007**, 18, 195601 | 3.4 | 10 |
| 11 | Noncrystalline metal-boron nanotubes: synthesis, characterization, and catalytic-hydrogenation properties. *Angewandte Chemie - International Edition*, **2006**, 45, 7211-4 | 16.4 | 41 |
| 10 | Noncrystalline Metal–Boron Nanotubes: Synthesis, Characterization, and Catalytic-Hydrogenation Properties. *Angewandte Chemie*, **2006**, 118, 7369-7372 | 3.6 | 5 |
| 9 | Microsphere organization of nanorods directed by PEG linear polymer. *Langmuir*, **2006**, 22, 1383-7 | 4 | 99 |

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| 8 | One-step wet chemistry for preparation of magnetite nanorods. *Materials Letters*, **2005**, 59, 985-988 | 3.3 | 79 |
| 7 | Room temperature growth of SnSe nanorods from aqueous solution. *Journal of Materials Science*, **2004**, 39, 4643-4646 | 4.3 | 11 |
| 6 | The Effects of Silanation of External Acid Sites on the Structure and Catalytic Behavior of Mo/H□SM5. *Journal of Catalysis*, **2002**, 206, 14-22 | 7.3 | 159 |
| 5 | Synthesis, Structural Characterization, and Catalytic Properties of Tungsten-Exchanged H-ZSM5□ *Journal of Physical Chemistry B*, **2001**, 105, 3928-3936 | 3.4 | 48 |
| 4 | Synthesis of a novel mesoporous iron phosphate. *Chemical Communications*, **2001**, 709-710 | 5.8 | 45 |
| 3 | Methane Conversion to Aromatics on Mo/H-ZSM5:□Structure of Molybdenum Species in Working Catalysts. *Journal of Physical Chemistry B*, **2001**, 105, 506-513 | 3.4 | 199 |
| 2 | Very thin barium ferrite particles prepared by a novel technique: Ion exchange resin method. *Journal of Applied Physics*, **1999**, 85, 5552-5554 | 2.5 | 2 |
| 1 | Ultrahigh rate capability of 1D/2D polyaniline/titanium carbide (MXene) nanohybrid for advanced asymmetric supercapacitors. *Nano Research*,1 | 10 | 10 |