

Ying Wei

List of Publications by Year in descending order

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44
papers

1,578
citations

331670

21
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

1635
citing authors

#	ARTICLE	IF	CITATIONS
1	N/Ce doped graphene supported Pt nanoparticles for the catalytic oxidation of formaldehyde at room temperature. <i>Journal of Environmental Sciences</i> , 2023, 125, 135-147.	6.1	6
2	Significant promotion of reducing treatment on Pd/TS-1 zeolite for formaldehyde catalytic purification at ambient temperature. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 120843.	20.2	26
3	Facet control of manganese oxides with diverse redox abilities and acidities for catalytically removing hazardous 1,2-dichloroethane. <i>Materials Advances</i> , 2022, 3, 1101-1114.	5.4	1
4	ZSM-5 core-shell structured catalyst for enhancing low-temperature NH ₃ -SCR efficiency and poisoning resistance. <i>Applied Catalysis A: General</i> , 2022, 630, 118438.	4.3	19
5	Solvent-free Thermal Synthesis of Extra-large-pore Aluminophosphate Zeotype via Self-assembly of Double-four-ring Unit. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
6	Role of the exposure facets upon diverse morphologies of cobalt spinels on catalytic deN ₂ O process. <i>Catalysis Today</i> , 2021, 376, 177-187.	4.4	8
7	Ce-promoted Mn/ZSM-5 catalysts for highly efficient decomposition of ozone. <i>Journal of Environmental Sciences</i> , 2021, 103, 219-228.	6.1	26
8	Highly Efficient NO Abatement over Cu-ZSM-5 with Special Nanosheet Features. <i>Environmental Science & Technology</i> , 2021, 55, 5422-5434.	10.0	42
9	Ionothermal synthesis, physicochemical characterization and catalytic performance of extra-large-pore silicoaluminophosphate zeotype with -CLO structure. <i>Journal of Porous Materials</i> , 2021, 28, 1585-1594.	2.6	4
10	Morphology effect of diverse ceria with active tungsten species on NH ₃ -SCR behaviors. <i>Catalysis Today</i> , 2020, 339, 241-253.	4.4	25
11	Effective catalytic abatement of indoor formaldehyde at room temperature over TS-1 supported platinum with relatively low content. <i>Catalysis Today</i> , 2020, 355, 547-554.	4.4	20
12	Facile Synthesis of Hierarchical Nanosized Single-crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors. <i>Angewandte Chemie</i> , 2020, 132, 3483-3487.	2.0	2
13	Facile Synthesis of Hierarchical Nanosized Single-crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3455-3459.	13.8	36
14	Synergies of Mn oxidative ability and ZSM-5 acidity for 1, 2-dichloroethane catalytic elimination. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 118922.	20.2	60
15	Strategy on Effective Synthesis of SSZ-13 Zeolite Aiming at Outstanding Performances for NH ₃ -SCR Process. <i>Catalysis Surveys From Asia</i> , 2020, 24, 143-155.	2.6	13
16	Encapsulating uniform Pd nanoparticles in TS-1 zeolite as efficient catalyst for catalytic abatement of indoor formaldehyde at room temperature. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119311.	20.2	48
17	Pt Nanoparticles Supported on N/Ce-Doped Activated Carbon for the Catalytic Oxidation of Formaldehyde at Room Temperature. <i>ACS Applied Nano Materials</i> , 2020, 3, 2614-2624.	5.0	45
18	Innenr��cktitelbild: Facile Synthesis of Hierarchical Nanosized Single-crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors (<i>Angew. Chem.</i> 9/2020). <i>Angewandte Chemie</i> , 2020, 132, 3775-3775.	2.0	0

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19	Core-shell structure effect on CeO ₂ and TiO ₂ supported WO ₃ for the NH ₃ -SCR process. <i>Molecular Catalysis</i> , 2020, 485, 110822.	2.0	17
20	Facile ionothermal synthesis of SAPO-LTA zeotypes with high structural stability and their catalytic performance in MTO reaction. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109611.	4.4	20
21	Highly active OMS-2 for catalytic ozone decomposition under humid conditions. <i>Petroleum Science</i> , 2019, 16, 912-919.	4.9	21
22	Synergistic effect of niobium and ceria on anatase for low-temperature NH ₃ -SCR of NO process. <i>Molecular Catalysis</i> , 2019, 478, 110563.	2.0	11
23	Efficiency of Phosphotungstic Acid Modified Mn-Based Catalysts to Promote Activity and N ₂ Formation for Selective Catalytic Reduction of NO with Ammonia. <i>International Journal of Chemical Reactor Engineering</i> , 2019, 17, .	1.1	1
24	Ionothermal Synthesis of Germanosilicate Zeolites Constructed with Double Four Ring Structure Building Units in the Presence of Organic Base. <i>Chemistry - an Asian Journal</i> , 2019, 14, 621-626.	3.3	10
25	Morphology-Oriented ZrO ₂ -Supported Vanadium Oxide for the NH ₃ -SCR Process: Importance of Structural and Textural Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22240-22254.	8.0	35
26	Co-Structure Directing Effect in Ionothermal Synthesis of Extra-Large-Pore Aluminophosphate Zeotype with γ -CLO Topology. <i>Chemistry - A European Journal</i> , 2018, 24, 2410-2417.	3.3	14
27	Tetraalkylammonium hydroxide-assisted ionothermal synthesis and characterization of LTA-type aluminophosphate zeotypes with high structural stability after detemplation and hydration. <i>New Journal of Chemistry</i> , 2018, 42, 15453-15459.	2.8	6
28	Isomorphous substitution induced ionothermal synthesis of magnesium aluminophosphate zeolites in fluoride-free media. <i>RSC Advances</i> , 2016, 6, 61915-61919.	3.6	1
29	Tailoring and visualizing the pore architecture of hierarchical zeolites. <i>Chemical Society Reviews</i> , 2015, 44, 7234-7261.	38.1	336
30	Enhanced catalytic performance of zeolite ZSM-5 for conversion of methanol to dimethyl ether by combining alkaline treatment and partial activation. <i>Applied Catalysis A: General</i> , 2015, 504, 211-219.	4.3	45
31	Liquid-phase exfoliation of graphite for mass production of pristine few-layer graphene. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 311-321.	7.4	101
32	Mn ²⁺ -cation-directed ionothermal synthesis of an open-framework fluorinated aluminium phosphite-phosphate. <i>RSC Advances</i> , 2014, 4, 29310.	3.6	4
33	Co-templating ionothermal synthesis and structure characterization of two new 2D layered aluminophosphates. <i>Dalton Transactions</i> , 2012, 41, 12408.	3.3	24
34	Ionothermal synthesis of AlPO ₄ molecular sieves in the presence of quaternary ammonium cation. <i>Materials Letters</i> , 2010, 64, 2118-2121.	2.6	23
35	Ionothermal synthesis of AlPO ₄ -34 molecular sieves using heterocyclic aromatic amine as the structure directing agent. <i>Materials Letters</i> , 2010, 64, 2384-2387.	2.6	23
36	Ionothermal Synthesis of an Aluminophosphate Molecular Sieve with 20 Å Ring Pore Openings. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5367-5370.	13.8	107

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37	Inside Cover: Ionothermal Synthesis of an Aluminophosphate Molecular Sieve with 20-Ring Pore Openings (Angew. Chem. Int. Ed. 31/2010). Angewandte Chemie - International Edition, 2010, 49, 5200-5200.	13.8	2
38	Ionothermal synthesis and crystal structure of a new layered nickel(II) diphosphate, DRM-1. Inorganic Chemistry Communication, 2010, 13, 1357-1360.	3.9	7
39	Mixed template effect adjusted by amine concentration in ionothermal synthesis of molecular sieves. Dalton Transactions, 2010, 39, 1441-1443.	3.3	31
40	The Cooperative Templating Effect of Organic Amine in the Ionothermal Synthesis of LTA Type Aluminophosphate Molecular Sieves. Chinese Journal of Catalysis, 2010, 31, 1083-1089.	14.0	4
41	Ionothermal synthesis of gallophosphate molecular sieves in 1-alkyl-3-methyl imidazolium bromide ionic liquids. Microporous and Mesoporous Materials, 2009, 120, 278-284.	4.4	33
42	Effect of Water on the Ionothermal Synthesis of Molecular Sieves. Journal of the American Chemical Society, 2008, 130, 8120-8121.	13.7	111
43	Ionothermal synthesis of aluminophosphate molecular sieves. Studies in Surface Science and Catalysis, 2007, 170, 228-232.	1.5	4
44	Structure-Directing Role of Amines in the Ionothermal Synthesis. Journal of the American Chemical Society, 2006, 128, 7432-7433.	13.7	124