

Ke-Wen Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Visible-light photoredox-catalyzed dual C–C bond cleavage: synthesis of 2-cyanoalkylsulfonated 3,4-dihydronaphthalenes through the insertion of sulfur dioxide. <i>Chemical Communications</i> , 2020, 56, 3011-3014.	2.2	99
2	Equilibrium studies on enantioselective extraction of oxybutynin enantiomers by hydrophilic β -cyclodextrin derivatives. <i>AIChE Journal</i> , 2011, 57, 3027-3036.	1.8	76
3	Separation of flurbiprofen enantiomers by biphasic recognition chiral extraction. <i>Chemical Engineering Journal</i> , 2010, 158, 411-417.	6.6	70
4	Enantioselective separation of R,S-phenylsuccinic acid by biphasic recognition chiral extraction. <i>Chemical Engineering Science</i> , 2009, 64, 4081-4088.	1.9	67
5	Visible-Light-Mediated <i>ipso</i> -Carboacylation of Alkynes: Synthesis of 3-Acylspiro[4,5]trienones from <i>N</i> -(<i>p</i> -Methoxyaryl)propiolamides and Acyl Chlorides. <i>Journal of Organic Chemistry</i> , 2018, 83, 2210-2218.	1.7	66
6	Visible-light promoted one-pot synthesis of sulfonated spiro[4,5]trienones from propiolamides, anilines and sulfur dioxide under transition metal-free conditions. <i>Chemical Communications</i> , 2019, 55, 12212-12215.	2.2	56
7	Experimental and Simulation on Enantioselective Extraction in Centrifugal Contactor Separators. <i>AIChE Journal</i> , 2013, 59, 2594-2602.	1.8	49
8	Visible-Light-Catalyzed C–C Bond Difunctionalization of Methylene cyclopropanes with Sulfonyl Chlorides for the Synthesis of 3-Sulfonyl-1,2-dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 2829-2839.	1.7	48
9	Highly efficient and selective recovery of Au(III) by a new metal-organic polymer. <i>Journal of Hazardous Materials</i> , 2019, 380, 120844.	6.5	45
10	Highly Efficient Adsorption of Au(III) from Water by a Novel Metal-Organic Framework Constructed with Sulfur-Containing Ligands and Zn(II). <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17972-17979.	1.8	42
11	Fast and effective recovery of Au(III) from aqueous solution by a N-containing polymer. <i>Chemosphere</i> , 2020, 260, 127615.	4.2	40
12	Iron-Mediated Cyanoalkylsulfonylation/Arylation of Active Alkenes with Cycloketone Oxime Derivatives via Sulfur Dioxide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3004-3010.	2.1	40
13	Visible-light-induced cascade sulfonylation/cyclization of <i>N</i> -propargylindoles with aryldiazonium tetrafluoroborates via the insertion of sulfur dioxide. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 10020-10029.	1.5	39
14	Metal-Free Oxidative C–C Bond Functionalization of Methylene cyclopropanes with Ethers Leading to 2-Substituted 3,4-Dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7394-7401.	1.7	38
15	Oxidative C–C Bond Functionalization of Methylene cyclopropanes with Aldehydes for the Formation of 2-Acyl-3,4-dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 4657-4664.	1.7	36
16	Selective adsorption of Au(III) with ultra-fast kinetics by a new metal-organic polymer. <i>Journal of Molecular Liquids</i> , 2020, 319, 114125.	2.3	36
17	Silver-mediated oxidative C–C bond sulfonylation/arylation of methylene cyclopropanes with sodium sulfonates: facile access to 3-sulfonyl-1,2-dihydronaphthalenes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1365-1369.	1.5	35
18	Visible Light-Catalyzed Cascade Radical Cyclization of <i>N</i> -Propargylindoles with Acyl Chlorides for the Synthesis of 2-Acyl-9 <i>H</i> -pyrrolo[1,2- <i>a</i>]indoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 2385-2394.	1.7	33

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19	Efficient adsorption toward precious metal from aqueous solution by zeolitic imidazolate framework-8. <i>Adsorption</i> , 2018, 24, 733-744.	1.4	31
20	Enantioselective partitioning of 2-phenylpropionic acid enantiomers in a biphasic recognition chiral extraction system. <i>Chemical Engineering Journal</i> , 2012, 180, 293-298.	6.6	30
21	Visible-light-mediated cascade cyanoalkylsulfonylation/cyclization of alkynoates leading to coumarins via SO ₂ insertion. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3181-3190.	1.5	29
22	Oxone-Mediated Radical C-C Bond Acetmethylation/Arylation of Methylene-cyclopropanes and Vinylcyclopropanes with α -Alkyl Ketones: Facile Access to Oxoalkyl-Substituted 3,4-Dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 5413-5424.	1.7	26
23	Visible-Light-Mediated Nitrogen-Centered Radical Strategy: Preparation of α -Acylated Spiro[4,5]trienones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4440-4446.	2.1	26
24	Metal-Free, Acid/Phosphine-Induced Regioselective Thiolation of <i>p</i> -Quinone Methides with Sodium Aryl/Alkyl Sulfinates. <i>Journal of Organic Chemistry</i> , 2021, 86, 1516-1527.	1.7	26
25	Visible-light-mediated cascade difunctionalization/cyclization of alkynoates with acyl chlorides for synthesis of 3-acylcoumarins. <i>Tetrahedron Letters</i> , 2018, 59, 2038-2041.	0.7	24
26	Visible-light-mediated difunctionalization of vinylcyclopropanes for the synthesis of 1-sulfonylmethyl-3,4-dihydronaphthalenes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7918-7926.	1.5	24
27	In situ grown Cu-Based metal-organic framework on copper foam as high-performance electrocatalysts for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 21540-21546.	3.8	24
28	CDI-promoted direct esterification of P(O)-OH compounds with phenols. <i>Tetrahedron Letters</i> , 2017, 58, 2482-2486.	0.7	23
29	Enantioseparation of pheniramine enantiomers by high-speed countercurrent chromatography using β -cyclodextrin derivatives as a chiral selector. <i>Journal of Separation Science</i> , 2017, 40, 3801-3807.	1.3	23
30	Bu ₄ Ni-Catalyzed Dehydrogenative Coupling of Diaryl Phosphinic Acids with C(sp ³)-H Bonds of Arenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 993-999.	1.7	22
31	Efficient adsorption of Au(III) from acidic solution by a novel N, S-containing metal-organic framework. <i>Separation and Purification Technology</i> , 2022, 288, 120646.	3.9	22
32	Chiral separation of brompheniramine enantiomers by recycling high-speed countercurrent chromatography using carboxymethyl- β -cyclodextrin as a chiral selector. <i>Journal of Separation Science</i> , 2016, 39, 2300-2306.	1.3	21
33	Enhancement mechanism of an improved liquid membrane using selective permeation retardant for heavy metal ions separation. <i>Chemical Engineering Science</i> , 2019, 201, 1-14.	1.9	21
34	Lipase from <i>Pseudomonas cepacia</i> immobilized into ZIF-8 as bio-catalyst for enantioselective hydrolysis and transesterification. <i>Process Biochemistry</i> , 2021, 102, 132-140.	1.8	20
35	Fast recovery of Au(III) and Ag(I) via amine-modified zeolitic imidazolate framework-8. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5541.	1.7	20
36	Continuous chiral separation of 2-phenylbutyric acid by liquid-liquid extraction in centrifugal contactor separators. <i>Separation and Purification Technology</i> , 2017, 179, 53-60.	3.9	17

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37	PEG-modified lipase immobilized onto NH ₂ -MIL-53 MOF for efficient resolution of 4-fluoromandelic acid enantiomers. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1793-1802.	3.6	17
38	Equilibrium of chiral extraction of 4-nitro-D,L-phenylalanine with BINAP metal complexes. <i>Chemical Papers</i> , 2014, 68, .	1.0	16
39	Process optimization of continuous liquid-liquid extraction in centrifugal contactor separators for separation of oxybutynin enantiomers. <i>Separation and Purification Technology</i> , 2015, 150, 170-178.	3.9	16
40	Experimental and Model Study on Multistage Enantioselective Liquid-Liquid Extraction of Ketoconazole Enantiomers in Centrifugal Contactor Separators. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8762-8771.	1.8	16
41	Immobilization of lipase onto metal-organic frameworks for enantioselective hydrolysis and transesterification. <i>AIChE Journal</i> , 2020, 66, e16292.	1.8	16
42	Silver-Catalyzed Regioselective Phosphorylation of <i>para</i> -Quinone Methides with P(III)-Nucleophiles. <i>Journal of Organic Chemistry</i> , 2021, 86, 14983-15003.	1.7	16
43	Equilibrium Studies on Enantioselective Liquid-Liquid Extraction of Phenylalanine Enantiomers Using BINAP-Metal Complexes. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 3628-3635.	1.0	15
44	Equilibrium and Kinetics of Reactive Extraction of Ibuprofen Enantiomers from Organic Solution by Hydroxypropyl- β -cyclodextrin. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 964-971.	1.8	15
45	Synthesis of 2-Acyl-3,4-dihydronaphthalenes by Silver-Promoted Oxidative C-C Bond Acylation/Arylation of Alkylidenecyclopropanes with α -Ketoacids. <i>Journal of Organic Chemistry</i> , 2019, 84, 9984-9994.	1.7	15
46	Base-Catalyzed Stereoselective 1,6-Conjugated Addition/Aromatization of P(O)-H Compounds with <i>para</i> -Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3273-3282.	1.2	15
47	Copper-Catalyzed Diphenylation of P(O)-OH Bonds with Cyclic Diaryliodonium Salts. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4365-4374.	1.7	14
48	Study on enantioseparation of \pm -cyclopentyl-mandelic acid enantiomers using continuous liquid-liquid extraction in centrifugal contactor separators: Experiments and modeling. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 107, 168-176.	1.8	13
49	Visible-Light-Induced Transition-Metal-Free Nitrogen-Centered Radical Strategy for the Synthesis of 2-Acylated <i>H</i> -Pyrrolo[1,2- <i>a</i>]indoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 13720-13733.	1.7	13
50	Cu-Catalyzed Oxidative Dual Arylation of Active Alkenes: Preparation of Cyanoarylated Oxindoles through Denitrogenation of 3-Aminoindazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 2866-2875.	1.7	13
51	Alkylation/Ipso-cyclization of Active Alkynes Leading to 3-Alkylated Aza- and Oxa-spiro[4,5]-trienones. <i>Journal of Organic Chemistry</i> , 2022, 87, 5643-5659.	1.7	13
52	Enantioselective liquid-liquid extraction of (D,L)-valine using metal-BINAP complex as chiral extractant. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1920-1929.	1.6	12
53	Efficient and Controllable Esterification of P(O)-OH Compounds Using Uronium-Based Salts. <i>ChemistrySelect</i> , 2017, 2, 3376-3380.	0.7	12
54	Modeling multiple chemical equilibrium in chiral extraction of metoprolol enantiomers from single-stage extraction to fractional extraction. <i>Chemical Engineering Science</i> , 2018, 177, 74-88.	1.9	12

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55	Simultaneously enhanced ELM selectivity and stability by difunctional additives for batch and continuous separation of Cd(II)/Cu(II). <i>Chemical Engineering Research and Design</i> , 2018, 140, 261-272.	2.7	12
56	Selective Extraction of ECG from Tea Polyphenols by One Step in Centrifugal Contactor Separators: Modeling and Application. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2027-2035.	1.8	12
57	Electrochemical Synthesis of Benzo[<i>d</i>]imidazole via Intramolecular C(sp ³)â€“H Amination. <i>Journal of Organic Chemistry</i> , 2023, 88, 1928-1935.	1.7	12
58	Cr-Based MOF for Efficient Adsorption of Au at Low Concentrations. <i>Langmuir</i> , 2022, 38, 8954-8963.	1.6	12
59	Enantioseparation of mandelic acid enantiomers in ionic liquid aqueous two-phase extraction systems. <i>Chemical Papers</i> , 2014, 68, .	1.0	11
60	Modeling Multiple Chemical Equilibrium in Single-Stage Extraction of Atenolol Enantiomers with Tartrate and Boric Acid as Chiral Selector. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 4344-4355.	1.0	11
61	Multistage enantioselective reactive extraction of terbutaline enantiomers by hydrophobic phase transfer: Experiment and modeling. <i>Separation and Purification Technology</i> , 2018, 191, 208-215.	3.9	11
62	Selective recovery of Ag(I) from industrial wastewater using zeolite imidazolate framework-8: performance and mechanisms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14214-14225.	2.7	11
63	Enhancement of the catalytic efficiency of <i>Candida antarctica</i> lipase A in enantioselective hydrolysis through immobilization onto a hydrophobic MOF support. <i>Biochemical Engineering Journal</i> , 2021, 173, 108066.	1.8	11
64	The visible-light-induced acylation/cyclization of alkynoates with acyl oximes for the construction of 3-acylcoumarins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9012-9020.	1.5	11
65	Visible-Light-Induced Dual Acylation of Alkenes for the Construction of 3-Substituted Chroman-4-ones. <i>Journal of Organic Chemistry</i> , 2022, 87, 4263-4272.	1.7	11
66	Lipase-catalyzed hydrolysis of (<i>S</i>)-2-(4-methylphenyl) propionic methyl ester enhanced by hydroxypropyl- β -cyclodextrin. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 147-158.	1.6	10
67	Highly selective enrichment of Au using enaminone covalent organic polymers (COP). <i>RSC Advances</i> , 2021, 11, 29807-29815.	1.7	10
68	Enantioselective extraction of hydrophilic 2-chloromandelic acid enantiomers by hydroxypropyl- β -cyclodextrin: experiments and modeling. <i>Chemical Papers</i> , 2013, 67, .	1.0	9
69	Modeling and Optimizing the Biphasic Enantioselective Partitioning of 2-Fluoro-phenylalanine Enantiomers with BINAP-Metal Complexes as Chiral Selector. <i>Journal of Solution Chemistry</i> , 2015, 44, 112-130.	0.6	9
70	Preparative enantioseparation of 2-(4-hydroxyphenyl)propionic acid by high speed counter-current chromatography with hydroxyethyl- β -cyclodextrin as chiral selector. <i>Separation Science and Technology</i> , 2018, 53, 2981-2989.	1.3	9
71	Transition Metal-Free Difunctionalization of C-C Bond with Sodium Sulfinates and Water Leading to (<i>E</i>)-1-Phenyl-4-sulfonylbut-1-enes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2315-2320.	2.1	9
72	Continuous and selective separation of EGCG from tea polyphenols by fractional extraction: Experiment and simulation. <i>AIChE Journal</i> , 2019, 65, 259-269.	1.8	9

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73	Copper-promoted cyanoalkylation/ring-expansion of vinylcyclopropanes with $\hat{\text{I}}^{\pm}\text{-C}\hat{\text{C}}^{\text{H}}$ bonds in alkylnitriles toward 3,4-dihydronaphthalenes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8677-8685.	1.5	9
74	Novel Chiral Drug Recovery and Enantioseparation Method: Hollow Fiber Membrane Extraction and In Situ Coupling of Back-Extraction with Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13735-13743.	1.8	9
75	Transition-metal-free alkylation strategy: facile access to alkylated oxindoles <i>via</i> alkyl transfer. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1958-1968.	1.5	9
76	Experimental and Modeling Studies on the Enantioselective Extraction of Hydrophobic Pranoprofen Enantiomers with Hydrophilic $\hat{\text{I}}^2$ -Cyclodextrin as Selectors. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3902-3909.	1.0	8
77	Modelling and optimization of a two phase system for the separation of equal enantiomers by recycling high-speed counter-current chromatography. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 821-828.	1.8	8
78	Fractional Reactive Extraction for Symmetrical Separation of 4-Nitro-D,L-Phenylalanine in Centrifugal Contactor Separators: Experiments and Modeling. <i>Chirality</i> , 2015, 27, 75-81.	1.3	8
79	Enantioselective extraction of terbutaline enantiomers with $\hat{\text{I}}^2$ -cyclodextrin derivatives as hydrophilic selectors. <i>Chemical Papers</i> , 2011, 65, .	1.0	7
80	Enantioselective extraction of clorprenaline enantiomers with hydrophilic selector of sulfobutylether- $\hat{\text{I}}^2$ -cyclodextrin by experiment and modeling. <i>Journal of Central South University</i> , 2014, 21, 891-899.	1.2	7
81	Resolution of (R, S)-ibuprofen catalyzed by immobilized Novozym40086 in organic phase. <i>Chirality</i> , 2019, 31, 445-456.	1.3	7
82	Metal-Free, <i>N</i> -iodosuccinimide-Induced Regioselective Iodophosphoryloxylation of Alkenes with P(O)-OH Bonds. <i>Chemistry - A European Journal</i> , 2020, 26, 9556-9560.	1.7	7
83	Metal-free, Phosphoric Acid-catalyzed Regioselective 1,6-Hydroarylation of <i>para</i> -Quinone Methides with Indoles in Water. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	7
84	Silver-catalyzed regioselective 1,6-hydroarylation of <i>para</i> -quinone methides with anilines and phenols. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3807-3817.	2.3	7
85	Equilibrium study on enantioselective distribution of amlodipine besilate enantiomers in a biphasic recognition chiral extraction system. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 127-135.	0.9	6
86	Brønsted-Acid-Catalyzed <i>para</i> -Selective Diazotization of Anilines with Aryl Diazonium Tetrafluoroborates. <i>ChemistrySelect</i> , 2018, 3, 5147-5152.	0.7	6
87	Silver-promoted oxidative sulfonylation and ring-expansion of vinylcyclopropanes with sodium sulfonates leading to dihydronaphthalene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7345-7354.	1.5	6
88	Inclusion behavior of oxybutynin with hydroxypropyl- $\hat{\text{I}}^2$ -cyclodextrin. <i>Central South University</i> , 2011, 18, 1897-1901.	0.5	5
89	Experiments and simulation on extraction of esmolol enantiomers from single stage to multistage. <i>Separation and Purification Technology</i> , 2018, 203, 289-300.	3.9	5
90	Enzymatic Enantioselective Hydrolysis of 2-(3-Chlorophenyl) Propionic Acid Ester Enhanced by PEG: Experiment and Optimization. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11246-11256.	1.8	5

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91	Lipase-Catalyzed Production of (<i>S</i>)-Carprofen Enhanced by Hydroxyethyl- β -cyclodextrins: Experiment and Optimization. <i>Organic Process Research and Development</i> , 2019, 23, 891-899.	1.3	5
92	Preparative separation of chlorogenic acid from <i>Eucommia ulmoides</i> extract via fractional extraction. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2139-2148.	1.6	5
93	Visible-Light-Catalyzed Tandem Cyanoalkylsulfonation/ Cyclization of Alkynes. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2290.	0.6	5
94	Synthesis of reusable cyclodextrin polymers for removal of naphthol and naphthylamine from water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 22106-22121.	2.7	5
95	Chiral extraction of ketoprofen enantiomers with chiral selector tartaric esters. <i>Central South University</i> , 2007, 14, 353-356.	0.5	4
96	Kinetic study on biphasic recognition chiral extraction for separation of \pm -cyclohexylmandelic acid enantiomers. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 976-982.	1.6	4
97	Biphasic recognition chiral extraction – novel way of separating pantoprazole enantiomers. <i>Chemical Papers</i> , 2014, 68, .	1.0	4
98	Study on kinetics of reactive extraction of propranolol enantiomers by multiple linear regression method. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 551-560.	0.8	4
99	Continuous Separation of Propranolol by Fractional Extraction: Symmetric Separation and Asymmetric Separation. <i>Organic Process Research and Development</i> , 2018, 22, 1782-1792.	1.3	4
100	Kinetic model of resolution of 4-methoxymandelic acid enantiomers by lipase-catalyzed transesterification reaction. <i>Applied Catalysis A: General</i> , 2019, 587, 117274.	2.2	4
101	Highly efficient adsorption of Ag(I) from aqueous solution by Zn-NDC metal-organic framework. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6267.	1.7	4
102	Acid-Catalyzed Regioselective Synthesis of \pm -Diarylmethyl Substituted Phenols and <i>para</i> -Quinone Methides in Water. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	4
103	Synthesis of calixarenes and their extraction performance for ester catechins. <i>Central South University</i> , 2007, 14, 798-802.	0.5	3
104	Determination of Kinetics in Biphasic Recognition Chiral Extraction for Separation of Phenylsuccinic Acid Enantiomers. <i>Separation Science and Technology</i> , 2011, 46, 2099-2109.	1.3	3
105	Experimental and Model Study on Enantioselective Reactive Extraction of 2-chlorophenylglycine Enantiomers with BINAP-Metal Complexes. <i>Separation Science and Technology</i> , 2014, 49, 137-145.	1.3	3
106	Enzymatic enantioselective hydrolysis of 2-phenylpropionic acid ester: Experiment and simulation. <i>Chemical Engineering Research and Design</i> , 2019, 150, 130-139.	2.7	3
107	Kinetic study on enantioselective resolution of (<i>R,S</i>)-phenylpropionic acid through Novozyme 435-catalyzed esterification. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 520-527.	1.0	3
108	Experiment and simulation on kinetic resolution of (<i>R,S</i>)-chloromandelic acid by enzymatic transesterification. <i>Biotechnology Progress</i> , 2019, 35, e2815.	1.3	3

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109	Separation of active components tyrosol and salidroside from <i>Rhodiola rosea</i> crude extract by two-step multistage fractionation extraction. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 172, 108800.	1.8	3
110	Quaternary solvent system for highly efficient separation and purification of glabridin by fractional extraction. <i>Chemical Engineering Science</i> , 2022, 253, 117587.	1.9	3
111	Enantioselective extraction of fenvaleric acid enantiomers by two-phase (W/O) recognition chiral extraction. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 68, 271-275.	1.6	2
112	Optimizing two-phase system by experiment and simulation for high-speed counter-current chromatographic separation of 2-phenylbutyric acid enantiomer. <i>Separation Science and Technology</i> , 2017, 52, 1275-1282.	1.3	2
113	Kinetic study on reactive extraction of clorprenaline enantiomers with a combined chiral selector. <i>Separation Science and Technology</i> , 2018, 53, 110-116.	1.3	2
114	Simulation and optimization of Novozym 40086 kinetic resolution of \pm -cyclopentylphenylacetic acid enantiomers. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3595-3605.	1.6	2
115	Lipase-catalyzed hydrolysis of 2-(4-hydroxyphenyl)propionic acid ethyl ester to (R)- α -2-(4-hydroxyphenyl)propanoic acid. <i>Chemical Papers</i> , 2019, 73, 2461-2468.	1.0	2
116	Copper-catalyzed [4+1] cycloannulation of 2-aminochalcones with ethyl diazophenylacetates via ester rearrangement. <i>New Journal of Chemistry</i> , 2022, 46, 1018-1024.	1.4	2
117	Resolution of (<i>R,S</i>)- α -(4-methoxyphenyl)ethanol by lipase-catalyzed stereoselective transesterification and the process optimization. <i>Chirality</i> , 2022, 34, 438-445.	1.3	2
118	Equilibrium on reactive extraction of glabridin in a quaternary solvent system containing SBE- β -CD. <i>Chemical Engineering Research and Design</i> , 2022, 184, 524-532.	2.7	2
119	Modeling multiple chemical equilibrium for reactive extraction of naproxen enantiomers with HP- β -CD as hydrophilic selector. <i>Science China Chemistry</i> , 2011, 54, 1130-1137.	4.2	1
120	Study on the Extraction Kinetics of Ketoconazole with Hydroxypropyl- β -Cyclodextrin as a Selector. <i>International Journal of Chemical Kinetics</i> , 2017, 49, 457-463.	1.0	1
121	Modeling and optimization for asymmetric separation of atenolol enantiomers and application. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 129, 43-50.	1.8	1
122	Kinetic study on extractive resolution of tropic acid by hydroxyethyl- β -cyclodextrin. <i>Chemical Papers</i> , 2018, 72, 585-591.	1.0	1
123	Lipase-catalyzed hydrolysis of (<i>R,S</i>)- α -2,3-diphenylpropionic methyl ester enhanced by hydroxypropyl- β -cyclodextrin. <i>Biotechnology Progress</i> , 2018, 34, 1355-1362.	1.3	1
124	Recent Progress in the Selective Functionalization of P(O)-OH Bonds. <i>Topics in Current Chemistry</i> , 2021, 379, 5.	3.0	1
125	Kinetics study on the reactive extraction of homophenylalanine enantiomers with BINAP-copper complex. <i>Separation Science and Technology</i> , 2016, 51, 1994-2000.	1.3	0
126	Symmetric and asymmetric separations of bisoprolol enantiomers: Optimization and application. <i>Process Biochemistry</i> , 2019, 86, 159-168.	1.8	0