

# Jianbo Wang

## List of Publications by Year in descending order

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119  
papers

11,723  
citations

23567

58  
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28297

105  
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129  
all docs

129  
docs citations

129  
times ranked

6673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterative saturation mutagenesis (ISM) for rapid directed evolution of functional enzymes. <i>Nature Protocols</i> , 2007, 2, 891-903.	12.0	686
2	Biocatalysis in Organic Chemistry and Biotechnology: Past, Present, and Future. <i>Journal of the American Chemical Society</i> , 2013, 135, 12480-12496.	13.7	646
3	Laboratory Evolution of Stereoselective Enzymes: A Prolific Source of Catalysts for Asymmetric Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 138-174.	13.8	484
4	Iterative Saturation Mutagenesis on the Basis of B Factors as a Strategy for Increasing Protein Thermostability. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7745-7751.	13.8	423
5	Addressing the Numbers Problem in Directed Evolution. <i>ChemBioChem</i> , 2008, 9, 1797-1804.	2.6	374
6	Creation of Enantioselective Biocatalysts for Organic Chemistry by In Vitro Evolution. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2830-2832.	4.4	359
7	Regio- and stereoselectivity of P450-catalysed hydroxylation of steroids controlled by laboratory evolution. <i>Nature Chemistry</i> , 2011, 3, 738-743.	13.6	347
8	Catalytic Cascade Reactions Involving Metal Carbene Migratory Insertion. <i>ACS Catalysis</i> , 2013, 3, 2586-2598.	11.2	342
9	Utility of B-Factors in Protein Science: Interpreting Rigidity, Flexibility, and Internal Motion and Engineering Thermostability. <i>Chemical Reviews</i> , 2019, 119, 1626-1665.	47.7	317
10	Asymmetric Catalysis Special Feature Part II: Controlling the enantioselectivity of enzymes by directed evolution: Practical and theoretical ramifications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5716-5722.	7.1	312
11	Directed Evolution of Enantioselective Enzymes: Iterative Cycles of CASTing for Probing Protein-Sequence Space. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1236-1241.	13.8	302
12	The Crucial Role of Methodology Development in Directed Evolution of Selective Enzymes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13204-13231.	13.8	278
13	Iterative Saturation Mutagenesis Accelerates Laboratory Evolution of Enzyme Stereoselectivity: Rigorous Comparison with Traditional Methods. <i>Journal of the American Chemical Society</i> , 2010, 132, 9144-9152.	13.7	204
14	Directed Evolution of an Enantioselective Enzyme through Combinatorial Multiple-Cassette Mutagenesis. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3589.	13.8	194
15	Copper-Phthalocyanine Conjugates of Serum Albumins as Enantioselective Catalysts in Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2416-2419.	13.8	191
16	Directed evolution of hybrid enzymes: Evolving enantioselectivity of an achiral Rh-complex anchored to a protein. <i>Chemical Communications</i> , 2006, , 4318.	4.1	169
17	Directed Evolution as a Method To Create Enantioselective Cyclohexanone Monooxygenases for Catalysis in Baeyer-Villiger Reactions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4075-4078.	13.8	161
18	The Importance of Additive and Non-Additive Mutational Effects in Protein Engineering. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2658-2666.	13.8	155

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19	Enantioselective Enzymes for Organic Synthesis Created by Directed Evolution. <i>Chemistry - A European Journal</i> , 2000, 6, 407-412.	3.3	143
20	Increasing the stability of an enzyme toward hostile organic solvents by directed evolution based on iterative saturation mutagenesis using the B-FIT method. <i>Chemical Communications</i> , 2010, 46, 8657.	4.1	143
21	Directed Evolution of an Enantioselective Epoxide Hydrolase: Uncovering the Source of Enantioselectivity at Each Evolutionary Stage. <i>Journal of the American Chemical Society</i> , 2009, 131, 7334-7343.	13.7	141
22	Expanding the toolbox of organic chemists: directed evolution of P450 monooxygenases as catalysts in regio- and stereoselective oxidative hydroxylation. <i>Chemical Communications</i> , 2015, 51, 2208-2224.	4.1	135
23	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
24	Improved PCR method for the creation of saturation mutagenesis libraries in directed evolution: application to difficult-to-amplify templates. <i>Applied Microbiology and Biotechnology</i> , 2008, 81, 387-397.	3.6	130
25	P450-Catalyzed Regio- and Diastereoselective Steroid Hydroxylation: Efficient Directed Evolution Enabled by Mutability Landscaping. <i>ACS Catalysis</i> , 2018, 8, 3395-3410.	11.2	128
26	Directed evolution of selective enzymes and hybrid catalysts. <i>Tetrahedron</i> , 2002, 58, 6595-6602.	1.9	127
27	Expanding the Substrate Scope of Enzymes: Combining Mutations Obtained by CASTing. <i>Chemistry - A European Journal</i> , 2006, 12, 6031-6038.	3.3	126
28	An Artificial Metalloenzyme: Creation of a Designed Copper Binding Site in a Thermostable Protein. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5151-5155.	13.8	122
29	Catalytic Asymmetric Reduction of Difficult-to-Reduce Ketones: Triple-Code Saturation Mutagenesis of an Alcohol Dehydrogenase. <i>ACS Catalysis</i> , 2016, 6, 1598-1605.	11.2	121
30	Learning from Directed Evolution: Further Lessons from Theoretical Investigations into Cooperative Mutations in Lipase Enantioselectivity. <i>ChemBioChem</i> , 2007, 8, 106-112.	2.6	107
31	Recent advances in transition-metal-catalyzed synthesis of conjugated enynes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6638-6650.	2.8	107
32	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
33	Designing New Baeyer-Villiger Monooxygenases Using Restricted CASTing. <i>Journal of Organic Chemistry</i> , 2006, 71, 8431-8437.	3.2	104
34	Reshaping an Enzyme Binding Pocket for Enhanced and Inverted Stereoselectivity: Use of Smallest Amino Acid Alphabets in Directed Evolution. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12410-12415.	13.8	103
35	Achieving Regio- and Enantioselectivity of P450-Catalyzed Oxidative CH Activation of Small Functionalized Molecules by Structure-Guided Directed Evolution. <i>ChemBioChem</i> , 2012, 13, 1465-1473.	2.6	100
36	A machine learning approach for reliable prediction of amino acid interactions and its application in the directed evolution of enantioselective enzymes. <i>Scientific Reports</i> , 2018, 8, 16757.	3.3	94

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37	Directed Evolution of Artificial Metalloenzymes: A Universal Means to Tune the Selectivity of Transition Metal Catalysts?. <i>Accounts of Chemical Research</i> , 2019, 52, 336-344.	15.6	92
38	Manipulating the Stereoselectivity of Limonene Epoxide Hydrolase by Directed Evolution Based on Iterative Saturation Mutagenesis. <i>Journal of the American Chemical Society</i> , 2010, 132, 15744-15751.	13.7	90
39	Quantum Mechanical/Molecular Mechanical Study on the Mechanism of the Enzymatic Baeyer-Villiger Reaction. <i>Journal of the American Chemical Society</i> , 2012, 134, 2732-2741.	13.7	90
40	Iterative Saturation Mutagenesis: A Powerful Approach to Engineer Proteins by Systematically Simulating Darwinian Evolution. <i>Methods in Molecular Biology</i> , 2014, 1179, 103-128.	0.9	89
41	Learning from Directed Evolution: Theoretical Investigations into Cooperative Mutations in Lipase Enantioselectivity. <i>ChemBioChem</i> , 2004, 5, 214-223.	2.6	88
42	Simultaneous engineering of an enzyme's entrance tunnel and active site: the case of monoamine oxidase MAO-N. <i>Chemical Science</i> , 2017, 8, 4093-4099.	7.4	88
43	Can Machine Learning Revolutionize Directed Evolution of Selective Enzymes?. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2377-2386.	4.3	87
44	Regio- and Stereoselective Steroid Hydroxylation at C7 by Cytochrome P450 Monooxygenase Mutants. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12499-12505.	13.8	83
45	Enzymatic site-selectivity enabled by structure-guided directed evolution. <i>Chemical Communications</i> , 2017, 53, 3916-3928.	4.1	81
46	Many Pathways in Laboratory Evolution Can Lead to Improved Enzymes: How to Escape from Local Minima. <i>ChemBioChem</i> , 2012, 13, 1060-1066.	2.6	79
47	What are the Limitations of Enzymes in Synthetic Organic Chemistry?. <i>Chemical Record</i> , 2016, 16, 2449-2459.	5.8	79
48	Whole-Cell-Catalyzed Multiple Regio- and Stereoselective Functionalizations in Cascade Reactions Enabled by Directed Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12026-12029.	13.8	79
49	Induced Axial Chirality in Biocatalytic Asymmetric Ketone Reduction. <i>Journal of the American Chemical Society</i> , 2013, 135, 1665-1668.	13.7	75
50	New Concepts for Increasing the Efficiency in Directed Evolution of Stereoselective Enzymes. <i>Chemistry - A European Journal</i> , 2016, 22, 5046-5054.	3.3	74
51	Pervasive cooperative mutational effects on multiple catalytic enzyme traits emerge via long-range conformational dynamics. <i>Nature Communications</i> , 2021, 12, 1621.	12.8	72
52	Shedding light on the efficacy of laboratory evolution based on iterative saturation mutagenesis. <i>Molecular BioSystems</i> , 2009, 5, 115-122.	2.9	69
53	A Robust Protein Host for Anchoring Chelating Ligands and Organocatalysts. <i>ChemBioChem</i> , 2008, 9, 552-564.	2.6	67
54	Extreme Synergistic Mutational Effects in the Directed Evolution of a Baeyer-Villiger Monooxygenase as Catalyst for Asymmetric Sulfoxidation. <i>Journal of the American Chemical Society</i> , 2014, 136, 17262-17272.	13.7	66

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55	Artificial cysteine-lipases with high activity and altered catalytic mechanism created by laboratory evolution. <i>Nature Communications</i> , 2019, 10, 3198.	12.8	66
56	Multiparameter Optimization in Directed Evolution: Engineering Thermostability, Enantioselectivity, and Activity of an Epoxide Hydrolase. <i>ACS Catalysis</i> , 2016, 6, 3679-3687.	11.2	65
57	Cytochrome P450 Catalyzed Oxidative Hydroxylation of Achiral Organic Compounds with Simultaneous Creation of Two Chirality Centers in a Single C-H Activation Step. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8659-8663.	13.8	63
58	Copper(I)-Catalyzed Three-Component Coupling of <i>N</i> -Tosylhydrazones, Alkynes and Azides: Synthesis of Trisubstituted 1,2,3-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2277-2286.	4.3	62
59	Enhancing the Thermal Robustness of an Enzyme by Directed Evolution: Least Favorable Starting Points and Inferior Mutants Can Map Superior Evolutionary Pathways. <i>ChemBioChem</i> , 2011, 12, 2502-2510.	2.6	58
60	Protein Engineering of Stereoselective Baeyer-Villiger Monooxygenases. <i>Chemistry - A European Journal</i> , 2012, 18, 10160-10172.	3.3	56
61	Directed evolution of stereoselective enzymes based on genetic selection as opposed to screening systems. <i>Journal of Biotechnology</i> , 2014, 191, 3-10.	3.8	56
62	Economical analysis of saturation mutagenesis experiments. <i>Scientific Reports</i> , 2015, 5, 10654.	3.3	53
63	Biophysical characterization of mutants of <i>Bacillus subtilis</i> lipase evolved for thermostability: Factors contributing to increased activity retention. <i>Protein Science</i> , 2012, 21, 487-497.	7.6	49
64	Focused rational iterative site-specific mutagenesis (FRISM). <i>Methods in Enzymology</i> , 2020, 643, 225-242.	1.0	48
65	Directed Evolution by Using Iterative Saturation Mutagenesis Based on Multiresidue Sites. <i>ChemBioChem</i> , 2013, 14, 2301-2309.	2.6	47
66	Enhancing the Efficiency of Directed Evolution in Focused Enzyme Libraries by the Adaptive Substituent Reordering Algorithm. <i>Chemistry - A European Journal</i> , 2012, 18, 5646-5654.	3.3	46
67	Speeding up Directed Evolution: Combining the Advantages of Solid-Phase Combinatorial Gene Synthesis with Statistically Guided Reduction of Screening Effort. <i>ACS Synthetic Biology</i> , 2015, 4, 317-331.	3.8	46
68	Creation of an Amino Acid Network of Structurally Coupled Residues in the Directed Evolution of a Thermostable Enzyme. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8268-8272.	13.8	44
69	A redox-mediated Kemp eliminase. <i>Nature Communications</i> , 2017, 8, 14876.	12.8	44
70	Structural and Computational Insight into the Catalytic Mechanism of Limonene Epoxide Hydrolase Mutants in Stereoselective Transformations. <i>Journal of the American Chemical Society</i> , 2018, 140, 310-318.	13.7	44
71	Overriding Traditional Electronic Effects in Biocatalytic Baeyer-Villiger Reactions by Directed Evolution. <i>Journal of the American Chemical Society</i> , 2018, 140, 10464-10472.	13.7	43
72	Die zentrale Rolle der Methodenentwicklung in der gerichteten Evolution selektiver Enzyme. <i>Angewandte Chemie</i> , 2020, 132, 13304-13333.	2.0	42

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73	Inducing high activity of a thermophilic enzyme at ambient temperatures by directed evolution. <i>Chemical Communications</i> , 2017, 53, 9454-9457.	4.1	41
74	A thermostable variant of <i>P. aeruginosa</i> cold-adapted LipC obtained by rational design and saturation mutagenesis. <i>Process Biochemistry</i> , 2012, 47, 2064-2071.	3.7	40
75	Directed Evolution of Artificial Metalloenzymes. <i>Israel Journal of Chemistry</i> , 2015, 55, 51-60.	2.3	40
76	Statistical Analysis of the Benefits of Focused Saturation Mutagenesis in Directed Evolution Based on Reduced Amino Acid Alphabets. <i>ACS Catalysis</i> , 2019, 9, 7769-7778.	11.2	40
77	CH-activating oxidative hydroxylation of 1-tetralones and related compounds with high regio- and stereoselectivity. <i>Chemical Communications</i> , 2014, 50, 14310-14313.	4.1	39
78	Beating Bias in the Directed Evolution of Proteins: Combining High-Fidelity on-Chip Solid-Phase Gene Synthesis with Efficient Gene Assembly for Combinatorial Library Construction. <i>ChemBioChem</i> , 2018, 19, 221-228.	2.6	39
79	Sequential Copper(I)-Catalyzed Reaction of Amines with <i>o</i> -Acetylenyl-Substituted Phenyldiazoacetates. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2359-2364.	4.3	38
80	Knowledge-guided laboratory evolution of protein thermostability. <i>Biotechnology and Bioengineering</i> , 2009, 102, 1712-1717.	3.3	38
81	Biocatalytic Route to Chiral Acyloins: P450-Catalyzed Regio- and Enantioselective $\pm$ -Hydroxylation of Ketones. <i>Journal of Organic Chemistry</i> , 2015, 80, 950-956.	3.2	37
82	P450-BM3-Catalyzed Sulfoxidation versus Hydroxylation: A Common or Two Different Catalytically Active Species?. <i>Journal of the American Chemical Society</i> , 2020, 142, 2068-2073.	13.7	37
83	One-step combined focused epPCR and saturation mutagenesis for thermostability evolution of a new cold-active xylanase. <i>Enzyme and Microbial Technology</i> , 2017, 100, 60-70.	3.2	35
84	Exploiting Designed Oxidase-Peroxygenase Mutual Benefit System for Asymmetric Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 5655-5658.	13.7	32
85	Quantum Mechanical/Molecular Mechanical Study on the Enantioselectivity of the Enzymatic Baeyer-Villiger Reaction of 4-Hydroxycyclohexanone. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4993-5001.	2.6	31
86	Comparing Different Strategies in Directed Evolution of Enzyme Stereoselectivity: Single-versus Double-Code Saturation Mutagenesis. <i>ChemBioChem</i> , 2016, 17, 1865-1872.	2.6	31
87	A New Type of Stereoselectivity in Baeyer-Villiger Reactions: Access to <i>E</i> - and <i>Z</i> -Olefins. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 99-106.	4.3	30
88	Rh(I)-Catalyzed Reaction of Trifluoromethylketone <i>N</i> -Tosylhydrazones and Arylboronates. <i>Chinese Journal of Chemistry</i> , 2016, 34, 473-476.	4.9	30
89	Manipulating the stereoselectivity of the thermostable Baeyer-Villiger monooxygenase TmCHMO by directed evolution. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9824-9829.	2.8	30
90	Geminal difunctionalization of $\pm$ -diazo arylmethylphosphonates: synthesis of fluorinated phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10444-10453.	2.8	29

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91	Making Enzymes Suitable for Organic Chemistry by Rational Protein Design. <i>ChemBioChem</i> , 2022, 23, .	2.6	28
92	Assembly of Designed Oligonucleotides: A Useful Tool in Synthetic Biology for Creating High-Quality Combinatorial DNA Libraries. <i>Methods in Molecular Biology</i> , 2014, 1179, 189-206.	0.9	27
93	Copper-catalyzed olefination of N-sulfonylhydrazones with sulfones. <i>Chemical Communications</i> , 2016, 52, 4478-4480.	4.1	26
94	Cu(I)-Catalyzed Three-Component Coupling of Trifluoromethyl Ketone N-Tosylhydrazones, Alkynes and Azides: Synthesis of Difluoromethylene Substituted 1,2,3-Triazoles. <i>Chinese Journal of Chemistry</i> , 2017, 35, 387-391.	4.9	25
95	Chemo- and Stereoselective Cytochrome P450 <sub>BM3</sub> -Catalyzed Sulfoxidation of 1-Thiochromanones Enabled by Directed Evolution. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2056-2060.	4.3	25
96	Investigating Substrate Scope and Enantioselectivity of a Defluorinase by a Stereochemical Probe. <i>Journal of the American Chemical Society</i> , 2017, 139, 11241-11247.	13.7	25
97	Rapid and Error-Free Site-Directed Mutagenesis by a PCR-Free <i>In Vitro</i> CRISPR/Cas9-Mediated Mutagenic System. <i>ACS Synthetic Biology</i> , 2018, 7, 2236-2244.	3.8	25
98	Directed Evolution of Proteins Based on Mutational Scanning. <i>Methods in Molecular Biology</i> , 2018, 1685, 87-128.	0.9	24
99	Solid-Phase Gene Synthesis for Mutant Library Construction: The Future of Directed Evolution?. <i>ChemBioChem</i> , 2018, 19, 2023-2032.	2.6	24
100	1-Butanol as a Solvent for Efficient Extraction of Polar Compounds from Aqueous Medium: Theoretical and Practical Aspects. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6975-6988.	2.6	24
101	Exploring productive sequence space in directed evolution using binary patterning versus conventional mutagenesis strategies. <i>Bioresources and Bioprocessing</i> , 2016, 3, .	4.2	22
102	Machine Learning Enables Selection of Epistatic Enzyme Mutants for Stability Against Unfolding and Detrimental Aggregation. <i>ChemBioChem</i> , 2021, 22, 904-914.	2.6	22
103	P450-Catalyzed Regio- and Stereoselective Oxidative Hydroxylation of 6-Iodotetralone: Preparative-Scale Synthesis of a Key Intermediate for Pd-Catalyzed Transformations. <i>Journal of Organic Chemistry</i> , 2018, 83, 7504-7508.	3.2	20
104	Methodology Development in Directed Evolution: Exploring Options when Applying Triple-Code Saturation Mutagenesis. <i>ChemBioChem</i> , 2018, 19, 239-246.	2.6	19
105	Regio- and Stereoselective Steroid Hydroxylation at C7 by Cytochrome P450 Monooxygenase Mutants. <i>Angewandte Chemie</i> , 2020, 132, 12599-12605.	2.0	19
106	The Unexplored Importance of Fleeting Chiral Intermediates in Enzyme-Catalyzed Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 14939-14950.	13.7	19
107	Hinge-Type Dimerization of Proteins by a Tetracysteine Peptide of High Pairing Specificity. <i>Biochemistry</i> , 2018, 57, 3658-3664.	2.5	18
108	Stereo- and regioselectivity in the P450-catalyzed oxidative tandem difunctionalization of 1-methylcyclohexene. <i>Tetrahedron</i> , 2013, 69, 5306-5311.	1.9	17



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109	Palladium-catalyzed Cascade Reactions of $\alpha$ -halo- $\beta$ -tosylhydrazones, Indoles, and Aryl Iodides. Asian Journal of Organic Chemistry, 2016, 5, 874-877.	2.7	12
110	Rh(I)-catalyzed Arylation of $\alpha$ -diazo Phosphonates with Aryl Boronic Acids: Synthesis of Diarylmethylphosphonates. Chinese Journal of Chemistry, 2017, 35, 621-627.	4.9	11
111	A Cell-based Adrenaline Assay for Automated High-throughput Activity Screening of Epoxide Hydrolases. Chemistry - an Asian Journal, 2008, 3, 233-238.	3.3	10
112	An efficient method for mutant library creation in <i>Pichia pastoris</i> useful in directed evolution. Biocatalysis and Biotransformation, 2010, 28, 122-129.	2.0	10
113	Recent Advances in Directed Evolution of Stereoselective Enzymes. , 2017, , 69-99.		10
114	Select Protocols of High-Throughput ee-Screening Systems for Assaying Enantioselective Enzymes. , 2003, 230, 283-290.		9
115	A breakthrough in protein engineering of a glycosyltransferase. Green Synthesis and Catalysis, 2021, 2, 4-5.	6.8	9
116	Transition-metal-free three-component reaction of cyclopropenes, aldehydes and amines. Chemical Communications, 2016, 52, 13285-13287.	4.1	6
117	Biocatalytic Baeyer-Villiger Reactions: Uncovering the Source of Regioselectivity at Each Evolutionary Stage of a Mutant with Scrutiny of Fleeting Chiral Intermediates. ACS Catalysis, 2022, 12, 3669-3680.	11.2	6
118	<i>n</i> -Butanol: An Ecologically and Economically Viable Extraction Solvent for Isolating Polar Products from Aqueous Solutions. European Journal of Organic Chemistry, 2021, 2021, 6224-6228.	2.4	5
119	Controlling the Regio- and Stereoselectivity of Cytochrome P450 Monooxygenases by Protein Engineering. 2-Oxoglutarate-Dependent Oxygenases, 2018, , 274-291.	0.8	2