

Zhe-Ling Zeng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1322889/zhe-ling-zeng-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133
papers

3,169
citations

29
h-index

51
g-index

139
ext. papers

4,290
ext. citations

7.2
avg, IF

5.68
L-index

#	Paper	IF	Citations
133	Adsorption of CO ₂ and CH ₄ on a magnesium-based metal organic framework. <i>Journal of Colloid and Interface Science</i> , 2011 , 353, 549-56	9.3	357
132	Microwave synthesis and characterization of MOF-74 (M=Ni, Mg) for gas separation. <i>Microporous and Mesoporous Materials</i> , 2013 , 180, 114-122	5.3	164
131	Antibacterial activity and mechanism of action of ϵ -poly-L-lysine. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 439, 148-53	3.4	141
130	Simultaneous and efficient removal of Cr(VI) and methyl orange on LDHs decorated porous carbons. <i>Chemical Engineering Journal</i> , 2018 , 352, 306-315	14.7	116
129	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	14.7	104
128	Controllable synthesis of bifunctional porous carbon for efficient gas-mixture separation and high-performance supercapacitor. <i>Chemical Engineering Journal</i> , 2018 , 348, 57-66	14.7	98
127	A new choice of polymer precursor for solvent-free method: Preparation of N-enriched porous carbons for highly selective CO ₂ capture. <i>Chemical Engineering Journal</i> , 2019 , 355, 963-973	14.7	89
126	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	13	77
125	Facile synthesis of hierarchical MoS ₂ /carbon microspheres as a robust anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9653-9660	13	68
124	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	16.4	66
123	Enhanced Cr(VI) removal by polyethylenimine- and phosphorus-codoped hierarchical porous carbons. <i>Journal of Colloid and Interface Science</i> , 2018 , 523, 110-120	9.3	62
122	Adsorption Equilibria of CO ₂ , CH ₄ , N ₂ , O ₂ , and Ar on High Silica Zeolites. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4017-4023	2.8	57
121	Life cycle assessment of biodiesel production from algal bio-crude oils extracted under subcritical water conditions. <i>Bioresource Technology</i> , 2014 , 170, 454-461	11	56
120	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	9.3	56
119	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 & Interfaces</i> , 2019 , 11, 24027-24036	9.5	53
118	Preparation of photonic-magnetic responsive molecularly imprinted microspheres and their application to fast and selective extraction of 17 β -estradiol. <i>Journal of Chromatography A</i> , 2016 , 1442, 1-11	4.5	52
117	Unprecedented performance of N-doped activated hydrothermal carbon towards C ₂ H ₆ /CH ₄ , CO ₂ /CH ₄ , and CO ₂ /H ₂ separation. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2263-2276	13	50

116	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, 256-63	4.4	49
115	A hierarchical glucose-intercalated NiMn-G-LDH@NiCoS core-shell structure as a binder-free electrode for flexible all-solid-state asymmetric supercapacitors. <i>Nanoscale</i> , 2020 , 12, 1852-1863	7.7	45
114	Nitrogen-rich microporous carbons for highly selective separation of light hydrocarbons. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13957-13966	13	43
113	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	13.1	40
112	Hydroquinone and Quinone-Grafted Porous Carbons for Highly Selective CO ₂ Capture from Flue Gases and Natural Gas Upgrading. <i>Environmental Science & Technology</i> , 2015 , 49, 9364-73	10.3	39
111	A versatile synthesis of metal-organic framework-derived porous carbons for CO ₂ capture and gas separation. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 19095-19106	13	38
110	Highly Selective and Reversible Sulfur Dioxide Adsorption on a Microporous Metal-Organic Framework via Polar Sites. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10680-10688	9.5	36
109	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	5.1	32
108	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	14.7	31
107	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	6.7	31
106	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	10.6	30
105	Sulfonic acid functionalized hydrophobic mesoporous biochar: Design, preparation and acid-catalytic properties. <i>Fuel</i> , 2019 , 240, 270-277	7.1	30
104	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	7.3	29
103	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	5.1	29
102	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	3.4	28
101	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	14.7	28
100	Polyfuran-Derived Microporous Carbons for Enhanced Adsorption of CO ₂ and CH ₄ . <i>Langmuir</i> , 2015 , 31, 9845-52	4	27
99	Efficient SO ₂ Removal Using a Microporous Metal-Organic Framework with Molecular Sieving Effect. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 874-882	3.9	27

98	Antifungal activity and mechanism of monocaprin against food spoilage fungi. <i>Food Control</i> , 2018 , 84, 561-568	6.2	25
97	Scalable strategy to fabricate single Cu atoms coordinated carbons for efficient electroreduction of CO ₂ to CO. <i>Carbon</i> , 2020 , 168, 528-535	10.4	25
96	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	3.4	24
95	Enzymatic production of trans-free shortening from coix seed oil, fully hydrogenated palm oil and Cinnamomum camphora seed oil. <i>Food Bioscience</i> , 2018 , 22, 1-8	4.9	22
94	Effect of nitrogen group on selective separation of CO ₂ /N ₂ in porous polystyrene. <i>Chemical Engineering Journal</i> , 2014 , 256, 390-397	14.7	22
93	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,	5.4	22
92	Facile preparation of N and O-rich porous carbon from palm sheath for highly selective separation of CO ₂ /CH ₄ /N ₂ gas-mixture. <i>Chemical Engineering Journal</i> , 2020 , 399, 125812	14.7	21
91	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	3.1	20
90	Efficacy of oral Bifidobacterium bifidum ATCC 29521 on microflora and antioxidant in mice. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 249-62	3.2	20
89	Fine pore engineering in a series of isorecticular metal-organic frameworks for efficient CH ₄ /CO separation.. <i>Nature Communications</i> , 2022 , 13, 200	17.4	20
88	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	14.7	20
87	Boosting CO ₂ -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	13	20
86	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	8.3	19
85	Transesterification of camelina sativa oil with supercritical alcohol mixtures. <i>Energy Conversion and Management</i> , 2015 , 101, 402-409	10.6	18
84	Effects of Nanoporous Carbon Derived from Microalgae and Its CoO Composite on Capacitance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4362-4373	9.5	18
83	Influence of phenolic compounds on physicochemical and functional properties of protein isolate from Cinnamomum camphora seed kernel. <i>Food Hydrocolloids</i> , 2020 , 102, 105612	10.6	18
82	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, 288-97	3.7	18
81	Stability and Bioaccessibility of Fucoxanthin in Nanoemulsions Prepared from Pinolenic Acid-contained Structured Lipid. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	17

80	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	14.7	17
79	In Vitro Antibacterial Activity and Mechanism of Monocaprylin against Escherichia coli and Staphylococcus aureus. <i>Journal of Food Protection</i> , 2018 , 81, 1988-1996	2.5	17
78	Mechanism and Nature of Inhibition of Trypsin by Ligupurpurosides A, a Ku-Ding Tea Extract, Studied by Spectroscopic and Docking Methods. <i>Food Biophysics</i> , 2017 , 12, 78-87	3.2	16
77	Cinnamomum camphora Seed Kernel Oil Ameliorates Oxidative Stress and Inflammation in Diet-Induced Obese Rats. <i>Journal of Food Science</i> , 2016 , 81, H1295-300	3.4	16
76	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	3.2	15
75	Facile and Controllable Preparation of Ultramicroporous Biomass-Derived Carbons and Application on Selective Adsorption of Gas-mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 14191-14207	3.9	15
74	Ce-Fe-modified zeolite-rich tuff to remove Ba(2+)-like (226)Ra(2+) in presence of As(V) and F(-) from aqueous media as pollutants of drinking water. <i>Journal of Hazardous Materials</i> , 2016 , 302, 341-350	12.8	14
73	Enhanced performance and electrocatalytic kinetics on porous carbon-coated SnS microflowers as efficient Li-ion battery cathodes. <i>Electrochimica Acta</i> , 2020 , 343, 136148	6.7	14
72	Enhancement of Low-field Magnetoresistance in Self-Assembled Epitaxial La _{0.67} Ca _{0.33} MnO ₃ :NiO and La _{0.67} Ca _{0.33} MnO ₃ :Co ₃ O ₄ Composite Films via Polymer-Assisted Deposition. <i>Scientific Reports</i> , 2016 , 6, 26390	4.9	14
71	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	5.7	14
70	Secondary Metabolites from Marine Micromonospora: Chemistry and Bioactivities. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000024	2.5	13
69	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	10	13
68	Direct growth of mesoporous anatase TiO ₂ on nickel foam by soft template method as binder-free anode for lithium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 48938-48942	3.7	12
67	Adsorption Configuration-Determined Selective Hydrogenative Ring Opening and Ring Rearrangement of Furfural over Metal Phosphate. <i>ACS Catalysis</i> , 2021 , 11, 6406-6415	13.1	12
66	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	3.4	12
65	Antibacterial activity and action mechanism of microencapsulated dodecyl gallate with methyl-β-cyclodextrin. <i>Food Control</i> , 2020 , 109, 106953	6.2	12
64	Production, purification and biochemical characterisation of a novel lipase from a newly identified lipolytic bacterium NCU S6. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 248-256	5.6	12
63	Covalent modification by phenolic extract improves the structural properties and antioxidant activities of the protein isolate from Cinnamomum camphora seed kernel. <i>Food Chemistry</i> , 2021 , 352, 129377	8.5	12

62	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	13	11
61	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	7.9	11
60	Enhancing the Performance of Motive Power Lead-Acid Batteries by High Surface Area Carbon Black Additives. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 186	2.6	11
59	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	8.4	11
58	Pyrochlore/Al ₂ O ₃ composites supported Pd for the selective synthesis of cyclopentanones from biobased furfurals. <i>Applied Catalysis A: General</i> , 2021 , 612, 117985	5.1	11
57	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	7.6	10
56	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	2.5	10
55	<i>Cinnamomum camphora</i> Seed Kernel Oil Improves Lipid Metabolism and Enhances β -Adrenergic Receptor Expression in Diet-Induced Obese Rats. <i>Lipids</i> , 2016 , 51, 693-702	1.6	10
54	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	7.9	10
53	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	4.3	10
52	Immobilization of lipase on β -cyclodextrin grafted and aminopropyl-functionalized chitosan/FeO magnetic nanocomposites: An innovative approach to fruity flavor esters esterification. <i>Food Chemistry</i> , 2022 , 366, 130616	8.5	10
51	Facilely prepared, N, O-codoped nanosheet derived from pre-functionalized polymer as supercapacitor electrodes. <i>Chemical Physics</i> , 2018 , 506, 17-25	2.3	9
50	Fabrication of dual-hollow heterostructure of NiCoS 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	9.3	9
49	Synthesis and characterization of partially hydrolyzed polyacrylamide nanocomposite weak gels with high molecular weights. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	7
48	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	2.3	7
47	A N-doped graphene-cobalt nickel sulfide aerogel as a sulfur host for lithium-sulfur batteries.. <i>RSC Advances</i> , 2019 , 9, 32247-32257	3.7	7
46	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	5.4	7
45	Efficient Xe/Kr separation on two Metal-Organic frameworks with distinct pore shapes. <i>Separation and Purification Technology</i> , 2021 , 274, 119132	8.3	7

44	Preparation and characterization of poly(MMA-EGDMA-AMPS) microspheres by soap-free emulsion polymerization. <i>Journal of Polymer Engineering</i> , 2015 , 35, 847-857	1.4	6
43	Synthesis of renewable C ₁₀ cyclic compounds and high-density biofuels using 5-hydromethylfurfural as a reactant. <i>Green Chemistry</i> , 2020 , 22, 2468-2473	10	6
42	Oral administration of Bifidobacterim bifidum for modulating microflora, acid and bile resistance, and physiological indices in mice. <i>Canadian Journal of Microbiology</i> , 2015 , 61, 155-63	3.2	5
41	Antibacterial activity and membrane-disrupting mechanism of monocaprin against Escherichia coli and its application in apple and carrot juices. <i>LWT - Food Science and Technology</i> , 2020 , 131, 109794	5.4	5
40	Facile Preparation of Biomass-Derived Mesoporous Carbons for Highly Efficient and Selective SO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 14929-14937	3.9	5
39	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 ,	16.4	5
38	Modulation of Surface Properties on Cobalt Phosphide for High-performance Ambient Ammonia Electrosynthesis. <i>Applied Catalysis B: Environmental</i> , 2021 , 120874	21.8	4
37	Robust Ultramicroporous Metal-Organic Framework with Rich Hydroxyl-Decorated Channel Walls for Highly Selective Noble Gas Separation. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 4018-4023	2.8	4
36	Ultramicroporous carbon granules with narrow pore size distribution for efficient CH ₄ separation from coal-bed gases. <i>AIChE Journal</i> , 2021 , 67, e17281	3.6	4
35	Highly Controllable Hydrogenative Ring Rearrangement and Complete Hydrogenation Of Biobased Furfurals over Pd/La ₂ B ₂ O ₇ (B=Ti, Zr, Ce). <i>ChemCatChem</i> ,	5.2	4
34	Screening and identification of a Bacillus amyloliquefaciens strain for aqueous enzymatic extraction of medium-chain triglycerides. <i>Food Control</i> , 2017 , 78, 24-32	6.2	3
33	Antioxidant, antidiabetic and identification of phenolic constituents from Potentilla discolor Bge.. <i>European Food Research and Technology</i> , 2020 , 246, 2007-2016	3.4	3
32	Differentially-expressed genes in Candida albicans exposed to Epoly-L-lysine. <i>Biotechnology Letters</i> , 2013 , 35, 2147-53	3	3
31	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	2.8	3
30	Lauric Triglyceride Ameliorates High-Fat-Diet-Induced Obesity in Rats by Reducing Lipogenesis and Increasing Lipolysis and Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9157-9166	5.7	3
29	Boosting electrochemical CO ₂ reduction on ternary heteroatoms-doped porous carbon. <i>Chemical Engineering Journal</i> , 2021 , 425, 131661	14.7	3
28	Synergistic effects of monocaprin and carvacrol against Escherichia coli O157:H7 and Salmonella Typhimurium in chicken meat preservation. <i>Food Control</i> , 2022 , 132, 108480	6.2	3
27	Growth of U-Shaped Graphene Domains on Copper Foil by Chemical Vapor Deposition. <i>Materials</i> , 2019 , 12,	3.5	2

26	Mutagenesis and characterization of a <i>Bacillus amyloliquefaciens</i> strain for Cinnamomum camphora seed kernel oil extraction by aqueous enzymatic method. <i>AMB Express</i> , 2017 , 7, 154	4.1	2
25	Water-mediated hydrogen spillover accelerates hydrogenative ring-rearrangement of furfurals to cyclic compounds. <i>Journal of Catalysis</i> , 2022 , 405, 363-372	7.3	2
24	Preparation of Hydrophobic Acidic Metal-Organic Frameworks and Their Application for 5-Hydroxymethylfurfural Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 22068-22078	7.8	2
23	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	5.7	2
22	Graphitic carbon embedded FeNi nanoparticles for efficient deoxygenation of stearic acid without using hydrogen and solvent. <i>Fuel</i> , 2021 , 292, 120248	7.1	2
21	Selective Synthesis of Bioderived Dibenzofurans and Bicycloalkanes from a Cellulose-Based Route. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6748-6755	8.3	2
20	Chemical immobilization of amino acids into robust metal-organic framework for efficient SO ₂ removal. <i>AIChE Journal</i> , 2021 , 67, e17300	3.6	2
19	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	8.3	2
18	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	8.5	2
17	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	1.8	1
16	Promoted hydrogenolysis of furan aldehydes to dimethylfuran by a defect engineering on Pd/NiCo ₂ O ₄ . <i>ChemSusChem</i> , 2022 ,	8.3	1
15	Effects of preheat treatment and polyphenol grafting on the structural, emulsifying and rheological properties of protein isolate from Cinnamomum camphora seed kernel.. <i>Food Chemistry</i> , 2022 , 377, 132044	8.5	1
14	Conformational changes in bovine β -lactalbumin and β -lactoglobulin evoked by interaction with C18 unsaturated fatty acids provide insights into increased allergic potential. <i>Food and Function</i> , 2020 , 11, 9240-9251	6.1	1
13	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	2.7	1
12	Nickel Nanoparticles with Narrow Size Distribution Confined in Nitrogen-Doped Carbon for Efficient Reduction of CO ₂ to CO. <i>Catalysis Letters</i> , 2021 , 1	2.8	1
11	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	1.8	1
10	Assessment of the effect of ethanol extracts from 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	6.1	1
9	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	8.5	0

8	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	5.7	○
7	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	5.4	○
6	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	3.2	○
5	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	3.4	○
4	Delicate Tuning of the Ni/Co Ratio in Bimetal Layered Double Hydroxides for Efficient N Electroreduction.. <i>ChemSusChem</i> , 2022 , e202200127	8.3	○
3	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	8.3	○
2	Large scale synthesis of carbon nanopearl chains by chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021 , 29, 773-778	1.8	
1	Interaction mechanism of a natural medicine product helicid with a typical digestive enzyme trypsin. <i>Spectroscopy Letters</i> , 2021 , 54, 99-112	1.1	