

Wenjin Yan

List of Publications by Year in descending order

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38
papers

1,524
citations

279798

23
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315739

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all docs

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docs citations

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times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of <i>N</i> -Alkoxy carbonyl Ketimines Derived from Isatins and Their Application in Enantioselective Synthesis of 3-Aminooxindoles. <i>Organic Letters</i> , 2012, 14, 2512-2515.	4.6	169
2	The asymmetric synthesis of CF ₃ -containing spiro[pyrrolidin-3,2'-oxindole] through the organocatalytic 1,3-dipolar cycloaddition reaction. <i>Chemical Communications</i> , 2015, 51, 8789-8792.	4.1	126
3	Antimicrobial peptide protonectin disturbs the membrane integrity and induces ROS production in yeast cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2365-2373.	2.6	88
4	The Squaramide-Catalyzed 1,3-Dipolar Cycloaddition of Nitroalkenes with <i>N</i> -2,2,2-Trifluoroethylisatin Ketimines: An Approach for the Synthesis of 5-Trifluoromethyl-3,2'-oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3187-3196.	4.3	85
5	D-amino acid substitution enhances the stability of antimicrobial peptide polybia-CP. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 916-925.	2.0	80
6	Antimicrobial activity and stability of the d-amino acid substituted derivatives of antimicrobial peptide polybia-MPI. <i>AMB Express</i> , 2016, 6, 122.	3.0	71
7	Asymmetric Synthesis of CF ₃ - and Indole-Containing Thiochromanes via a Squaramide-Catalyzed Michael-Aldol Reaction. <i>Organic Letters</i> , 2016, 18, 3546-3549.	4.6	56
8	Synthesis of Chiral β -Trifluoromethylamines with 2,2,2-Trifluoroethylamine as a "Building Block". <i>Organic Letters</i> , 2016, 18, 956-959.	4.6	55
9	Highly efficient enantioselective synthesis of bispiro[benzofuran-oxindole-pyrrolidine]s through organocatalytic cycloaddition. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1567-1571.	4.5	54
10	An Injectable Peptide Hydrogel Constructed of Natural Antimicrobial Peptide J-1 and ADP Shows Anti-Infection, Hemostasis, and Antiadhesion Efficacy. <i>ACS Nano</i> , 2022, 16, 7636-7650.	14.6	54
11	Construction of Vicinal Tetrasubstituted Stereocenters with a C-F Bond through a Catalytic Enantioselective Detrifuoroacetylative Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 12651-12658.	3.2	53
12	Dual antifungal properties of cationic antimicrobial peptides polybia-MPI: Membrane integrity disruption and inhibition of biofilm formation. <i>Peptides</i> , 2014, 56, 22-29.	2.4	52
13	Highly Enantioselective Cascade Reaction Catalyzed by Squaramides: the Synthesis of CF ₃ -Containing Chromanes. <i>Organic Letters</i> , 2015, 17, 3826-3829.	4.6	52
14	Zinc-Mediated Diastereoselective Synthesis of 3-Amino Oxindoles by Addition of Methyl and Terminal Alkynes to <i>N</i> -tert-Butanesulfinyl Ketimines. <i>Journal of Organic Chemistry</i> , 2012, 77, 3311-3317.	3.2	50
15	The Quinine Thiourea-Catalyzed Asymmetric Strecker Reaction: An Approach for the Synthesis of 3-Aminooxindoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 548-558.	4.3	49
16	Asymmetric Synthesis of 2-Trifluoromethylated Spiro[pyrrolidine-3,3'-oxindoles] via <i>N</i> -Squaramide-Catalyzed Umpolung and 1,3-Dipolar Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3777-3785.	4.3	48
17	The catalytic asymmetric synthesis of CF ₃ -containing spiro-oxindole-pyrrolidine-pyrazolone compounds through squaramide-catalyzed 1,3-dipolar cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5514-5519.	2.8	46
18	The in vitro, in vivo antifungal activity and the action mode of Jelleine-I against <i>Candida</i> species. <i>Amino Acids</i> , 2018, 50, 229-239.	2.7	31

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19	Asymmetric Addition of Phenylacetylene to Aldehydes Catalyzed by \hat{I}^2 -Sulfonamide Alcohol-Titanium Complex. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 506-514.	4.3	30
20	An optimized analog of antimicrobial peptide Jelleine-1 shows enhanced antimicrobial activity against multidrug resistant <i>P. Aeruginosa</i> and negligible toxicity in \hat{A} vitro and in \hat{A} vivo. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113433.	5.5	30
21	Antifungal effect and action mechanism of antimicrobial peptide polybiaâ€CP. <i>Journal of Peptide Science</i> , 2016, 22, 28-35.	1.4	28
22	Antimicrobial activity and stability of protonectin with $\langle scp \rangle D \langle /scp \rangle$ -amino acid substitutions. <i>Journal of Peptide Science</i> , 2017, 23, 392-402.	1.4	27
23	Stereoselective synthetic strategies of stereogenic carbon centers featuring a difluoromethyl group. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2799-2819.	4.5	27
24	Asymmetric Addition of Terminal Alkynes to $\langle i \rangle N \langle /i \rangle$ - \hat{A} (Diphenylphosphinoyl)imines Promoted by Stoichiometric Amounts of a Prolineâ€Derived \hat{I}^2 -Amino Alcohol. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3790-3794.	2.4	25
25	Asymmetric synthesis of CF_3 -containing tetrahydroquinoline via a thiourea-catalyzed cascade reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4544-4547.	2.8	24
26	Asymmetric Synthesis of \hat{I}^{\pm} -Trifluoromethyl Pyrrolidines through Organocatalyzed 1,3-Dipolar Cycloaddition Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 3482-3490.	3.2	20
27	The asymmetric construction of CF_3 -containing spiro-thiazolone-pyrrolidine compounds $\langle i \rangle$ via $\langle /i \rangle$ [3 + 2] cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2892-2895.	2.8	19
28	Multiple action mechanism and in vivo antimicrobial efficacy of antimicrobial peptide Jelleineâ€I. <i>Journal of Peptide Science</i> , 2021, 27, e3294.	1.4	19
29	Efficient enantioselective synthesis of CF_2H -containing dispiro[benzo $\langle i \rangle$ thiophene-oxindole-pyrrolidine]s $\langle i \rangle$ via $\langle /i \rangle$ organocatalytic cycloaddition. <i>Organic Chemistry Frontiers</i> , 2021, 9, 210-215.	4.5	11
30	The introduction of l-phenylalanine into antimicrobial peptide protonectin enhances the selective antibacterial activity of its derivative phe-Prt against Gram-positive bacteria. <i>Amino Acids</i> , 2021, 53, 23-32.	2.7	9
31	The Regiocontrollable Enantioselective Synthesis of Chiral Trifluoromethyl-Containing Spiro-Pyrrolidine-Pyrazolone Compounds via Amino-Regulated 1,3-Proton Migration Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 13011-13024.	3.2	8
32	Catalytic Asymmetric Construction of Tertiary Carbon Centers Featuring an \hat{I}^{\pm} -Difluoromethyl Group with $CF_2H-CH_2-NH_2$ as the \hat{A} Building Blockâ€• <i>Organic Letters</i> , 2021, 23, 2584-2589.	4.6	6
33	The effects of incorporation of the counterparts and mimics of l-lysine on the antimicrobial activity, hemolytic activity, cytotoxicity and tryptic stability of antimicrobial peptide polybia-MPII. <i>Amino Acids</i> , 2022, 54, 123-135.	2.7	5
34	Asymmetric Synthesis of Chiral $\langle i \rangle$ \hat{A} - CF_2H Spiro[Indoline-3,3â€Thiophene] via Phaseâ€Transfer Catalyzed Sulfaâ€Michael/Michael Domino Reaction. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 811-830.	4.3	5
35	The Catalytic Asymmetric Construction of Trifluoromethylated Quaternary Carbon-Containing Thiochromans. <i>Synthesis</i> , 2019, 51, 3327-3335.	2.3	4
36	Cu reduces hemolytic activity of the antimicrobial peptide HMPI and enhances its trypsin resistance. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 603-611.	2.0	4

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37	Tryptic Stability and Antimicrobial Activity of the Derivatives of Polybia-CP with Fine-Tuning Modification in the Side Chain of Lysine. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 851-862.	1.9	2
38	GM-Pep: A High Efficiency Strategy to De Novo Design Functional Peptide Sequences. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2617-2629.	5.4	2