

Zhengping Dong

List of Publications by Year in descending order

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87
papers

4,334
citations

101543

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63
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88
times ranked

4996
citing authors

#	ARTICLE	IF	CITATIONS
1	Ru clusters confined in Hydrogen-bonded organic frameworks for homogeneous catalytic hydrogenation of N-heterocyclic compounds with heterogeneous recyclability. <i>Journal of Catalysis</i> , 2022, 406, 19-27.	6.2	28
2	Facile preparation of ultrafine Pd nanoparticles anchored on covalent triazine frameworks catalysts for efficient N-alkylation. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1340-1351.	9.4	7
3	Construction of a sandwich-like UiO-66-NH ₂ @Pt@mSiO ₂ catalyst for one-pot cascade reductive amination of nitrobenzene with benzaldehyde. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1524-1533.	9.4	7
4	Selective oxidation of alcohols to high value-added carbonyl compounds using air over Co-Co ₃ O ₄ @NC catalysts. <i>Chemical Engineering Journal</i> , 2022, 434, 134545.	12.7	11
5	Multistep protection strategy for preparation of atomically dispersed Fe-N catalysts for selective oxidation of ethylbenzene to acetophenone. <i>Catalysis Science and Technology</i> , 2022, 12, 641-651.	4.1	12
6	Precisely controlled Pd nanoclusters confined in porous organic cages for size-dependent catalytic hydrogenation. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121487.	20.2	20
7	Ru nanoparticles anchored on porous N-doped carbon nanospheres for efficient catalytic hydrogenation of Levulinic acid to Î ³ -valerolactone under solvent-free conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 905-914.	9.4	15
8	Biomass chitosan-derived nitrogen-doped carbon modified with iron oxide for the catalytic ammoxidation of aromatic aldehydes to aromatic nitriles. <i>Molecular Catalysis</i> , 2021, 499, 111293.	2.0	9
9	Self-Template Construction of High-Performance Co, N-Decorated Carbon Nanotubes from a Novel Cobalt Dicyandiamide Molecule. <i>ChemCatChem</i> , 2021, 13, 2609-2617.	3.7	4
10	A Facile and In-situ Methanol-mediated Fabrication of Low Pd Loading, High-efficiency and Size-selectivity Pd@ZIF-8 Hydrogenation Catalyst. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2952-2957.	3.3	1
11	Atomically Dispersed Co Clusters Anchored on N-doped Carbon Nanotubes for Efficient Dehydrogenation of Alcohols and Subsequent Conversion to Carboxylic Acids. <i>ChemSusChem</i> , 2021, 14, 4536-4545.	6.8	11
12	Atomically dispersed Co-N ₄ sites anchored on N-doped carbon for aqueous phase transfer hydrogenation between nitroarenes and saturated N-heterocycles. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120681.	20.2	32
13	Graphitic-N highly doped graphene-like carbon: A superior metal-free catalyst for efficient reduction of CO ₂ . <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120510.	20.2	46
14	Nitrogen-doped carbon nanotubes by multistep pyrolysis process as a promising anode material for lithium ion hybrid capacitors. <i>Chinese Chemical Letters</i> , 2020, 31, 2239-2244.	9.0	7
15	N,S co-doped hierarchically porous carbon materials for efficient metal-free catalysis. <i>Green Chemistry</i> , 2020, 22, 742-752.	9.0	55
16	Fe-based N-doped dendritic catalysts for catalytic ammoxidation of aromatic aldehydes to aromatic nitriles. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 177-185.	9.4	17
17	Iron oxide modified N-doped porous carbon derived from porous organic polymers as a highly-efficient catalyst for reduction of nitroarenes. <i>Molecular Catalysis</i> , 2020, 498, 111249.	2.0	13
18	Catalytically Active Co ⁿ⁺ -N ^x Species Stabilized on Nitrogen-doped Porous Carbon for Efficient Hydrogenation and Dehydrogenation of N-heteroarenes. <i>ChemCatChem</i> , 2020, 12, 4406-4415.	3.7	10

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19	Ultrafine Pd Nanoparticles Modified on Azine-Linked Covalent Organic Polymers for Efficient Catalytic Suzuki–Miyaura Coupling Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 12677-12685.	3.7	17
20	Selective Transfer Hydrogenation and N-Formylation of Nitroarenes by a Facilely Prepared N, S Co-doped Carbon-Encapsulated Cobalt Nanoparticle Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5615-5623.	3.7	30
21	Palladium Nanoclusters Confined in MOF@COP as a Novel Nanoreactor for Catalytic Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7285-7294.	8.0	79
22	Continuous solvent-free synthesis of imines over γ - Al_2O_3 -CeO ₂ catalyst in a fixed bed reactor. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118958.	20.2	35
23	Biomass-derived phosphorus-doped carbon materials as efficient metal-free catalysts for selective aerobic oxidation of alcohols. <i>Green Chemistry</i> , 2019, 21, 5274-5283.	9.0	65
24	Palladium clusters confined in triazinyl-functionalized COFs with enhanced catalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117942.	20.2	76
25	Ultrafine palladium nanoparticles confined in core–shell magnetic porous organic polymer nanospheres as highly efficient hydrogenation catalyst. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 157-165.	9.4	34
26	Cobalt Nanoparticles Apically Encapsulated by Nitrogen-doped Carbon Nanotubes for Oxidative Dehydrogenation and Transfer Hydrogenation of N-Heterocycles. <i>ChemCatChem</i> , 2019, 11, 5475-5486.	3.7	25
27	Renewable chitosan-derived cobalt@N-doped porous carbon for efficient aerobic esterification of alcohols under air. <i>Nanoscale</i> , 2019, 11, 17736-17745.	5.6	26
28	Co-MOF-Derived Hierarchical Mesoporous Yolk-shell Structured Nanoreactor for the Catalytic Reduction of Nitroarenes with Hydrazine Hydrate. <i>ChemCatChem</i> , 2019, 11, 3327-3338.	3.7	28
29	Ultrafine Pd nanoparticles immobilized on N-doped hollow carbon nanospheres with superior catalytic performance for the selective oxidation of 5-hydroxymethylfurfural and hydrogenation of nitroarenes. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 588-597.	9.4	28
30	N-Doped Hierarchical Porous Carbon Embedded Synergistic Bimetallic CoCu NPs with Unparalleled Catalytic Performance. <i>ChemCatChem</i> , 2019, 11, 2415-2422.	3.7	13
31	Renewable Soybean Pulp-Derived N-Doped Carbon Materials for Efficient Chemoselective Hydrogenation of Halogenated Nitrobenzenes. <i>ChemistrySelect</i> , 2019, 4, 4083-4091.	1.5	6
32	Ru nanoclusters confined in porous organic cages for catalytic hydrolysis of ammonia borane and tandem hydrogenation reaction. <i>Nanoscale</i> , 2019, 11, 21513-21521.	5.6	53
33	Biowaste soybean curd residue-derived Pd/nitrogen-doped porous carbon with excellent catalytic performance for phenol hydrogenation. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 259-267.	9.4	41
34	CeO ₂ immobilized on magnetic core-shell microparticles for one-pot synthesis of imines from benzyl alcohols and anilines: Support effects for activity and stability. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 709-719.	9.4	21
35	Two-dimensional covalent organic frameworks as self-template derived nitrogen-doped carbon nanosheets for eco-friendly metal-free catalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 25-35.	20.2	149
36	Ultra-fine Pd nanoparticles confined in a porous organic polymer: A leaching-and-aggregation-resistant catalyst for the efficient reduction of nitroarenes by NaBH ₄ . <i>Journal of Colloid and Interface Science</i> , 2019, 538, 720-730.	9.4	41

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37	PdCo nanoparticles supported on carbon fibers derived from cotton: Maximum utilization of Pd atoms for efficient reduction of nitroarenes. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 84-92.	9.4	27
38	Ultrathin Fe_3O_4 nanosheets as a highly efficient catalyst for the chemoselective hydrogenation of nitroaromatic compounds. <i>Catalysis Communications</i> , 2018, 107, 57-61.	3.3	18
39	Immobilization of Pt nanoparticles in hollow mesoporous silica nanocapsules: An aggregation- and leaching-resistant catalyst. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 407-415.	9.4	26
40	Pd-doped Ni nanoparticle-modified N-doped carbon nanocatalyst with high Pd atom utilization for the transfer hydrogenation of nitroarenes. <i>Green Chemistry</i> , 2018, 20, 1121-1130.	9.0	92
41	Hollow mesoporous silica nanotubes modified with palladium nanoparticles for environmental catalytic applications. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 132-140.	9.4	34
42	Ru coated Co nanoparticles decorated on cotton derived carbon fibers as a highly efficient and magnetically recyclable catalyst for hydrogen generation from ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 1355-1364.	7.1	31
43	Ultrafine and highly dispersed platinum nanoparticles confined in a triazinyl-containing porous organic polymer for catalytic applications. <i>Nanoscale</i> , 2018, 10, 21466-21474.	5.6	62
44	Biomass Sucrose-derived Cobalt@Nitrogen-doped Carbon for Catalytic Transfer Hydrogenation of Nitroarenes with Formic Acid. <i>ChemSusChem</i> , 2018, 11, 4156-4165.	6.8	92
45	Two-dimensional covalent-organic-framework-derived nitrogen-rich carbon nanosheets modified with small Pd nanoparticles for the hydrodechlorination of chlorophenols and hydrogenation of phenol. <i>Applied Catalysis A: General</i> , 2018, 568, 130-138.	4.3	31
46	Highly dispersed ultrafine palladium nanoparticles encapsulated in a triazinyl functionalized porous organic polymer as a highly efficient catalyst for transfer hydrogenation of aldehydes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18242-18251.	10.3	81
47	Aminal-based Hypercrosslinked Polymer Modified with Small Palladium Nanoparticles for Efficiently Catalytic Reduction of Nitroarenes. <i>ChemCatChem</i> , 2018, 10, 4569-4577.	3.7	18
48	Efficient chemoselective hydrogenation of halogenated nitrobenzenes over an easily prepared Fe_2O_3 -modified mesoporous carbon catalyst. <i>Green Chemistry</i> , 2017, 19, 1548-1554.	9.0	57
49	Palladium nanoparticles supported on $\text{SiO}_2/\text{Fe}_3\text{O}_4/\text{m-MnO}_2$ mesoporous microspheres as a highly efficient and recyclable catalyst for hydrodechlorination of 2,4-dichlorophenol and reduction of nitroaromatic compounds and organic dyes. <i>Molecular Catalysis</i> , 2017, 433, 202-211.	2.0	36
50	Novel yolk-shell-structured $\text{Fe}_3\text{O}_4/\text{AlOOH}$ nanocomposite modified with Pd nanoparticles as a recyclable catalyst with excellent catalytic activity. <i>Applied Surface Science</i> , 2017, 416, 103-111.	6.1	34
51	Cobalt nanoparticles supported on N-doped mesoporous carbon as a highly efficient catalyst for the synthesis of aromatic amines. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 231-240.	9.4	83
52	Ultrafine platinum nanoparticles modified on cotton derived carbon fibers as a highly efficient catalyst for hydrogen evolution from ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 29244-29253.	7.1	31
53	Pt coated Co nanoparticles supported on N-doped mesoporous carbon as highly efficient, magnetically recyclable and reusable catalyst for hydrogen generation from ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27055-27065.	7.1	42
54	Facile preparation of fluffy N-doped carbon modified with Ag nanoparticles as a highly active and reusable catalyst for catalytic reduction of nitroarenes. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 524-531.	9.4	42

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55	Facile fabrication of Fe_2O_3 -nanoparticle modified N-doped porous carbon materials for the efficient hydrogenation of nitroaromatic compounds. <i>New Journal of Chemistry</i> , 2017, 41, 10165-10173.	2.8	21
56	Nickel and cobalt nanoparticles modified hollow mesoporous carbon microsphere catalysts for efficient catalytic reduction of widely used dyes. <i>RSC Advances</i> , 2016, 6, 99114-99119.	3.6	13
57	Efficient and chemoselective hydrogenation of nitroarenes by Fe_2O_3 modified hollow mesoporous carbon microspheres. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1332-1340.	6.0	15
58	Highly efficient and recyclable Ni MOF-derived N-doped magnetic mesoporous carbon-supported palladium catalysts for the hydrodechlorination of chlorophenols. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 386-392.	4.8	90
59	Palladium nanoparticles dispersed on the hollow aluminosilicate microsphere@hierarchical AlOOH as an excellent catalyst for the hydrogenation of nitroarenes under ambient conditions. <i>Applied Surface Science</i> , 2016, 390, 100-106.	6.1	34
60	A MOF-derived nickel based N-doped mesoporous carbon catalyst with high catalytic activity for the reduction of nitroarenes. <i>RSC Advances</i> , 2016, 6, 11749-11753.	3.6	37
61	Aqueous-phase hydrodechlorination and further hydrogenation of chlorophenols to cyclohexanone in water over palladium nanoparticles modified dendritic mesoporous silica nanospheres catalyst. <i>RSC Advances</i> , 2015, 5, 20716-20723.	3.6	21
62	Palladium modified magnetic mesoporous carbon derived from metal-organic frameworks as a highly efficient and recyclable catalyst for hydrogenation of nitroarenes. <i>RSC Advances</i> , 2015, 5, 20987-20991.	3.6	15
63	Hydrodechlorination and further hydrogenation of 4-chlorophenol to cyclohexanone in water over Pd nanoparticles modified N-doped mesoporous carbon microspheres. <i>Chemical Engineering Journal</i> , 2015, 270, 215-222.	12.7	64
64	Gold nanoparticle modified magnetic fibrous silica microspheres as a highly efficient and recyclable catalyst for the reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2015, 39, 8623-8629.	2.8	37
65	Ni@Pd core-shell nanoparticles modified fibrous silica nanospheres as highly efficient and recoverable catalyst for reduction of 4-nitrophenol and hydrodechlorination of 4-chlorophenol. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 372-380.	20.2	375
66	Fibrous nano-silica supported palladium nanoparticles: An efficient catalyst for the reduction of 4-nitrophenol and hydrodechlorination of 4-chlorophenol under mild conditions. <i>Catalysis Communications</i> , 2015, 59, 21-25.	3.3	98
67	Enhancing catalytic performance of Au catalysts by noncovalent functionalized graphene using functional ionic liquids. <i>Journal of Hazardous Materials</i> , 2014, 270, 11-17.	12.4	74
68	Sequential recognition of zinc ion and hydrogen sulfide by a new quinoline derivative with logic gate behavior. <i>RSC Advances</i> , 2014, 4, 18270-18277.	3.6	47
69	Suzuki-Miyaura cross-coupling reactions catalyzed by efficient and recyclable $\text{Fe}_3\text{O}_4@/\text{SiO}_2@m\text{SiO}_2$ -Pd(II) catalyst. <i>Catalysis Communications</i> , 2014, 53, 47-52.	3.3	50
70	A rhodamine B-based turn-on fluorescent sensor for detecting Cu^{2+} and sulfur anions in aqueous media. <i>RSC Advances</i> , 2014, 4, 5718.	3.6	59
71	Palladium nanoparticles immobilized on core-shell magnetic fibers as a highly efficient and recyclable heterogeneous catalyst for the reduction of 4-nitrophenol and Suzuki coupling reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19696-19706.	10.3	146
72	Metal organic framework derived magnetic porous carbon composite supported gold and palladium nanoparticles as highly efficient and recyclable catalysts for reduction of 4-nitrophenol and hydrodechlorination of 4-chlorophenol. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18775-18785.	10.3	210

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73	Fibrous nano-silica containing immobilized Ni@Au core-shell nanoparticles: A highly active and reusable catalyst for the reduction of 4-nitrophenol and 2-nitroaniline. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 58-65.	4.8	98
74	Enhanced-electrocatalytic activity of Ni _{1-x} Fe _x alloy supported on polyethyleneimine functionalized MoS ₂ nanosheets for hydrazine oxidation. <i>RSC Advances</i> , 2014, 4, 1988-1995.	3.6	76
75	An "off-on" fluorescent probe for the sequential detection of Zn ²⁺ and hydrogen sulfide in aqueous solution. <i>New Journal of Chemistry</i> , 2014, 38, 1802-1808.	2.8	66
76	Silver nanoparticles immobilized on fibrous nano-silica as highly efficient and recyclable heterogeneous catalyst for reduction of 4-nitrophenol and 2-nitroaniline. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 129-135.	20.2	344
77	A highly selective fluorescent chemosensor for Hg ²⁺ based on rhodamine B and its application as a molecular logic gate. <i>Dyes and Pigments</i> , 2013, 97, 324-329.	3.7	73
78	Eu(III)-coupled graphene oxide as a luminescent material. <i>New Journal of Chemistry</i> , 2013, 37, 3861.	2.8	9
79	Synthesis of Ag nanoparticles decorated multiwalled carbon nanotubes using dialdehydestarch as complexant and reductant for antibacterial purposes. <i>RSC Advances</i> , 2013, 3, 918-922.	3.6	14
80	Highly selective oxidation of alcohols catalyzed by Cu(II)-Schiff base-SBA-15 with hydrogen peroxide in water. <i>Journal of Porous Materials</i> , 2013, 20, 277-284.	2.6	24
81	Quinoline group based fluorescent sensor for detecting zinc ions in aqueous media and its logic gate behaviour. <i>Journal of Luminescence</i> , 2013, 134, 635-639.	3.1	49
82	Dansyl derivative functionalized Fe ₃ O ₄ @SiO ₂ fluorescent probe for detection and removal of Hg ²⁺ in aqueous solution. <i>RSC Advances</i> , 2013, 3, 1082-1088.	3.6	40
83	Rhodamine group modified SBA-15 fluorescent sensor for highly selective detection of Hg ²⁺ and its application as an INHIBIT logic device. <i>RSC Advances</i> , 2013, 3, 2227-2233.	3.6	80
84	The role of reducing agent in perylene tetracarboxylic acid coating on graphene sheets enhances Pd nanoparticles-electrocatalytic ethanol oxidation. <i>Catalysis Science and Technology</i> , 2013, 3, 2303.	4.1	25
85	A highly active hydrazine fuel cell catalyst consisting of a Ni-Fe nanoparticle alloy plated on carbon materials by pulse reversal. <i>RSC Advances</i> , 2012, 2, 5038.	3.6	45
86	In situ growth of Ni-Fe alloy on graphene-like MoS ₂ for catalysis of hydrazine oxidation. <i>Journal of Materials Chemistry</i> , 2012, 22, 13925.	6.7	57
87	Quinoline Group Modified Carbon Nanotubes for the Detection of Zinc Ions. <i>Nanoscale Research Letters</i> , 2009, 4, 335-340.	5.7	19