

Qi Wu

List of Publications by Year in descending order

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145
papers

3,626
citations

136950

32
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189892

50
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155
all docs

155
docs citations

155
times ranked

3631
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of highly active enzyme-metal nanohybrids and uncovering the design rules. <i>Enzyme and Microbial Technology</i> , 2022, 154, 109962.	3.2	1
2	Recent Advances in Photobiocatalysis for Selective Organic Synthesis. <i>Organic Process Research and Development</i> , 2022, 26, 1900-1913.	2.7	25
3	Synthesis and Biological Evaluation of 1-(2-(6-Methoxynaphthalen-2-yl)-6-methylnicotinoyl)-4-Substituted Semicarbazides/Thiosemicarbazides as Anti-Tumor Nur77 Modulators. <i>Molecules</i> , 2022, 27, 1698.	3.8	2
4	Rational design of fatty acid photodecarboxylase enables the efficient decarboxylation of medium- and short-chain fatty acids for the production of gasoline bio-alkanes. <i>Molecular Catalysis</i> , 2022, 524, 112261.	2.0	9
5	Biocatalytic Site-Selective Hydrogen Isotope Exchange of Unsaturated Fragments with D ₂ O. <i>ACS Catalysis</i> , 2022, 12, 783-788.	11.2	6
6	Substrate Engineering in Lipase-Catalyzed Selective Polymerization of <i>d</i> -Aspartates and Diols to Prepare Helical Chiral Polyester. <i>Biomacromolecules</i> , 2021, 22, 918-926.	5.4	9
7	Electronic Effect-Guided Rational Design of <i>Candida antarctica</i> Lipase B for Kinetic Resolution Towards Diarylmethanols. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1867-1872.	4.3	10
8	Intramolecular Stereoselective Stetter Reaction Catalyzed by Benzaldehyde Lyase. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9326-9329.	13.8	16
9	Intramolecular Stereoselective Stetter Reaction Catalyzed by Benzaldehyde Lyase. <i>Angewandte Chemie</i> , 2021, 133, 9412-9415.	2.0	5
10	One Pot Enzyme-Catalyzed Cascade Benefit Systems. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, 282-295.	1.3	2
11	Light-driven decarboxylative deuteration enabled by a divergently engineered photodecarboxylase. <i>Nature Communications</i> , 2021, 12, 3983.	12.8	53
12	Engineering Fatty Acid Photodecarboxylase to Enable Highly Selective Decarboxylation of <i>trans</i> -Fatty Acids. <i>Angewandte Chemie</i> , 2021, 133, 20863-20867.	2.0	5
13	Engineering Fatty Acid Photodecarboxylase to Enable Highly Selective Decarboxylation of <i>trans</i> -Fatty Acids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20695-20699.	13.8	40
14	Directed evolution of lipase A from <i>Bacillus subtilis</i> for the preparation of enantiocomplementary sec-alcohols. <i>Green Synthesis and Catalysis</i> , 2021, 2, 290-294.	6.8	20
15	Rational Design of Biocatalytic Deuteration Platform of Aldehydes. <i>ACS Catalysis</i> , 2021, 11, 13348-13354.	11.2	9
16	The mutagenesis of a single site for enhancing or reversing the enantio- or regiopreference of cyclohexanone monooxygenases. <i>Chemical Communications</i> , 2020, 56, 9356-9359.	4.1	10
17	Double Enzyme-Catalyzed One-Pot Synthesis of Enantiocomplementary Vicinal Fluoro Alcohols. <i>Organic Letters</i> , 2020, 22, 5446-5450.	4.6	8
18	Enantiocomplementary C-H Bond Hydroxylation Combining Photo-Catalysis and Whole-Cell Biocatalysis in a One-Pot Cascade Process. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 821-825.	2.4	19

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19	Focused rational iterative site-specific mutagenesis (FRISM). <i>Methods in Enzymology</i> , 2020, 643, 225-242.	1.0	48
20	Enzymatic Synthesis and Stereocomplex Formation of Chiral Polyester Containing Long-Chain Aliphatic Alcohol Backbone. <i>Biomacromolecules</i> , 2019, 20, 3584-3591.	5.4	8
21	Exploiting Cofactor Versatility to Convert a FAD-Dependent Baeyer-Villiger Monooxygenase into a Ketoreductase. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14499-14503.	13.8	26
22	Exploiting Cofactor Versatility to Convert a FAD-Dependent Baeyer-Villiger Monooxygenase into a Ketoreductase. <i>Angewandte Chemie</i> , 2019, 131, 14641-14645.	2.0	7
23	Artificial cysteine-lipases with high activity and altered catalytic mechanism created by laboratory evolution. <i>Nature Communications</i> , 2019, 10, 3198.	12.8	66
24	Stereoselectivity-tailored chemo-enzymatic synthesis of enantiocomplementary poly(α -substituted- γ -valerolactone) enabled by engineered lipase. <i>European Polymer Journal</i> , 2019, 119, 52-60.	5.4	7
25	Dual-Enzyme-Catalyzed Synthesis of Enantiocomplementary Polyesters. <i>ACS Macro Letters</i> , 2019, 8, 1432-1436.	4.8	6
26	Enantiocomplementary Chiral Polyhydroxyenoate: Chemoenzymatic Synthesis and Helical Structure Control. <i>ACS Macro Letters</i> , 2019, 8, 1188-1193.	4.8	8
27	Customizing the Enantioselectivity of a Cyclohexanone Monooxygenase by a Strategy Combining α -Size-Probes with in silico Study. <i>ChemCatChem</i> , 2019, 11, 5085-5092.	3.7	1
28	α -Top- or α -bottom-switches of a cyclohexanone monooxygenase controlling the enantioselectivity of the sandwiched substrate. <i>Chemical Communications</i> , 2019, 55, 2198-2201.	4.1	14
29	Light-Driven Kinetic Resolution of β -Functionalized Carboxylic Acids Enabled by an Engineered Fatty Acid Photodecarboxylase. <i>Angewandte Chemie</i> , 2019, 131, 8562-8566.	2.0	21
30	Light-Driven Kinetic Resolution of β -Functionalized Carboxylic Acids Enabled by an Engineered Fatty Acid Photodecarboxylase. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8474-8478.	13.8	77
31	Stereodivergent Protein Engineering of a Lipase To Access All Possible Stereoisomers of Chiral Esters with Two Stereocenters. <i>Journal of the American Chemical Society</i> , 2019, 141, 7934-7945.	13.7	106
32	Enantiocomplementary decarboxylative hydroxylation combining photocatalysis and whole-cell biocatalysis in a one-pot cascade process. <i>Green Chemistry</i> , 2019, 21, 1907-1911.	9.0	31
33	Highly Focused Library-Based Engineering of <i>Candida antarctica</i> Lipase B with (<i>S</i>)-Selectivity Towards <i>sec</i> -Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 126-134.	4.3	19
34	Lipase-catalyzed synthesis of chiral poly(ester amide)s with an alternating sequence of hydroxy acid and <i>l</i> -aspartate units. <i>Polymer Chemistry</i> , 2018, 9, 1412-1420.	3.9	9
35	Label-free okadaic acid detection using growth of gold nanoparticles in sensor gaps as a conductive tag. <i>Biomedical Microdevices</i> , 2017, 19, 33.	2.8	17
36	Stereoselectivity-Tailored, Metal-Free Hydrolytic Dynamic Kinetic Resolution of Morita-Baylis-Hillman Acetates Using an Engineered Lipase-Organic Base Cocatalyst. <i>ACS Catalysis</i> , 2017, 7, 4542-4549.	11.2	29

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37	One-pot construction of spirooxindole backbone via biocatalytic domino reaction. <i>Tetrahedron Letters</i> , 2017, 58, 2923-2926.	1.4	22
38	Effect of Additives on the Selectivity and Reactivity of Enzymes. <i>Chemical Record</i> , 2017, 17, 90-121.	5.8	15
39	A sensor for detection of carcinoembryonic antigen based on the polyaniline-Au nanoparticles and gap-based interdigitated electrode. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 874-882.	7.8	53
40	Asymmetric synthesis of strongly fluorescent spirooxazino derivatives via multi-enzymatic telescopic reactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S277-S280.	1.8	2
41	Lipase-initiated one-pot synthesis of spirooxazino derivatives: redesign of multicomponent reactions to expand substrates scope and application potential. <i>Tetrahedron</i> , 2016, 72, 3318-3323.	1.9	19
42	One-pot bienzymatic cascade combining decarboxylative aldol reaction and kinetic resolution to synthesize chiral 1 ² -hydroxy ketone derivatives. <i>RSC Advances</i> , 2016, 6, 76829-76837.	3.6	15
43	Antitumor gemcitabine conjugated micelles from amphiphilic comb-like random copolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 707-715.	5.0	9
44	Solvent-Free Lipase-Catalyzed Synthesis: Unique Properties of Enantiopure <i>d</i> - and <i>l</i> -Polyaspartates and Their Complexation. <i>Biomacromolecules</i> , 2016, 17, 362-370.	5.4	13
45	Mapping inhibitor response to the in-frame deletions, insertions and duplications of epidermal growth factor receptor (EGFR) in non-small cell lung cancer. <i>Journal of Receptor and Signal Transduction Research</i> , 2016, 36, 37-44.	2.5	8
46	A Single Lipase-Catalysed One-Pot Protocol Combining Aminolysis Resolution and Azide-Michael Addition: An Easy and Efficient Way to Synthesize 1 ² -Amino Acid Esters. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5393-5401.	2.4	18
47	Novel supramolecular assemblies of repulsive DNA-anionic porphyrin complexes based on covalently modified multi-walled carbon nanotubes and cyclodextrins. <i>RSC Advances</i> , 2015, 5, 21153-21160.	3.6	8
48	Diastereoselective synthesis of spirooxindole derivatives via biocatalytic domino reaction. <i>Tetrahedron</i> , 2015, 71, 616-621.	1.9	22
49	Enzymatic multicomponent reaction for simultaneous synthesis of two important scaffolds, pyridin-2-ones and 1 ² -alkylated nitriles. <i>Tetrahedron</i> , 2015, 71, 663-668.	1.9	7
50	Two Enzyme Cooperatively Catalyzed Tandem Polymerization for the Synthesis of Polyester Containing Chiral <i>R</i> - or <i>S</i> -ibuprofen Pendants. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1788-1794.	3.9	9
51	Lipase-Catalyzed Doubly Enantioselective Ring-Opening Resolution between Alcohols and Lactones: Synthesis of Chiral Hydroxyl Esters with Two Stereogenic Centers. <i>ChemCatChem</i> , 2014, 6, 3448-3454.	3.7	8
52	One-Pot Synthesis of Spirooxazino Derivatives via Enzyme-Initiated Multicomponent Reactions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 999-1005.	4.3	35
53	Enzymatic enantioselective aldol reactions of isatin derivatives with cyclic ketones under solvent-free conditions. <i>Biochimie</i> , 2014, 101, 156-160.	2.6	30
54	A method for determination of glucose by an amperometric bienzyme biosensor based on silver nanocubes modified Au electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 71-78.	7.8	55

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55	Dynamic Double Kinetic Resolution of Amines and Alcohols under the Cocatalysis of Raney Nickel/ <i>Candida antarctica</i> Lipase B: From Concept to Application. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2917-2923.	2.4	14
56	<i>Candida antarctica</i> lipase B-catalyzed synthesis of polyesters: starting from ketones via a tandem BVO/ROP process. <i>RSC Advances</i> , 2014, 4, 8533.	3.6	14
57	Amperometric sensor for ascorbic acid based on a glassy carbon electrode modified with gold-silver bimetallic nanotubes in a chitosan matrix. <i>Mikrochimica Acta</i> , 2014, 181, 231-238.	5.0	23
58	Stereoselective Transformations of \pm -Trifluoromethylated Ketoximes to Optically Active Amines by Enzyme-Nanometal Cocatalysis: Synthesis of <i>S</i> -Inhibitor of Phenylethanolamine N-Methyltransferase. <i>ChemCatChem</i> , 2014, 6, 2129-2133.	3.7	14
59	d-Aminoacylase-initiated cascade Aldol condensation/Robinson annulation for synthesis of substituted cyclohex-2-enones from simple aldehydes and acetone. <i>Amino Acids</i> , 2014, 46, 1929-1937.	2.7	6
60	Novel l-amino acid ester prodrugs of azacitidine: Design, enzymatic synthesis and the investigation of release behavior. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 105, 49-57.	1.8	6
61	Stereoselective synthesis of spiro[5.5]undecane derivatives via biocatalytic [5+1] double Michael additions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 97, 18-22.	1.8	10
62	Lysine/imidazole-catalyzed Multicomponent Cascade Reaction: Facile Synthesis of C5-substituted 3-Methylcyclohex-2-enones. <i>Chinese Journal of Chemistry</i> , 2013, 31, 997-1002.	4.9	8
63	Unexpected three-component domino synthesis of pyridin-2-ones catalyzed by promiscuous acylase in non-aqueous solvent. <i>Biochimie</i> , 2013, 95, 1462-1465.	2.6	7
64	Biocatalysts for cascade reaction: porcine pancreas lipase (PPL)-catalyzed synthesis of bis(indolyl)alkanes. <i>Amino Acids</i> , 2013, 45, 937-945.	2.7	27
65	A layer-by-layer assembled and carbon nanotubes/gold nanoparticles-based bienzyme biosensor for cholesterol detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 575-583.	7.8	87
66	Synthesis, characterization, and in vitro evaluation of two synergistic anticancer drug-containing hepatoma-targeting micelles formed from amphiphilic random copolymer. <i>Biomaterials Science</i> , 2013, 1, 774.	5.4	5
67	Multifunctional poly(amine-ester)-type hyperbranched polymers: lipase-catalyzed green synthesis, characterization, biocompatibility, drug loading and anticancer activity. <i>Polymer Chemistry</i> , 2013, 4, 3480.	3.9	22
68	Laboratory Evolution of Enantiocomplementary <i>Candida antarctica</i> Lipase B Mutants with Broad Substrate Scope. <i>Journal of the American Chemical Society</i> , 2013, 135, 1872-1881.	13.7	134
69	Glucose-functionalized multidrug-conjugating nanoparticles based on amphiphilic terpolymer with enhanced anti-tumorous cell cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2013, 441, 291-298.	5.2	14
70	Lipase/Acetamide-catalyzed Carbon-Carbon Bond Formations: A Mechanistic View. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 864-868.	4.3	24
71	Bovine serum albumin-catalyzed one-pot synthesis of 2-aminothiophenes via Gewald reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 95, 29-35.	1.8	26
72	Chemoenzymatic dynamic kinetic resolution of \pm -trifluoromethylated amines: influence of substitutions on the reversed stereoselectivity. <i>RSC Advances</i> , 2013, 3, 9820.	3.6	17

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73	Amperometric glucose biosensor based on silver nanowires and glucose oxidase. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 9-14.	7.8	103
74	Lipase-catalyzed synthesis of polymeric prodrugs of nonsteroidal anti-inflammatory drugs. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3271-3279.	2.6	9
75	Tandem dynamic kinetic resolution and enzymatic polycondensation to synthesize mPEG-functionalized poly(amine-co-ester)-type chiral prodrugs. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2049-2057.	2.3	10
76	Imidazole-catalyzed Three-component Cascade Reaction for the Facile Synthesis of Highly Substituted 3,4-Dihydropyridin-2-one Derivatives. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2343-2348.	4.9	12
77	A Nonenzymatic Hydrogen Peroxide Sensor Based on Silver Nanowires and Chitosan Film. <i>Electroanalysis</i> , 2012, 24, 1771-1777.	2.9	11
78	Enzymatic synthesis of optical pure β^2 -nitroalcohols by combining d-aminoacylase-catalyzed nitroaldol reaction and immobilized lipase PS-catalyzed kinetic resolution. <i>Green Chemistry</i> , 2011, 13, 2359.	9.0	39
79	One step electrochemically deposited nanocomposite film of chitosan-carbon nanotubes-gold nanoparticles for carcinoembryonic antigen immunosensor application. <i>Talanta</i> , 2011, 85, 1980-1985.	5.5	57
80	Diastereoselective enzymatic synthesis of highly substituted 3,4-dihydropyridin-2-ones via domino Knoevenagel condensation-Michael addition-intramolecular cyclization. <i>Tetrahedron</i> , 2011, 67, 9736-9740.	1.9	32
81	New view of acylase promiscuity: An extended study on the acylase-catalyzed Markovnikov addition. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 73, 85-89.	1.8	13
82	Amphiphilic mPEG-block-poly (profen amide-co-esters) copolymers: One pot biocatalytic synthesis, self-assembly in water and drug release. <i>Polymer</i> , 2011, 52, 5479-5485.	3.8	16
83	A Combination of Computational and Experimental Approaches to Investigate the Binding Behavior of Lipase A Mutants with Substrate NPP. <i>Molecular Informatics</i> , 2011, 30, 359-367.	2.5	11
84	Catalyst-free Multicomponent Synthesis of β^2 -Mercapto Diketones in Water. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1856-1862.	4.9	13
85	High performance liquid chromatography enantioseparation of the novel designed mexiletine derivatives and its analogs. <i>Chirality</i> , 2011, 23, 99-104.	2.6	6
86	Modulating the synthetase activity of penicillin G acylase in organic media by addition of N-methylimidazole: Using vinyl acetate as activated acyl donor. <i>Journal of Biotechnology</i> , 2011, 153, 111-115.	3.8	11
87	Regioselective synthesis of amphiphilic metoprolol-saccharide conjugates by enzymatic strategy in organic media. <i>Process Biochemistry</i> , 2011, 46, 123-127.	3.7	9
88	Candida antarctica lipase B-catalyzed the unprecedented three-component Hantzsch-type reaction of aldehyde with acetamide and 1,3-dicarbonyl compounds in non-aqueous solvent. <i>Tetrahedron</i> , 2011, 67, 2689-2692.	1.9	64
89	Enzymatic Promiscuity for Organic Synthesis and Cascade Process. <i>Current Organic Chemistry</i> , 2010, 14, 1966-1988.	1.6	81
90	Fabrication of novel hepatoma-targeting microdisks by hydrogen bond-assisted self-assembly of an azacitidine-conjugating amphiphilic random copolymer. <i>Acta Biomaterialia</i> , 2010, 6, 511-518.	8.3	13

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91	Enzymatic Synthesis of Amoxicillin via a One-pot Enzymatic Hydrolysis and Condensation Cascade Process in the Presence of Organic Co-solvents. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 2026-2035.	2.9	17
92	Multidrug nanoparticles based on novel random copolymer containing cytarabine and fluorodeoxyuridine. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 153-158.	9.4	12
93	A two-step, one-pot enzymatic synthesis of ampicillin from penicillin G potassium salt. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 208-211.	1.8	11
94	Promiscuous Zinc-Dependent Acylase-Mediated One-Pot Synthesis of Monosaccharide-Containing Pyrimidine Derivatives in Organic Medium. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1833-1841.	4.3	22
95	Design and <i>in vitro</i> Biodegradation of Novel Hepatocyte-Targetable (Galactose) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 S 2009, 210, 1052-1060.	2.2	9
96	Promiscuous enzyme-catalyzed regioselective Michael addition of purine derivatives to α,β -unsaturated carbonyl compounds in organic solvent. <i>Tetrahedron</i> , 2009, 65, 2531-2536.	1.9	29
97	One-step construction of biosensor based on chitosan-ionic liquid-horseradish peroxidase biocomposite formed by electrodeposition. <i>Biosensors and Bioelectronics</i> , 2008, 24, 29-34.	10.1	74
98	Chemo-enzymatic synthesis and sustained release of optically active polymeric prodrugs of chlorphenesin. <i>Polymer</i> , 2008, 49, 3444-3449.	3.8	9
99	Novel designed polymer-acyclovir conjugates with linker-controlled drug release and hepatoma cell targeting. <i>Journal of Polymer Science Part A</i> , 2008, 46, 117-126.	2.3	17
100	Novel hepatoma-targeting micelles based on chemoenzymatic synthesis and self-assembly of galactose-functionalized ribavirin-containing amphiphilic random copolymer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2734-2744.	2.3	24
101	Basic Law Controlling the Growth Regime of Layer-by-Layer Assembled Polyelectrolyte Multilayers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 175-183.	2.2	15
102	Immobilization of penicillin G acylase on a composite carrier with a biocompatible microenvironment of chitosan. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1710-1716.	3.2	7
103	Chemoenzymatic synthesis, characterization, and controlled release of functional polymeric prodrugs with acyclovir as pendant. <i>Journal of Applied Polymer Science</i> , 2008, 108, 431-437.	2.6	6
104	<i>Candida antarctica</i> Lipase B (CALB)-Catalyzed Carbon-Sulfur Bond Addition and Controllable Selectivity in Organic Media. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1959-1962.	4.3	70
105	Hepatic-targeting microcapsules construction by self-assembly of bioactive galactose-branched polyelectrolyte for controlled drug release system. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 477-484.	9.4	48
106	Preparation, characterization and controlled release of liver-targeting nanoparticles from the amphiphilic random copolymer. <i>Polymer</i> , 2008, 49, 4769-4775.	3.8	27
107	Facile synthesis of novel mutual derivatives of nucleosides and pyrimidines by regioselectively chemo-enzymatic protocol. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5181-5188.	3.0	10
108	Anhydrous tert-pentanol as a novel media for the efficient enzymatic synthesis of amoxicillin. <i>Enzyme and Microbial Technology</i> , 2008, 42, 601-607.	3.2	8

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109	Two lipase-catalyzed sequential synthesis of drug derivatives in organic media. <i>Enzyme and Microbial Technology</i> , 2008, 43, 375-380.	3.2	22
110	Thermal treatment of galactose-branched polyelectrolyte microcapsules to improve drug delivery with reserved targetability. <i>International Journal of Pharmaceutics</i> , 2008, 357, 22-31.	5.2	15
111	Efficient enzymatic synthesis of ampicillin in organic media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 54, 13-18.	1.8	9
112	Synthesis of monosaccharide derivatives and polymeric prodrugs of 5-fluorouridine via two-step enzymatic or chemo-enzymatic highly regioselective strategy. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 54, 76-82.	1.8	19
113	A green protocol for synthesis of benzo-fused N,S-, N,O- and N,N-heterocycles in water. <i>Green Chemistry</i> , 2008, 10, 972.	9.0	52
114	Two-step synthesis of structure-diverse d-galactose conjugates and polymeric prodrugs of floxuridine via controllable regioselective enzymatic acylation of 3'- or 5'-OH group of floxuridine. <i>Enzyme and Microbial Technology</i> , 2008, 42, 414-420.	3.2	11
115	Promiscuous zinc-dependent acylase-mediated carbon-carbon bond formation in organic media. <i>Chemical Communications</i> , 2007, , 2078-2080.	4.1	55
116	N-Methylimidazole significantly improves lipase-catalysed acylation of ribavirin. <i>Chemical Communications</i> , 2007, , 295-297.	4.1	31
117	A Basic Ionic Liquid as Catalyst and Reaction Medium: A Rapid and Simple Procedure for Aza-Michael Addition Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1798-1802.	2.4	61
118	A fast and highly efficient protocol for Michael addition of N-heterocycles to α,β -unsaturated compound using basic ionic liquid [bmlm]OH as catalyst and green solvent. <i>Tetrahedron</i> , 2007, 63, 986-990.	1.9	96
119	Promiscuous acylase-catalyzed aza-Michael additions of aromatic N-heterocycles in organic solvent. <i>Tetrahedron Letters</i> , 2007, 48, 6100-6104.	1.4	30
120	Highly selective anti-Markovnikov addition of thiols to vinyl ethers under solvent- and catalyst-free conditions. <i>Tetrahedron Letters</i> , 2007, 48, 8815-8818.	1.4	15
121	Synthesis of polymeric prodrugs of chlorphenesin with saccharide branches by chemo-enzymatic regioselective strategy. <i>Polymer</i> , 2007, 48, 2595-2604.	3.8	10
122	Controllable selective enzymatic synthesis of N-acyl and O-acylpropranolol vinyl esters and preparation of polymeric prodrug of propranolol. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 44, 1-7.	1.8	20
123	Hydrolase-catalyzed Michael addition of 1,3-dicarbonyl compounds to α,β -unsaturated compounds in organic solvent. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 49, 50-54.	1.8	46
124	Bioactive Galactose-Branched Polyelectrolyte Multilayers and Microcapsules: Self-Assembly, Characterization, and Biospecific Lectin Adsorption. <i>Langmuir</i> , 2006, 22, 8458-8464.	3.5	35
125	Hydrolase-catalyzed Michael addition of imidazoles to acrylic monomers in organic medium. <i>Journal of Biotechnology</i> , 2006, 121, 330-337.	3.8	49
126	Basic Ionic Liquid as Catalysis and Reaction Medium: A Novel and Green Protocol for the Markovnikov Addition of N-Heterocycles to Vinyl Esters, Using a Task-Specific Ionic Liquid, [bmlm]OH. <i>Journal of Organic Chemistry</i> , 2006, 71, 3991-3993.	3.2	126

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127	Enzymatic synthesis of metronidazole esters and their monosaccharide ester derivatives. <i>Enzyme and Microbial Technology</i> , 2006, 39, 1258-1263.	3.2	8
128	Markedly enhancing lipase-catalyzed synthesis of nucleoside drugs's ester by using a mixture system containing organic solvents and ionic liquid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3769-3771.	2.2	37
129	Controllable synthesis of polymerizable ester and amide prodrugs of acyclovir by enzyme in organic solvent. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3377-3382.	3.0	19
130	Chemo-Enzymatic Synthesis of Raffinose-Branched Polyelectrolytes and Self-Assembly Application in Microcapsules. <i>Macromolecular Bioscience</i> , 2006, 6, 78-83.	4.1	8
131	Promiscuous Acylases-Catalyzed Markovnikov Addition of N-Heterocycles to Vinyl Esters in Organic Media. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 487-492.	4.3	73
132	Regioselective synthesis of cyclodextrin mono-substituted conjugates of non-steroidal anti-inflammatory drugs at C-2 secondary hydroxyl by protease in non-aqueous media. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3667-3671.	3.0	12
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137	Penicillin G acylase catalyzed Markovnikov addition of allopurinol to vinyl ester. <i>Chemical Communications</i> , 2005, , 2348.	4.1	62
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140	Controllable regioselective enzymatic synthesis of polymerizable 5'-O-vinyl- and 3'-O-vinyl-nucleoside analogues in acetone. <i>Biotechnology Letters</i> , 2004, 26, 1019-1022.	2.2	11
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145	Title is missing!. Biotechnology Letters, 2001, 23, 1981-1985.	2.2	15