Weiping Ding

List of Publications by Citations

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	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
132	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
131	The Effects of Silanation of External Acid Sites on the Structure and Catalytic Behavior of Mo/HZSM5. *Journal of Catalysis*, **2002**, 206, 14-22	7.3	159
130	Two dimensional oxygen-vacancy-rich CoO nanosheets with excellent supercapacitor performances. *Chemical Communications*, **2017**, 53, 12410-12413	5.8	128
129	Acid-Resistant Catalysis without Use of Noble Metals: Carbon Nitride with Underlying Nickel. *ACS Catalysis*, **2014**, 4, 2536-2543	13.1	114
128	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
127	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
126	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
125	Microsphere organization of nanorods directed by PEG linear polymer. *Langmuir*, **2006**, 22, 1383-7	4	99
124	Exclusively selective oxidation of toluene to benzaldehyde on ceria nanocubes by molecular oxygen. *Chemical Communications*, **2010**, 46, 5909-11	5.8	91
123	One-step wet chemistry for preparation of magnetite nanorods. *Materials Letters*, **2005**, 59, 985-988	3.3	79
122	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
121	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
120	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
119	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
118	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
117	Expeditious fabrication of flower-like hierarchical mesoporous carbon superstructures as supercapacitor electrode materials. *Journal of Materials Chemistry A*, **2014**, 2, 16884-16891	13	55

116	Identification of different oxygen species in oxide nanostructures with (17)O solid-state NMR spectroscopy. *Science Advances*, **2015**, 1, e1400133	14.3	53
115	Synthesis, Structural Characterization, and Catalytic Properties of Tungsten-Exchanged H-ZSM5 *Journal of Physical Chemistry B*, **2001**, 105, 3928-3936	3.4	48
114	CO2 Hydrogenation to Ethanol over Cu@Na-Beta. *CheM*, **2020**, 6, 2673-2689	16.2	46
113	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
112	Synthesis of a novel mesoporous iron phosphate. *Chemical Communications*, **2001**, 709-710	5.8	45
111	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
110	1-Butene cracking to propene over P/HZSM-5: Effect of lanthanum. *Journal of Molecular Catalysis A*, **2010**, 327, 12-19		42
109	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
108	Noncrystalline metal-boron nanotubes: synthesis, characterization, and catalytic-hydrogenation properties. *Angewandte Chemie - International Edition*, **2006**, 45, 7211-4	16.4	41
107	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
106	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
105	Distinguishing faceted oxide nanocrystals with O solid-state NMR spectroscopy. *Nature Communications*, **2017**, 8, 581	17.4	38
104	Mixed Molybdenum Oxides with Superior Performances as an Advanced Anode Material for Lithium-Ion Batteries. *Scientific Reports*, **2017**, 7, 44697	4.9	37
103	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
102	High performance mesoporous zirconium phosphate for dehydration of xylose to furfural in aqueous-phase. *RSC Advances*, **2013**, 3, 23228	3.7	36
101	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
100	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
99	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

98	Origin of the Activity of CoNC Catalysts for Chemoselective Hydrogenation of Nitroarenes. *ACS Catalysis*, **2021**, 11, 3026-3039	13.1	32
97	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
96	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
95	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	29
94	Investigating Local Structure in Layered Double Hydroxides with 17O NMR Spectroscopy. *Advanced Functional Materials*, **2014**, 24, 1696-1702	15.6	28
93	Controllable Conversion of CO on Non-Metallic Gold Clusters. *Angewandte Chemie - International Edition*, **2020**, 59, 1919-1924	16.4	28
92	Nanotubular Gamma Alumina with High-Energy External Surfaces: Synthesis and High Performance for Catalysis. *ACS Catalysis*, **2017**, 7, 4083-4092	13.1	27
91	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
90	Noncrystalline NiPB nanotubes for hydrogenation of p-chloronitrobenzene. *Chemical Communications*, **2010**, 46, 2268-70	5.8	27
89	Central Doping of a Foreign Atom into the Silver Cluster for Catalytic Conversion of CO2 toward CC Bond Formation. *Angewandte Chemie*, **2018**, 130, 9923-9927	3.6	26
88	Polar surface structure of oxide nanocrystals revealed with solid-state NMR spectroscopy. *Nature Communications*, **2019**, 10, 5420	17.4	26
87	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
86	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
85	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
84	Crystal-Facet Effect of Al2O3 on Supporting CrOx for Catalytic Semihydrogenation of Acetylene. *ACS Catalysis*, **2018**, 8, 6419-6425	13.1	23
83	Ternary Heterostructural Pt/CN/Ni as a Supercatalyst for Oxygen Reduction. *IScience*, **2019**, 11, 388-397	6.1	22
82	De novo design of Au(SR) nanoclusters. *Nature Communications*, **2020**, 11, 3349	17.4	21
81	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

80	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
79	Controllable synthesis of CuS nanotubes and nanobelts using lyotropic liquid crystal templates. *Journal of Materials Science*, **2007**, 42, 1042-1045	4.3	20
78	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
77	Effect of Residual Chlorine on the Catalytic Performance of Co3O4 for CO Oxidation. *ACS Catalysis*, **2019**, 9, 11676-11684	13.1	18
76	High performance catalytic distillation using CNTs-based holistic catalyst for production of high quality biodiesel. *Scientific Reports*, **2014**, 4, 4021	4.9	17
75	Synergism between the Lewis and Brønsted acid sites on HZSM-5 zeolites in the conversion of methylcyclohexane. *Chinese Journal of Catalysis*, **2013**, 34, 2153-2159	11.3	17
74	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
73	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
72	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
71	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
70	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
69	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
68	Direct conversion of corn cob to formic and acetic acids over nano oxide catalysts. *Journal of Energy Chemistry*, **2014**, 23, 43-49	12	16
67	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
66	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
65	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
64	Identification of different tin species in SnO2 nanosheets with 119Sn solid-state NMR spectroscopy. *Chemical Physics Letters*, **2016**, 643, 126-130	2.5	15
63	Remarkable acceleration of the fructose dehydration over the adjacent Brønsted acid sites contained in an MFI-type zeolite channel. *Journal of Catalysis*, **2014**, 319, 150-154	7.3	15

62	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
61	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
60	Reduction-oxidation pretreatment enhanced catalytic performance of Co3O4/Al2O3 over CO oxidation. *Applied Surface Science*, **2018**, 453, 330-335	6.7	15
59	17O Solid-State NMR Studies of ZrO2 Nanoparticles. *Journal of Physical Chemistry C*, **2019**, 123, 4158-4167	3.7	14
58	Reversible Switching of Catalytic Activity by Shuttling an Atom into and out of Gold Nanoclusters. *Angewandte Chemie*, **2019**, 131, 10069-10073	3.6	14
57	Organic-free synthesis of ultrathin gold nanowires as effective SERS substrates. *Chemical Communications*, **2015**, 51, 11841-3	5.8	14
56	The Key Points of Highly Stable Catalysts for Methane Reforming with Carbon Dioxide. *ChemCatChem*, **2013**, 5, 3904-3909	5.2	14
55	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
54	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
53	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
52	Direct Electrochemistry of Hemoglobin Immobilized on Colloidal Gold-Hydroxyapatite Nanocomposite for Electrocatalytic Detection of Hydrogen Peroxide. *Electroanalysis*, **2009**, 21, 190-195	3	13
51	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
50	Adjacent acid sites cooperatively catalyze fructose to 5-hydroxymethylfurfural in a new, facile pathway. *Journal of Energy Chemistry*, **2020**, 47, 112-117	12	13
49	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
48	Construction of heterostructured CoP/CN/Ni: Electron redistribution towards effective hydrogen generation and oxygen reduction. *Chemical Engineering Journal*, **2021**, 415, 129031	14.7	13
47	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
46	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
45	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

44	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
43	Catalytic Ammonia Synthesis over Mo Nitride/ZSM-5. *ChemCatChem*, **2010**, 2, 167-174	5.2	12
42	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
41	Room temperature growth of SnSe nanorods from aqueous solution. *Journal of Materials Science*, **2004**, 39, 4643-4646	4.3	11
40	Solvent-free synthesis of crystalline mesoporous Fe2O3 as an anode material in lithium-ion batteries. *RSC Advances*, **2016**, 6, 57009-57012	3.7	10
39	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
38	Preparation and catalytic property of a non-crystalline alloy of ironBoron with one-dimensional nanostructures. *Nanotechnology*, **2007**, 18, 195601	3.4	10
37	Ultrahigh rate capability of 1D/2D polyaniline/titanium carbide (MXene) nanohybrid for advanced asymmetric supercapacitors. *Nano Research*,1	10	10
36	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
35	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
34	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
33	Molybdenum carbide promotion on Fe-N-doped carbon nanolayers facilely prepared for enhanced oxygen reduction. *Nanoscale*, **2018**, 10, 21944-21950	7.7	9
32	Catalytic outgrowth of SnO2 nanorods from ZnOSnO2 nanoparticles microsphere core: combustion synthesis and gas-sensing properties. *CrystEngComm*, **2012**, 14, 7355	3.3	8
31	Ferric oxide and ZnFe2O4 nanotubes derived from nano ZnO/FeOx core/shell structures. *Materials Letters*, **2009**, 63, 2233-2235	3.3	8
30	Sandwich-Like Holey Graphene/PANI/Graphene Nanohybrid for Ultrahigh-Rate Supercapacitor. *ACS Applied Energy Materials*, **2018**,	6.1	8
29	Surrounded catalysts prepared by ion-exchange inverse loading. *Science Advances*, **2020**, 6, eaay7031	14.3	7
28	Biomimetic synthesis of aluminophosphate nanorolls induced by mixed organoamines. *Chemical Communications*, **2009**, 3443-5	5.8	7
27	Nitrogen reduction through confined electro-catalysis with carbon nanotube inserted metalorganic frameworks. *Journal of Materials Chemistry A*, **2021**, 9, 1480-1486	13	7

26	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
25	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
24	Iron oxide encapsulated in nitrogen-rich carbon enabling high-performance lithium-ion capacitor. *Science China Materials*, **2020**, 63, 2289-2302	7.1	6
23	Catalytic performance of iron oxide loaded on electron-rich surfaces of carbon nitride. *Journal of Energy Chemistry*, **2016**, 25, 1021-1026	12	5
22	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
21	Noncrystalline Metal–Boron Nanotubes: Synthesis, Characterization, and Catalytic-Hydrogenation Properties. *Angewandte Chemie*, **2006**, 118, 7369-7372	3.6	5
20	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
19	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
18	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
17	Ternary heterostructural CoO/CN/Ni catalyst for promoted CO2 electroreduction to methanol. *Journal of Catalysis*, **2021**, 393, 83-91	7.3	4
16	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
15	The promoted catalytic hydrogenation performance of bimetallic Ni-Co-B noncrystalline alloy nanotubes.. *RSC Advances*, **2019**, 9, 26456-26463	3.7	3
14	Enhanced stability of Pd/Al2O3 during aqueous oxidation reaction via SiH4 treatment. *Journal of Materials Science*, **2018**, 53, 15795-15803	4.3	3
13	A density functional study of pentacoordinated phosphorus species in ZSM-5 zeolite. *Computational and Theoretical Chemistry*, **2010**, 948, 99-101		3
12	Ultrathin anatase nanosheets with high energy facets exposed and related photocatalytic performances. *RSC Advances*, **2016**, 6, 62675-62679	3.7	2
11	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
10	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
9	Controllable Conversion of CO2 on Non-Metallic Gold Clusters. *Angewandte Chemie*, **2020**, 132, 1935-1940	3.6	2

8	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
7	Selective CO2 conversion tuned by periodicities in Au8n+4(TBBT)4n+8 nanoclusters. *Nano Research*, **2021**, 14, 807-813	10	2
6	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
5	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
4	Predictable Catalysis of Electron-Rich Palladium Catalyst toward Aldehydes Hydrogenation. *ChemCatChem*, **2019**, 11, 3770-3775	5.2	1
3	Crystal-Facet Modulated CrO/□AlO: Quasi-Liquid Surface Modification by Bonded Polydimethylsiloxane for Catalytic Oxidation of Propene. *Langmuir*, **2020**, 36, 10404-10411	4	0
2	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
1	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	