Mei Zhang

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123 papers	1,774 citations	22 h-index	35 g-index
131 ext. papers	2,236 ext. citations	4.7 avg, IF	5.16 L-index

#	Paper	IF	Citations
123	Hydrothermal preparation and optical properties of orientation-controlled WO3 nanorod arrays on ITO substrates. *CrystEngComm*, **2013**, 15, 277-284	3.3	87
122	Preparation and properties of a nano TiO2/Fe3O4 composite superparamagnetic photocatalyst. *Rare Metals*, **2009**, 28, 423-427	5.5	73
121	Hydrothermal synthesis and structure evolution of metal-doped magnesium ferrite from saprolite laterite. *RSC Advances*, **2015**, 5, 92778-92787	3.7	69
120	Viscosities Behavior of CaO-SiO2-MgO-Al2O3 Slag With Low Mass Ratio of CaO to SiO2 and Wide Range of A12O3 Content. *Journal of Iron and Steel Research International*, **2011**, 18, 1-6	1.2	59
119	Hydrothermal preparation and photoelectrochemical performance of size-controlled SnO2 nanorod arrays. *CrystEngComm*, **2010**, 12, 4024	3.3	58
118	Effect of P2O5 and FetO on the Viscosity and Slag Structure in Steelmaking Slags. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2015**, 46, 758-765	2.5	55
117	The Influence of SiO2 on the Extraction of Ti Element from Ti-bearing Blast Furnace Slag. *Steel Research International*, **2011**, 82, 607-614	1.6	49
116	Extraction of molybdenum and vanadium from the spent diesel exhaust catalyst by ammonia leaching method. *Journal of Hazardous Materials*, **2015**, 286, 402-9	12.8	47
115	Effect of Al2O3 on the Viscosity and Structure of CaO-SiO2-MgO-Al2O3-FetO Slags. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2015**, 46, 537-541	2.5	45
114	Feasible conversion of solid waste bauxite tailings into highly crystalline 4A zeolite with valuable application. *Waste Management*, **2014**, 34, 2365-72	8.6	41
113	Hydrothermal preparation of WO3 nanorod array and ZnO nanosheet array composite structures on FTO substrates with enhanced photocatalytic properties. *Journal of Materials Chemistry C*, **2015**, 3, 7612-7620	7.1	35
112	Bifunctional aligned hexagonal/amorphous tungsten oxide core/shell nanorod arrays with enhanced electrochromic and pseudocapacitive performance. *Journal of Materials Chemistry A*, **2019**, 7, 16867-16875	13	35
111	Hydrothermal growth of well-aligned TiO2 nanorod arrays: Dependence of morphology upon hydrothermal reaction conditions. *Rare Metals*, **2010**, 29, 286-291	5.5	35
110	Effects of morphology, size and crystallinity on the electrochromic properties of nanostructured WO3 films. *CrystEngComm*, **2015**, 17, 5440-5450	3.3	33
109	Synthesis, structure and magnetic properties of spinel ferrite (Ni, Cu, Co)Fe2O4 from low nickel matte. *Ceramics International*, **2017**, 43, 16474-16481	5.1	32
108	Effect of substrate pre-treatment on controllable synthesis of hexagonal WO3 nanorod arrays and their electrochromic properties. *CrystEngComm*, **2013**, 15, 5828	3.3	32
107	Hydrothermal Synthesis and Characterization of KxNa(1−x)NbO3 Powders. *International Journal of Applied Ceramic Technology*, **2007**, 4, 571-577	2	32

106	Synthesis, structure and magnetic properties of Zn substituted NiCoMnMg ferrites. *Materials Letters*, **2015**, 141, 122-124	3.3	25
105	Enrichment Mechanism of Phosphate in CaO-SiO2-FeO-Fe2O3-P2O5 Steelmaking Slags. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2014**, 45, 1666-1682	2.5	25
104	Utilization of mineral wool waste and waste glass for synthesis of foam glass at low temperature. *Construction and Building Materials*, **2019**, 215, 623-632	6.7	24
103	Investigation on Viscosity and Nonisothermal Crystallization Behavior of P-Bearing Steelmaking Slags with Varying TiO2 Content. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2017**, 48, 527-537	2.5	24
102	Facile synthesis of metal-doped magnesium ferrite from saprolite laterite as an effective heterogeneous Fenton-like catalyst. *Journal of Molecular Liquids*, **2018**, 272, 43-52	6	24
101	Synthesis of an alumina enriched Al2O3-SiO2 aerogel: Reinforcement and ambient pressure drying. *Journal of Non-Crystalline Solids*, **2017**, 471, 160-168	3.9	22
100	Hydrothermal synthesis of mixtures of NaA zeolite and sodalite from Ti-bearing electric arc furnace slag. *RSC Advances*, **2016**, 6, 8358-8366	3.7	22
99	Low-temperature-controlled synthesis and growth mechanism of AlN whiskers. *Materials Research Innovations*, **2015**, 19, S2-108-S2-112	1.9	22
98	Effects of preparing conditions on controllable one-step electrodeposition of ZnO nanotube arrays. *Electrochimica Acta*, **2014**, 132, 370-376	6.7	21
97	Crystallization kinetics of glass-ceramics prepared from high-carbon ferrochromium slag. *Ceramics International*, **2016**, 42, 19329-19335	5.1	20
96	Titanium mesh supported TiO2 nanowire arrays/Nb-doped TiO2 nanoparticles for fully flexible dye-sensitized solar cells with improved photovoltaic properties. *Journal of Materials Chemistry C*, **2016**, 4, 11118-11128	7.1	20
95	Preparation and visible-light photocatalytic property of nanostructured Fe-doped TiO2 from titanium containing electric furnace molten slag. *International Journal of Minerals, Metallurgy and Materials*, **2013**, 20, 1012-1020	3.1	20
94	Selective Crystallization Behavior of CaO-SiO2-Al2O3-MgO-FetO-P2O5 Steelmaking Slags Modified through P2O5 and Al2O3. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2015**, 46, 2246-2254	2.5	19
93	Facile and large-scale fabrication of (Mg,Ni)(Fe,Al)O heterogeneous photo-Fenton-like catalyst from saprolite laterite ore for effective removal of organic contaminants. *Journal of Hazardous Materials*, **2020**, 392, 122295	12.8	19
92	Effect of PbI2 solution on air-preparation of perovskite solar cells for enhanced performance. *Applied Surface Science*, **2018**, 458, 172-182	6.7	18
91	Multiple copper adsorption and regeneration by zeolite 4A synthesized from bauxite tailings. *Environmental Science and Pollution Research*, **2017**, 24, 21829-21835	5.1	18
90	Preparation of monolithic silica-based aerogels with high thermal stability by ambient pressure drying. *Ceramics International*, **2018**, 44, 11923-11931	5.1	17
89	Efficient and selective recovery of Ni, Cu, and Co from low-nickel matte via a hydrometallurgical process. *International Journal of Minerals, Metallurgy and Materials*, **2017**, 24, 249-256	3.1	16

88	A simple hydrothermal synthesis of zeolite X from bauxite tailings for highly efficient adsorbing CO2 at room temperature. *Microporous and Mesoporous Materials*, **2019**, 287, 77-84	5.3	16
87	A novel hydrothermal method for zinc extraction and separation from zinc ferrite and electric arc furnace dust. *International Journal of Minerals, Metallurgy and Materials*, **2016**, 23, 146-155	3.1	16
86	Low-Temperature Preparation of KxNa(1−x)NbO3 Lead-Free Piezoelectric Powders by Microwave-Hydrothermal Synthesis. *International Journal of Applied Ceramic Technology*, **2011**, 8, 591-596	2	16
85	Synthesis of oriented core/shell hexagonal tungsten oxide/amorphous titanium dioxide nanorod arrays and its electrochromic-pseudocapacitive properties. *Applied Surface Science*, **2020**, 515, 146034	6.7	15
84	Influence of acid type and concentration on the synthesis of nanostructured titanium dioxide photocatalysts from titanium-bearing electric arc furnace molten slag. *RSC Advances*, **2015**, 5, 13478-13487	3.7	14
83	Direct fabrication and characterization of metal doped magnesium ferrites from treated laterite ores by the solid state reaction method. *Ceramics International*, **2015**, 41, 8155-8162	5.1	14
82	Low-Temperature Highly Efficient and Selective Removal of HS over Three-Dimensional Zn-Cu-Based Materials in an Anaerobic Environment. *Environmental Science & Technology*, **2020**, 54, 5964-5972	10.3	14
81	Synthesis and characterization of glass-ceramics prepared from high-carbon ferrochromium slag. *RSC Advances*, **2016**, 6, 52715-52723	3.7	14
80	Extraction and separation of nickel and cobalt from saprolite laterite ore by microwave-assisted hydrothermal leaching and chemical deposition. *International Journal of Minerals, Metallurgy and Materials*, **2013**, 20, 612-619	3.1	14
79	Effect of substrate pre-treatment on microstructure and enhanced electrochromic properties of WO3 nanorod arrays. *RSC Advances*, **2015**, 5, 106182-106190	3.7	14
78	Research progress in lead-less or lead-free three-dimensional perovskite absorber materials for solar cells. *International Journal of Minerals, Metallurgy and Materials*, **2019**, 26, 387-403	3.1	13
77	Controllable preparation of CaF2 transparent glass ceramics: Dependence of the light transmittance mechanism on the glass crystallization behaviour. *Ceramics International*, **2019**, 45, 8510-8517	5.1	13
76	Hydrothermal synthesis of Ni-Co-Cu alloy nanoparticles from low nickel matte. *Journal of Alloys and Compounds*, **2018**, 766, 229-240	5.7	13
75	Structural Investigation of Phosphorus in CaO-SiO2-P2O5 Ternary Glass. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2017**, 48, 1139-1148	2.5	12
74	The effect of SrI2 substitution on perovskite film formation and its photovoltaic properties via two different deposition methods. *Inorganic Chemistry Frontiers*, **2018**, 5, 1354-1364	6.8	12
73	Effect of Ni substitution content on structure and magnetic properties of spinel ferrites synthesized from laterite leaching solutions. *Ceramics International*, **2015**, 41, 15283-15286	5.1	11
72	Recovery of metal-doped zinc ferrite from zinc-containing electric arc furnace dust: Process development and examination of elemental migration. *Hydrometallurgy*, **2016**, 166, 1-8	4	11
71	Thermal oxidation of SiAlON powders synthesized from coal gangue. *International Journal of Minerals, Metallurgy and Materials*, **2011**, 18, 77-82	3.1	11

70	An improved implementable process for the synthesis of zeolite 4A from bauxite tailings and its Cr3+ removal capacity. *International Journal of Minerals, Metallurgy and Materials*, **2016**, 23, 850-857	3.1	11
69	Selective and Efficient Extraction of Zinc from Mixed Sulfide-Oxide Zinc and Lead Ore. *Mineral Processing and Extractive Metallurgy Review*, **2016**, 37, 418-426	3.1	11
68	A novel heterostructure of oriented core/shell tungsten oxide nanorod arrays for electrochromo-pseudocapacitor. *Scripta Materialia*, **2020**, 174, 1-5	5.6	11
67	Hydrothermal temperature effect on microstructure evolution and Fenton-like catalytic performance of spinel ferrite (Mg,Ni)(Fe,Al)2O4 synthesized from saprolitic nickel laterite. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 568, 11-19	5.1	10
66	Zeolite X Adsorbent with High Stability Synthesized from Bauxite Tailings for Cyclic Adsorption of CO2. *Energy & Fuels*, **2019**, 33, 6641-6649	4.1	10
65	High-performance electrochromo-supercapacitors based on the synergetic effect between aqueous Al3+ and ordered hexagonal tungsten oxide nanorod arrays. *Journal of Materials Chemistry A*, **2020**, 8, 9927-9938	13	10
64	Efficient and selective hydrothermal extraction of zinc from zinc-containing electric arc furnace dust using a novel bifunctional agent. *Hydrometallurgy*, **2016**, 166, 107-112	4	10
63	Lead-less mesoscopic perovskite solar cells with enhanced photovoltaic performance by strontium chloride substitution. *Ceramics International*, **2018**, 44, 18863-18870	5.1	10
62	Self-assembled multifunctional bulk hollow microspheres: Thermal insulation, sound absorption and fire resistance. *Energy and Buildings*, **2019**, 205, 109533	7	10
61	The Model for Oxidation Kinetics of Titanium Nitride Coatings. *International Journal of Applied Ceramic Technology*, **2010**, 7, 248-255	2	10
60	Molten salt synthesis of mullite nanowhiskers using different silica sources. *International Journal of Minerals, Metallurgy and Materials*, **2015**, 22, 884-891	3.1	9
59	Utilization of Zn-containing electric arc furnace dust for multi-metal doped ferrite with enhanced magnetic property: From hazardous solid waste to green product. *Journal of Hazardous Materials*, **2017**, 339, 248-255	12.8	9
58	Facile synthesis of metal-doped Ni-Zn ferrite from treated Zn-containing electric arc furnace dust. *Ceramics International*, **2017**, 43, 1980-1987	5.1	9
57	Selective Phase Transformation Behavior of Titanium-bearing Electric Furnace Molten Slag during the Molten NaOH Treatment Process. *ISIJ International*, **2015**, 55, 134-141	1.7	9
56	Microwave Hydrothermal Synthesis and Piezoelectric Properties Investigation of K0.5Na0.5NbO3 Lead-Free Ceramics. *Ferroelectrics*, **2010**, 404, 69-75	0.6	9
55	Preparation of transparent Mn-doped CaF2 glass-ceramics from silicon-manganese slag: Dependence of colour-controllable change on slag addition and crystallization behavior. *Journal of the European Ceramic Society*, **2020**, 40, 3249-3261	6	8
54	Synthesis of TiO2 visible light catalysts with controllable crystalline phase and morphology from Ti-bearing electric arc furnace molten slag. *Journal of Environmental Sciences*, **2016**, 47, 14-22	6.4	8
53	Facile and Economical Preparation of SiAlON-Based Composites Using Coal Gangue: From Fundamental to Industrial Application. *Energies*, **2015**, 8, 7428-7440	3.1	8

52	Thermodynamic study and syntheses of β-SiAlON ceramics. *Science in China Series D: Earth Sciences*, **2009**, 52, 3122-3127		8
51	Viscous Flow and Crystallization Behaviors of P-bearing Steelmaking Slags with Varying Fluorine Content. *ISIJ International*, **2016**, 56, 546-553	1.7	8
50	Two-step modification towards enhancing the adsorption capacity of fly ash for both inorganic Cu(II) and organic methylene blue from aqueous solution. *Environmental Science and Pollution Research*, **2018**, 25, 36449-36461	5.1	8
49	Hydrothermal Preparation and Oxygen Storage Capacity of Nano CeO2-based Materials. *Chinese Journal of Chemical Physics*, **2007**, 20, 711-716	0.9	7
48	Synthesis of SiO2–Al2O3 composite aerogel from fly ash: a low-cost and facile approach. *Journal of Sol-Gel Science and Technology*, **2020**, 93, 281-290	2.3	7
47	Na2S Solution Remediation for Heavy Mercury Contaminated Soil. *Journal of Chemical Engineering of Japan*, **2017**, 50, 155-160	0.8	6
46	Inexpensive metal oxides nanoparticles doped Na2CO3 fibers for highly selective capturing trace HCl from HCl/CO2 mixture gas at low temperature. *Chemical Engineering Journal*, **2018**, 352, 634-643	14.7	6
45	Structure and Magnetic Properties of Co, Mn, Mg, and Al Codoped Nickel Ferrites Prepared from Laterite Leaching Solutions. *Chemistry Letters*, **2014**, 43, 1098-1100	1.7	6
44	Conductivity properties of β-SiAlON ceramics. *Science China Technological Sciences*, **2012**, 55, 2409-2415	3.5	6
43	Synthesis of (Ni,Mg,Cu)Fe2O4 from nickel sulfide ore: A novel heterogeneous photo-Fenton-like catalyst with enhanced activity in the presence of oxalic acid. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 390, 112308	4.7	6
42	Characterization of novel shape-stabilized phase change material mortar: Portland cement containing Na2SO4·10H2O and fly ash for energy-efficient building. *International Journal of Energy Research*, **2019**, 43, 5812-5823	4.5	5
41	Novel efficient heterogeneous visible light assisted Fenton-like catalyst (Ni,Mg,Cu)Fe2O4 from nickel sulfide concentrate. *Materials Letters*, **2019**, 253, 1-4	3.3	5
40	Hydration resistance and mechanism of regenerated MgO–CaO bricks. *Journal of the Ceramic Society of Japan*, **2015**, 123, 90-95	1	5
39	Template-free hydrothermal synthesis of single-crystalline SnO2 nanocauliflowers and their optical properties. *Rare Metals*, **2009**, 28, 449-453	5.5	5
38	High-efficiency perovskite solar cell based on TiO2 nanorod arrays under natural ambient conditions: Solvent effect. *Ceramics International*, **2019**, 45, 12353-12359	5.1	4
37	Controllable synthesis of nanorod/nanodisk TiO2 from titanium-containing electric furnace molten slag. *Rare Metals*, **2015**, 34, 267-275	5.5	4
36	Effect of Sr substitution on the air-stability of perovskite solar cells. *Ceramics International*, **2020**, 46, 14038-14047	5.1	4
35	Preparation and UV property of size-controlled monodisperse nickel nanoparticles (. *Rare Metals*, **2013**, 32, 179-185	5.5	4

34	A Novel Deep-Eutectic Solvent with Strong Coordination Ability and Low Viscosity for Efficient Extraction of Valuable Metals from Spent Lithium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*,	8.3	4
33	Low temperature and pressureless synthesis of MgAlON: qualitative analysis and formation evolution. *International Journal of Materials Research*, **2020**, 111, 537-545	0.5	4
32	Enhanced HCl removal from CO2-rich mixture gases by CuOx/Na2CO3 porous sorbent at low temperature: Kinetics and forecasting. *Chemical Engineering Journal*, **2020**, 381, 122738	14.7	4
31	Efficient Nanorod Array Perovskite Solar Cells: A Suitable Structure for High Strontium Substitution in Nature. *ACS Applied Materials & Interfaces*, **2020**, 12, 10515-10526	9.5	3
30	Controllable growth of Na2CO3 fibers for mesoporous activated alumina ball modification towards the high-efficiency adsorption of HCl gas at low temperature. *RSC Advances*, **2017**, 7, 53306-53315	3.7	3
29	Morphology evolution of lead-free ceramics: formation of Bi0.5Na0.5TiO3 superstructures on a Ti substrate. *CrystEngComm*, **2011**, 13, 1953-1958	3.3	3
28	Effects of pretreatment of substrates on the preparation of large scale ZnO nanotube arrays. *Rare Metals*, **2010**, 29, 21-25	5.5	3
27	A review of NiO-based electrochromic-energy storage bifunctional material and integrated device. *Journal of Energy Storage*, **2021**, 103597	7.8	3
26	Synthesis of chromium and ferrochromium alloy in molten salts by the electro-reduction method. *Journal of Mining and Metallurgy, Section B: Metallurgy*, **2015**, 51, 185-191	1	3
25	Metal-doped (Cu,Zn)Fe2O4 from integral utilization of toxic Zn-containing electric arc furnace dust: An environment-friendly heterogeneous Fenton-like catalyst. *International Journal of Minerals, Metallurgy and Materials*, **2020**, 27, 996-1006	3.1	3
24	Enhanced heterogeneous Fenton-like degradation of refractory organic contaminants over Cu doped (Mg,Ni)(Fe,Al)O synthesized from laterite nickel ore. *Journal of Environmental Management*, **2021**, 283, 111941	7.9	3
23	Complete stabilization of severely As-contaminated soil by a simple H2O2 pre-oxidation method combined with non-toxic TMT-15 and FeCl3·6H2O. *International Journal of Minerals, Metallurgy and Materials*, **2019**, 26, 1105-1112	3.1	2
22	Phosphate enrichment mechanism in CaO–SiO2–FeO–Fe2O3–P2O5 steelmaking slags with lower binary basicity. *International Journal of Minerals, Metallurgy and Materials*, **2016**, 23, 520-533	3.1	2
21	Efficient removal of K2O and Fe2O3 impurities from bauxite tailings through active calcination combined with acid leaching. *Canadian Metallurgical Quarterly*, **2017**, 56, 294-300	0.9	2
20	Preparation and characterization of regenerated MgO-CaO refractory bricks sintered under different atmospheres. *International Journal of Minerals, Metallurgy and Materials*, **2014**, 21, 1233-1240	3.1	2
19	Repairable electrochromic energy storage devices: A durable material with balanced performance based on titanium dioxide/tungsten trioxide nanorod array composite structure. *Chemical Engineering Journal*, **2022**, 430, 132821	14.7	2
18	Dynamic Desulfurization Process over Porous ZnO/Cu-Based Materials in a Packed Column: Adsorption Kinetics and Breakthrough Modeling. *Energy & Fuels*, **2020**, 34, 16552-16559	4.1	2
17	Magnetic Ni-Zn spinel ferrite nanopowder from toxic Zn-bearing electric arc furnace dust: A promising treatment process. *Minerals Engineering*, **2020**, 157, 106540	4.9	2

16	Highly Dispersed Potassium-Based Nanowire Structure for Selectively Capturing Trace Hydrogen Chloride in H2S/CO2 Environments. *Energy & Fuels*, **2020**, 34, 11712-11716	4.1	2
15	Facile synthesis of ordered Nb2O5 coated TiO2 nanorod arrays for efficient perovskite solar cells. *Applied Surface Science*, **2021**, 542, 148728	6.7	2
14	Preparation and characterization of SiO2@n-octadecane capsules with controllable size and structure. *Thermochimica Acta*, **2021**, 705, 179037	2.9	2
13	Selective reduce roasting□magnetic separation towards efficient and cleaning removal of iron values from bauxite residual. *Canadian Metallurgical Quarterly*, **2019**, 58, 410-418	0.9	1
12	Kinetic Study on Phosphate Enrichment Behavior in CaO□SiO2□FeO□Fe2O3□P2O5 Steelmaking Slags. *High Temperature Materials and Processes*, **2018**, 37, 477-486	0.9	1
11	An efficient and low-cost magnetic heterogenous Fenton-like catalyst for degrading antibiotics in wastewater: Mechanism, pathway and stability. *Journal of Environmental Management*, **2022**, 302, 114119	7.9	1
10	Na2S Leaching Assisting Thermal Desorption for Thoroughly and Mildly Remediating Severely Hg-Contaminated Soil. *Journal of Chemical Engineering of Japan*, **2019**, 52, 805-810	0.8	1
9	In-Suit Industrial Tests of the Highly Efficient Recovery of Waste Heat and Reutilization of the Hot Steel Slag. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 3955-3962	8.3	1
8	Generation of multi-valence Cu O by reduction with activated semi-coke and their collaboration in the selective reduction of NO with NH.. *RSC Advances*, **2022**, 12, 4672-4680	3.7	0
7	Leaching Performance of Glass□Ceramic Prepared from High-Carbon Ferrochromium Slag and Its Application in the Urban Constructions. *Transactions of the Indian Institute of Metals*,1	1.2	0
6	Efficient Inorganic/Organic Acid Leaching for the Remediation of Protogenetic Lead-Contaminated Soil. *Applied Sciences (Switzerland)*, **2022**, 12, 3995	2.6	0
5	High mercury leachate containing HgS complex ion: Detoxifying solidification and high efficiency Hg extraction. *Journal of Environmental Sciences*, **2018**, 73, 177-184	6.4	
4	Viscous and Crystallization Characteristics of CaO-SiO2-MgO-Al2O3-FetO-P2O5-(CaF2) Steelmaking Slags **2016**, 495-500		
3	Properties of regenerated MgO□CaO refractory bricks: Impurity of silicon dioxide. *Materials Research Innovations*, **2015**, 19, S2-119-S2-124	1.9	
2	Controllable preparation of anatase TiO2 nano arrays on Ti foil for flexible dye-sensitised solar cells. *Materials Research Innovations*, **2015**, 19, S2-10-S2-17	1.9	
1	Novel insight into composite packing of copper modified adsorbents for synergistically capturing H2S&HCl in low-temperature anaerobic environment. *Separation and Purification Technology*, **2021**, 275, 119222	8.3	