

# Zhe-Ling Zeng

## List of Publications by Year in descending order

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139  
papers

5,393  
citations

76196

40  
h-index

106150

65  
g-index

139  
all docs

139  
docs citations

139  
times ranked

5745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of CO <sub>2</sub> and CH <sub>4</sub> on a magnesium-based metal organic framework. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 549-556.	5.0	426
2	Microwave synthesis and characterization of MOF-74 (M=Ni, Mg) for gas separation. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 114-122.	2.2	218
3	Antibacterial activity and mechanism of action of $\beta$ -poly-L-lysine. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 148-153.	1.0	197
4	Ultra-high surface area and nitrogen-rich porous carbons prepared by a low-temperature activation method with superior gas selective adsorption and outstanding supercapacitance performance. <i>Chemical Engineering Journal</i> , 2019, 355, 309-319.	6.6	179
5	Simultaneous and efficient removal of Cr(VI) and methyl orange on LDHs decorated porous carbons. <i>Chemical Engineering Journal</i> , 2018, 352, 306-315.	6.6	167
6	Fine pore engineering in a series of isoreticular metal-organic frameworks for efficient C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> separation. <i>Nature Communications</i> , 2022, 13, 200.	5.8	157
7	Optimizing Pore Space for Flexible-Robust Metal-Organic Framework to Boost Trace Acetylene Removal. <i>Journal of the American Chemical Society</i> , 2020, 142, 9744-9751.	6.6	154
8	Controllable synthesis of bifunctional porous carbon for efficient gas-mixture separation and high-performance supercapacitor. <i>Chemical Engineering Journal</i> , 2018, 348, 57-66.	6.6	125
9	A new choice of polymer precursor for solvent-free method: Preparation of N-enriched porous carbons for highly selective CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2019, 355, 963-973.	6.6	119
10	The high-performance and mechanism of P-doped activated carbon as a catalyst for air-cathode microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21149-21158.	5.2	102
11	Novel Two-Dimensional Magnetic Titanium Carbide for Methylene Blue Removal over a Wide pH Range: Insight into Removal Performance and Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 24027-24036.	4.0	98
12	Enhanced Cr(VI) removal by polyethylenimine- and phosphorus-codoped hierarchical porous carbons. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 110-120.	5.0	94
13	Adsorption of carbon dioxide, methane and nitrogen on an ultramicroporous copper metal-organic framework. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 78-84.	5.0	84
14	Hydrogenative Ring-Rearrangement of Biobased Furanic Aldehydes to Cyclopentanone Compounds over Pd/Pyrochlore by Introducing Oxygen Vacancies. <i>ACS Catalysis</i> , 2020, 10, 7355-7366.	5.5	81
15	Adsorption Equilibria of CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> , O <sub>2</sub> , and Ar on High Silica Zeolites. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4017-4023.	1.0	73
16	Facile synthesis of hierarchical MoS <sub>2</sub> -carbon microspheres as a robust anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9653-9660.	5.2	73
17	Life cycle assessment of biodiesel production from algal bio-crude oils extracted under subcritical water conditions. <i>Bioresource Technology</i> , 2014, 170, 454-461.	4.8	70
18	Unprecedented performance of N-doped activated hydrothermal carbon towards C <sub>2</sub> H <sub>6</sub> /CH <sub>4</sub> , CO <sub>2</sub> /CH <sub>4</sub> , and CO <sub>2</sub> /H <sub>2</sub> separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2263-2276.	5.2	70

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19	A hierarchical glucose-intercalated NiMn-G-LDH@NiCo <sub>2</sub> S <sub>4</sub> core-shell structure as a binder-free electrode for flexible all-solid-state asymmetric supercapacitors. <i>Nanoscale</i> , 2020, 12, 1852-1863.	2.8	70
20	Nitrogen-rich microporous carbons for highly selective separation of light hydrocarbons. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13957-13966.	5.2	64
21	Highly Selective and Reversible Sulfur Dioxide Adsorption on a Microporous Metal-Organic Framework via Polar Sites. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10680-10688.	4.0	64
22	Facile and low-temperature strategy to prepare hollow ZIF-8/CNT polyhedrons as high-performance lithium-sulfur cathodes. <i>Chemical Engineering Journal</i> , 2021, 404, 126579.	6.6	63
23	Investigation on interaction between Ligupurpuroside A and pepsin by spectroscopic and docking methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 256-263.	2.0	58
24	Preparation of photonic-magnetic responsive molecularly imprinted microspheres and their application to fast and selective extraction of 17 $\beta$ -estradiol. <i>Journal of Chromatography A</i> , 2016, 1442, 1-11.	1.8	58
25	Scalable strategy to fabricate single Cu atoms coordinated carbons for efficient electroreduction of CO <sub>2</sub> to CO. <i>Carbon</i> , 2020, 168, 528-535.	5.4	57
26	Ultramicroporous carbons with extremely narrow pore size distribution via in-situ ionic activation for efficient gas-mixture separation. <i>Chemical Engineering Journal</i> , 2019, 375, 121931.	6.6	54
27	Synergistic binding sites in a hybrid ultramicroporous material for one-step ethylene purification from ternary C <sub>2</sub> hydrocarbon mixtures. <i>Science Advances</i> , 2022, 8, .	4.7	53
28	Adsorption Configuration-Determined Selective Hydrogenative Ring Opening and Ring Rearrangement of Furfural over Metal Phosphate. <i>ACS Catalysis</i> , 2021, 11, 6406-6415.	5.5	52
29	Functional molecules regulated and intercalated nickel-cobalt LDH nano-sheets on carbon fiber cloths as an advanced free-standing electrode for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2019, 321, 134708.	2.6	51
30	Double-metal cyanide-supported Pd catalysts for highly efficient hydrogenative ring-rearrangement of biomass-derived furanic aldehydes to cyclopentanone compounds. <i>Journal of Catalysis</i> , 2019, 378, 201-208.	3.1	51
31	Sulfonic acid functionalized hydrophobic mesoporous biochar: Design, preparation and acid-catalytic properties. <i>Fuel</i> , 2019, 240, 270-277.	3.4	51
32	Efficient SO <sub>2</sub> Removal Using a Microporous Metal-Organic Framework with Molecular Sieving Effect. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 874-882.	1.8	51
33	Algae-derived N-doped porous carbons with ultrahigh specific surface area for highly selective separation of light hydrocarbons. <i>Chemical Engineering Journal</i> , 2020, 381, 122731.	6.6	49
34	Boosting CO <sub>2</sub> -to-CO conversion on a robust single-atom copper decorated carbon catalyst by enhancing intermediate binding strength. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1705-1712.	5.2	49
35	Benzenesulfonic acid functionalized hydrophobic mesoporous biochar as an efficient catalyst for the production of biofuel. <i>Applied Catalysis A: General</i> , 2019, 580, 178-185.	2.2	47
36	Highly efficient hydrogenative ring-rearrangement of furanic aldehydes to cyclopentanone compounds catalyzed by noble metals/MIL-MOFs. <i>Applied Catalysis A: General</i> , 2019, 575, 152-158.	2.2	47

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37	Hydroquinone and Quinone-Grafted Porous Carbons for Highly Selective CO <sub>2</sub> Capture from Flue Gases and Natural Gas Upgrading. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9364-9373.	4.6	46
38	Influence of phenolic compounds on physicochemical and functional properties of protein isolate from <i>Cinnamomum camphora</i> seed kernel. <i>Food Hydrocolloids</i> , 2020, 102, 105612.	5.6	44
39	A versatile synthesis of metal-organic framework-derived porous carbons for CO <sub>2</sub> capture and gas separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 19095-19106.	5.2	43
40	Highly Efficient Alkylation Using Hydrophobic Sulfonic Acid-Functionalized Biochar as a Catalyst for Synthesis of High-Density Biofuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14973-14981.	3.2	43
41	Antifungal activity and mechanism of monocaprin against food spoilage fungi. <i>Food Control</i> , 2018, 84, 561-568.	2.8	41
42	Facile preparation of N and O-rich porous carbon from palm sheath for highly selective separation of CO <sub>2</sub> /CH <sub>4</sub> /N <sub>2</sub> gas-mixture. <i>Chemical Engineering Journal</i> , 2020, 399, 125812.	6.6	41
43	Covalent modification by phenolic extract improves the structural properties and antioxidant activities of the protein isolate from <i>Cinnamomum camphora</i> seed kernel. <i>Food Chemistry</i> , 2021, 352, 129377.	4.2	41
44	Camphor Tree Seed Kernel Oil Reduces Body Fat Deposition and Improves Blood Lipids in Rats. <i>Journal of Food Science</i> , 2015, 80, H1912-7.	1.5	40
45	Effects of Long-Chain and Medium-Chain Fatty Acids on Apoptosis and Oxidative Stress in Human Liver Cells with Steatosis. <i>Journal of Food Science</i> , 2016, 81, H794-800.	1.5	37
46	<i>Cinnamomum camphora</i> Seed Kernel Oil Ameliorates Oxidative Stress and Inflammation in Diet-Induced Obese Rats. <i>Journal of Food Science</i> , 2016, 81, H1295-300.	1.5	35
47	1-Butyl-3-methylimidazolium hydrogen sulfate catalyzed in-situ transesterification of Nannochloropsis to fatty acid methyl esters. <i>Energy Conversion and Management</i> , 2017, 132, 213-220.	4.4	35
48	Functionalized metal-organic frameworks with strong acidity and hydrophobicity as an efficient catalyst for the production of 5-hydroxymethylfurfural. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 167-174.	1.7	35
49	Effects of Nanoporous Carbon Derived from Microalgae and Its CoO Composite on Capacitance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4362-4373.	4.0	33
50	Hydrogen-Catalyzed Acid Transformation for the Hydration of Alkenes and Epoxy Alkanes over Co-N Frustrated Lewis Pair Surfaces. <i>Journal of the American Chemical Society</i> , 2021, 143, 21294-21301.	6.6	33
51	Polyfuran-Derived Microporous Carbons for Enhanced Adsorption of CO <sub>2</sub> and CH <sub>4</sub> . <i>Langmuir</i> , 2015, 31, 9845-9852.	1.6	32
52	Enzymatic production of trans-free shortening from coix seed oil, fully hydrogenated palm oil and <i>Cinnamomum camphora</i> seed oil. <i>Food Bioscience</i> , 2018, 22, 1-8.	2.0	32
53	In situ transformation of LDH into hollow cobalt-embedded and N-doped carbonaceous microflowers as polysulfide mediator for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2020, 385, 123457.	6.6	31
54	Modulation of surface properties on cobalt phosphide for high-performance ambient ammonia electrosynthesis. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120874.	10.8	31

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55	Construction of phosphatized cobalt nickel-LDH nanosheet arrays as binder-free electrode for high-performance battery-like supercapacitor device. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157652.	2.8	29
56	Ultramicroporous carbon granules with narrow pore size distribution for efficient CH <sub>4</sub> separation from coalbed gases. <i>AIChE Journal</i> , 2021, 67, e17281.	1.8	29
57	Stability and Bioaccessibility of Fucoxanthin in Nanoemulsions Prepared from Pinolenic Acid-contained Structured Lipid. <i>International Journal of Food Engineering</i> , 2017, 13, .	0.7	28
58	In Vitro Antibacterial Activity and Mechanism of Monocaprylin against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Journal of Food Protection</i> , 2018, 81, 1988-1996.	0.8	28
59	One-Step Chemical Vapor Deposition Synthesis of 3D N-doped Carbon Nanotube/N-doped Graphene Hybrid Material on Nickel Foam. <i>Nanomaterials</i> , 2018, 8, 700.	1.9	28
60	Medium-chain fatty acid reduces lipid accumulation by regulating expression of lipid-sensing genes in human liver cells with steatosis. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 288-297.	1.3	27
61	Efficacy of oral <i>Bifidobacterium bifidum</i> ATCC 29521 on microflora and antioxidant in mice. <i>Canadian Journal of Microbiology</i> , 2016, 62, 249-262.	0.8	27
62	Characterization of novel exopolysaccharide of <i>Enterococcus faecium</i> WEFA23 from infant and demonstration of its in vitro biological properties. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 710-717.	3.6	27
63	MOF-Encapsulating Metal-Acid Interfaces for Efficient Catalytic Hydrogenolysis of Biomass-Derived Aromatic Aldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11127-11136.	3.2	27
64	Immobilization of lipase on $\beta$ -cyclodextrin grafted and aminopropyl-functionalized chitosan/Fe <sub>3</sub> O <sub>4</sub> magnetic nanocomposites: An innovative approach to fruity flavor esters esterification. <i>Food Chemistry</i> , 2022, 366, 130616.	4.2	27
65	Effect of nitrogen group on selective separation of CO <sub>2</sub> /N <sub>2</sub> in porous polystyrene. <i>Chemical Engineering Journal</i> , 2014, 256, 390-397.	6.6	26
66	Production, purification and biochemical characterisation of a novel lipase from a newly identified lipolytic bacterium <i>Staphylococcus caprae</i> NCU S6. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 249-257.	2.5	26
67	Facile and Controllable Preparation of Ultramicroporous Biomass-Derived Carbons and Application on Selective Adsorption of Gas-mixtures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 14191-14201.	1.8	25
68	Ethanol extracts from <i>Cinnamomum camphora</i> seed kernel: Potential bioactivities as affected by alkaline hydrolysis and simulated gastrointestinal digestion. <i>Food Research International</i> , 2020, 137, 109363.	2.9	25
69	Functionalized Biochar with Superacidity and Hydrophobicity as a Highly Efficient Catalyst in the Synthesis of Renewable High-Density Fuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7785-7794.	3.2	24
70	Lauric Triglyceride Ameliorates High-Fat-Diet-Induced Obesity in Rats by Reducing Lipogenesis and Increasing Lipolysis and $\beta$ -Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9157-9166.	2.4	24
71	Water-mediated hydrogen spillover accelerates hydrogenative ring-rearrangement of furfurals to cyclic compounds. <i>Journal of Catalysis</i> , 2022, 405, 363-372.	3.1	24
72	Temperature-Dependent Lipid Conversion and Nonlipid Composition of Microalgal Hydrothermal Liquefaction Oils Monitored by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Bioenergy Research</i> , 2015, 8, 1962-1972.	2.2	23

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73	Secondary Metabolites from Marine <i>Micromonospora</i> : Chemistry and Bioactivities. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000024.	1.0	23
74	Mechanism and Nature of Inhibition of Trypsin by Ligupurpuroside A, a Ku-Ding Tea Extract, Studied by Spectroscopic and Docking Methods. <i>Food Biophysics</i> , 2017, 12, 78-87.	1.4	22
75	Characterization of a novel lipase from <i>Bacillus licheniformis</i> NCU CS-5 for applications in detergent industry and biodegradation of 2,4-D butyl ester. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 126-136.	3.6	22
76	Efficient Xe/Kr separation on two Metal-Organic frameworks with distinct pore shapes. <i>Separation and Purification Technology</i> , 2021, 274, 119132.	3.9	22
77	Transesterification of camelina sativa oil with supercritical alcohol mixtures. <i>Energy Conversion and Management</i> , 2015, 101, 402-409.	4.4	21
78	Double-metal cyanide as an acid and hydrogenation catalyst for the highly selective ring-rearrangement of biomass-derived furfuryl alcohol to cyclopentenone compounds. <i>Green Chemistry</i> , 2020, 22, 2549-2557.	4.6	21
79	Facile Preparation of Biomass-Derived Mesoporous Carbons for Highly Efficient and Selective SO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 14929-14937.	1.8	20
80	Boosting electrochemical CO <sub>2</sub> reduction on ternary heteroatoms-doped porous carbon. <i>Chemical Engineering Journal</i> , 2021, 425, 131661.	6.6	20
81	Ce-Fe-modified zeolite-rich tuff to remove Ba <sup>2+</sup> -like <sup>226</sup> Ra <sup>2+</sup> in presence of As(V) and F <sup>-</sup> from aqueous media as pollutants of drinking water. <i>Journal of Hazardous Materials</i> , 2016, 302, 341-350.	6.5	19
82	Enhancing the Performance of Motive Power Lead-Acid Batteries by High Surface Area Carbon Black Additives. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 186.	1.3	19
83	Antibacterial activity and action mechanism of microencapsulated dodecyl gallate with methyl- $\beta$ -cyclodextrin. <i>Food Control</i> , 2020, 109, 106953.	2.8	19
84	Enhanced performance and electrocatalytic kinetics on porous carbon-coated SnS microflowers as efficient Li-S battery cathodes. <i>Electrochimica Acta</i> , 2020, 343, 136148.	2.6	19
85	Graphitic carbon embedded FeNi nanoparticles for efficient deoxygenation of stearic acid without using hydrogen and solvent. <i>Fuel</i> , 2021, 292, 120248.	3.4	19
86	<i>Cinnamomum camphora</i> Seed Kernel Oil Improves Lipid Metabolism and Enhances $\beta$ -Adrenergic Receptor Expression in Diet-Induced Obese Rats. <i>Lipids</i> , 2016, 51, 693-702.	0.7	18
87	Enhanced electrocatalytic nitrogen reduction activity by incorporation of a carbon layer on SnS microflowers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20677-20686.	5.2	18
88	Pyrochlore/Al <sub>2</sub> O <sub>3</sub> composites supported Pd for the selective synthesis of cyclopentanones from biobased furfurals. <i>Applied Catalysis A: General</i> , 2021, 612, 117985.	2.2	18
89	Synergistic effects of monocaprin and carvacrol against <i>Escherichia coli</i> O157:H7 and <i>Salmonella Typhimurium</i> in chicken meat preservation. <i>Food Control</i> , 2022, 132, 108480.	2.8	18
90	One-step synthesis of hierarchical metal oxide nanosheet/carbon nanotube composites by chemical vapor deposition. <i>Journal of Materials Science</i> , 2019, 54, 1291-1303.	1.7	17

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91	Fabrication of dual-hollow heterostructure of Ni <sub>2</sub> CoS <sub>4</sub> sphere and nanotubes as advanced electrode for high-performance flexible all-solid-state supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 313-321.	5.0	17
92	Agglomerated nickel-cobalt layered double hydroxide nanosheets on reduced graphene oxide clusters as efficient asymmetric supercapacitor electrodes. <i>Journal of Materials Research</i> , 2020, 35, 1205-1213.	1.2	17
93	Influence of phenolic compounds on the structural characteristics, functional properties and antioxidant activities of Alcalase-hydrolyzed protein isolate from <i>Cinnamomum camphora</i> seed kernel. <i>LWT - Food Science and Technology</i> , 2021, 148, 111799.	2.5	17
94	Enhancement of Low-field Magnetoresistance in Self-Assembled Epitaxial La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> :NiO and La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> :Co <sub>3</sub> O <sub>4</sub> Composite Films via Polymer-Assisted Deposition. <i>Scientific Reports</i> , 2016, 6, 26390.	1.6	16
95	Robust Ultramicroporous Metal-Organic Framework with Rich Hydroxyl-Decorated Channel Walls for Highly Selective Noble Gas Separation. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 4018-4023.	1.0	16
96	Chemical immobilization of amino acids into robust metal-organic framework for efficient SO <sub>2</sub> removal. <i>AIChE Journal</i> , 2021, 67, e17300.	1.8	16
97	Expression and characterization of a novel lipase from <i>Bacillus licheniformis</i> NCU CS-5 for application in enhancing fatty acids flavor release for low-fat cheeses. <i>Food Chemistry</i> , 2022, 368, 130868.	4.2	16
98	Effects of preheat treatment and polyphenol grafting on the structural, emulsifying and rheological properties of protein isolate from <i>Cinnamomum camphora</i> seed kernel. <i>Food Chemistry</i> , 2022, 377, 132044.	4.2	16
99	Green synthesis of polydopamine functionalized magnetic mesoporous biochar for lipase immobilization and its application in interesterification for novel structured lipids production. <i>Food Chemistry</i> , 2022, 379, 132148.	4.2	16
100	Medium and Long Chain Fatty Acids Differentially Modulate Apoptosis and Release of Inflammatory Cytokines in Human Liver Cells. <i>Journal of Food Science</i> , 2016, 81, H1546-52.	1.5	15
101	Synthesis of renewable C <sub>6</sub> cyclic compounds and high-density biofuels using 5-hydroxymethylfurfural as a reactant. <i>Green Chemistry</i> , 2020, 22, 2468-2473.	4.6	14
102	Direct growth of mesoporous anatase TiO <sub>2</sub> on nickel foam by soft template method as binder-free anode for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 48938-48942.	1.7	13
103	Facile one-step synthesis of N-doped carbon nanotubes/N-doped carbon nanofibers hierarchical composites by chemical vapor deposition. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	13
104	Antibacterial activity and membrane-disrupting mechanism of monocaprin against <i>Escherichia coli</i> and its application in apple and carrot juices. <i>LWT - Food Science and Technology</i> , 2020, 131, 109794.	2.5	12
105	Iodine-Modified Pd Catalysts Promote the Bifunctional Catalytic Synthesis of 2,5-Hexanedione from C <sub>6</sub> Furan Aldehydes. <i>ChemSusChem</i> , 2022, 15, .	3.6	12
106	Facilely prepared, N, O-codoped nanosheet derived from pre-functionalized polymer as supercapacitor electrodes. <i>Chemical Physics</i> , 2018, 506, 17-25.	0.9	11
107	A N-doped graphene-cobalt nickel sulfide aerogel as a sulfur host for lithium-sulfur batteries. <i>RSC Advances</i> , 2019, 9, 32247-32257.	1.7	11
108	Highly Controllable Hydrogenative Ring Rearrangement and Complete Hydrogenation Of Biobased Furfurals over Pd/La <sub>2</sub> O <sub>3</sub> /B <sub>2</sub> O <sub>3</sub> (B=Ti, Zr, Ce). <i>ChemCatChem</i> , 2021, 13, 4549-4556.	1.8	11



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109	Synthesis and characterization of partially hydrolyzed polyacrylamide nanocomposite weak gels with high molecular weights. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
110	A Stable Zn-Based Metal-Organic Framework as an Efficient Catalyst for Carbon Dioxide Cycloaddition and Alcoholysis at Mild Conditions. <i>Catalysis Letters</i> , 2020, 150, 1408-1417.	1.4	9
111	High Dietary Intervention of Lauric Triglyceride Might be Harmful to Its Improvement of Cholesterol Metabolism in Obese Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4453-4463.	2.4	9
112	Conformational changes in bovine $\alpha$ -lactalbumin and $\beta$ -lactoglobulin evoked by interaction with C18 unsaturated fatty acids provide insights into increased allergic potential. <i>Food and Function</i> , 2020, 11, 9240-9251.	2.1	8
113	Assessment of the effect of ethanol extracts from <i>Cinnamomum camphora</i> seed kernel on intestinal inflammation using simulated gastrointestinal digestion and a Caco-2/RAW264.7 co-culture system. <i>Food and Function</i> , 2021, 12, 9197-9210.	2.1	8
114	Promoted Hydrogenolysis of Furan Aldehydes to 2,5-Dimethylfuran by Defect Engineering on Pd/NiCo <sub>2</sub> O <sub>4</sub> . <i>ChemSusChem</i> , 2022, , .	3.6	8
115	Preparation and characterization of poly(MMA-EGDMA-AMPS) microspheres by soap-free emulsion polymerization. <i>Journal of Polymer Engineering</i> , 2015, 35, 847-857.	0.6	7
116	Mutagenesis and characterization of a <i>Bacillus amyloliquefaciens</i> strain for <i>Cinnamomum camphora</i> seed kernel oil extraction by aqueous enzymatic method. <i>AMB Express</i> , 2017, 7, 154.	1.4	7
117	Preparation of Hydrophobic Acidic Metal-Organic Frameworks and Their Application for 5-Hydroxymethylfurfural Synthesis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 22068-22078.	1.8	7
118	Delicate Tuning of the Ni/Co Ratio in Bimetal Layered Double Hydroxides for Efficient N <sub>2</sub> Electroreduction. <i>ChemSusChem</i> , 2022, 15, e202200127.	3.6	7
119	Bifunctional Role of Hydrogen in Aqueous Hydrogenative Ring Rearrangement of Furfurals over Co@Co-NC. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7321-7329.	3.2	7
120	Oral administration of <i>Bifidobacterium bifidum</i> for modulating microflora, acid and bile resistance, and physiological indices in mice. <i>Canadian Journal of Microbiology</i> , 2015, 61, 155-163.	0.8	6
121	Screening and identification of a <i>Bacillus amyloliquefaciens</i> strain for aqueous enzymatic extraction of medium-chain triglycerides. <i>Food Control</i> , 2017, 78, 24-32.	2.8	6
122	Nickel Nanoparticles with Narrow Size Distribution Confined in Nitrogen-Doped Carbon for Efficient Reduction of CO <sub>2</sub> to CO. <i>Catalysis Letters</i> , 2022, 152, 600-609.	1.4	6
123	Improving effect of phytase treatment on the functional properties and in vitro digestibility of protein isolate from <i>Cinnamomum camphora</i> seed kernel. <i>LWT - Food Science and Technology</i> , 2022, 155, 112948.	2.5	6
124	Differentially-expressed genes in <i>Candida albicans</i> exposed to $\mu$ -poly-L-lysine. <i>Biotechnology Letters</i> , 2013, 35, 2147-2153.	1.1	5
125	Selective Synthesis of Bioderived Dibenzofurans and Bicycloalkanes from a Cellulose-Based Route. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6748-6755.	3.2	5
126	Effect of in vitro digestion of <i>Cudrania cochinchinensis</i> root extracts on phenolic compounds, bioactivity, bioaccessibility and cytotoxicity on HepG2 cells. <i>European Food Research and Technology</i> , 2021, 247, 2945-2959.	1.6	5



#	ARTICLE	IF	CITATIONS
127	Synergistic effect of NiCo alloy and NiCoS integrated with N doped carbon for superior rate and ultralong-lifespan lithium sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164175.	2.8	5
128	Dietary Linolenic Acid Increases Sensitizing and Eliciting Capacities of Cow's Milk Whey Proteins in BALB/c Mice. <i>Nutrients</i> , 2022, 14, 822.	1.7	5
129	Effects of medium- and long-chain fatty acids on acetaminophen- or rifampicin-induced hepatocellular injury. <i>Food Science and Nutrition</i> , 2020, 8, 3590-3601.	1.5	4
130	Antioxidant, antidiabetic and identification of phenolic constituents from <i>Potentilla discolor</i> Bge.. <i>European Food Research and Technology</i> , 2020, 246, 2007-2016.	1.6	3
131	Fabrication of vertically aligned N-doped carbon nanotube arrays on vermiculite by horizontal chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 202-211.	1.0	3
132	Construction and in vitro digestibility evaluation of a novel human milk fat substitute rich in structured triglycerides. <i>Food Science and Technology</i> , 0, 42, .	0.8	3
133	Growth of U-Shaped Graphene Domains on Copper Foil by Chemical Vapor Deposition. <i>Materials</i> , 2019, 12, 1887.	1.3	2
134	Large scale synthesis of carbon nanopearl chains by chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 773-778.	1.0	2
135	Controlled Synthesis of Dibenzotriol and Diquinone from 1,2,4-Benzenetriol by Catalytic Aerobic Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3255-3263.	3.2	2
136	Controllable synthesis of N-doped aligned carbon nanotubes from melamine-based carbon by water-assisted chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 729-735.	1.0	1
137	Synergistic engineering of fluorine doping and oxygen vacancies towards high-energy and long-lifespan flexible solid-state asymmetric supercapacitor. <i>Ionics</i> , 2021, 27, 2649-2658.	1.2	1
138	Synthesis of Three-Dimensional Nanocarbon Hybrids by Chemical Vapor Deposition. , 0, , .		0
139	Interaction mechanism of a natural medicine product helicid with a typical digestive enzyme trypsin. <i>Spectroscopy Letters</i> , 2021, 54, 99-112.	0.5	0