

Xiaoxin Shi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Short and Practical Synthesis of Oseltamivir Phosphate (Tamiflu) from (âˆ™)-Shikimic Acid. <i>Journal of Organic Chemistry</i> , 2009, 74, 3970-3973.	1.7	85
2	A novel asymmetric synthesis of oseltamivir phosphate (Tamiflu) from (âˆ™)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 124-129.	1.8	59
3	Highly stereoselective Pictetâ€“Spengler reaction of d-tryptophan methyl ester with piperonal: convenient syntheses of Cialis (Tadalafil), 12a-epi-Cialis, and their deuterated analogues. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 435-442.	1.8	50
4	Efficient and Practical Oneâ€“Pot Conversions of <i>N</i> -Tosyltetrahydroisoquinolines into Isoquinolines and of <i>N</i> -Tosyltetrahydroâˆ²-carbolines into $\hat{2}$ -Carbolines through Tandem $\hat{2}$ -Elimination and Aromatization. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6987-6992.	1.2	36
5	Dearomatization of Indoles <i>via</i> a Phenolâ€“Directed Vanadiumâ€“Catalyzed Asymmetric Epoxidation and Ringâ€“Opening Cascade. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3064-3068.	2.1	34
6	Syntheses of chiral 1,3-disubstituted tetrahydro- $\hat{2}$ -carbolines via CIAT process: highly stereoselective Pictetâ€“Spengler reaction of d-tryptophan ester hydrochlorides with various aldehydes. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 430-439.	1.8	33
7	Inversion of secondary chiral alcohols in toluene with the tunable complex of R ₃ NRâˆ²COOH. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 277-284.	1.8	32
8	Microwave-assisted construction of triazole-linked amino acidâ€“glucoside conjugates as novel PTP1B inhibitors. <i>New Journal of Chemistry</i> , 2011, 35, 622.	1.4	31
9	Novel N,O-Cu(OAc) ₂ complex catalysed diastereo- and enantioselective 1,4-addition of glycine derivatives to alkylidene malonates. <i>Catalysis Science and Technology</i> , 2011, 1, 100.	2.1	26
10	A novel and high-yielding asymmetric synthesis of oseltamivir phosphate (Tamiflu) starting from (âˆ™)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 742-747.	1.8	24
11	Total Syntheses of Eudistomins Y ₁ â€“Y ₇ by an Efficient Oneâ€“Pot Process of Tandem Benzylic Oxidation and Aromatization of 1â€“Benzylâˆ³,4â€“dihydroâˆ²-carbolines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3271-3277.	1.2	24
12	Enantioselective synthesis of 4,5,6,7-tetrahydroindoles via olefin cross-metathesis/intramolecular Friedelâ€“Crafts alkylation reaction of pyrroles. <i>Organic Chemistry Frontiers</i> , 2015, 2, 476-480.	2.3	22
13	Copper-Catalyzed Benign and Efficient Oxidation of Tetrahydroisoquinolines and Dihydroisoquinolines Using Air as a Clean Oxidant. <i>ACS Omega</i> , 2018, 3, 8243-8252.	1.6	21
14	Novel asymmetric synthesis of oseltamivir phosphate (Tamiflu) from (âˆ™)-shikimic acid via cyclic sulfite intermediates. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1692-1699.	1.8	20
15	Efficient and Practical Syntheses of Enantiomerically Pure (<i>S</i>)-Norcryptostyline I, (<i>S</i>)-Norcryptostyline II, (<i>R</i>)-Salsolidine and (<i>S</i>)-Norlaudanidine <i>via</i> a Resolutionâ€“Racemization Method. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1039-1048.	1.2	20
16	Cu-catalyzed mild and efficient oxidation of TH $\hat{2}$ Cs using air: application in practical total syntheses of perlolyrine and flazin. <i>RSC Advances</i> , 2018, 8, 6834-6839.	1.7	20
17	Total Syntheses of (+)-Valiolamine and (âˆ™)-1-epi-Valiolamine from Naturally Abundant (âˆ™)-Shikimic Acid. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6389-6396.	1.2	19
18	A novel azide-free asymmetric synthesis of oseltamivir phosphate (Tamiflu) starting from Rocheâ€™s epoxide. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 638-642.	1.8	18

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19	Asymmetric syntheses of (âˆ™)-methyl shikimate and (âˆ™)-5a-carba-Î²-d-gulopyranose from d-arabinose via Mukaiyama-type intramolecular aldolization. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 78-83.	1.8	15
20	Stereoselective synthesis of (+)-valienamine starting from the naturally abundant (âˆ™)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1037-1042.	1.8	12
21	An Efficient and General Method for the Stereodivergent Syntheses of Tadalafil-Like Tetracyclic Compounds. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1711-1716.	1.2	11
22	Synthesis of Triazole-Linked Amino Acid-Aryl C -Glycoside Hybrids via Click Chemistry as Novel PTP1B Inhibitors. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1227-1232.	2.6	11
23	Novel total syntheses of oxoaporphine alkaloids enabled by mild Cu-catalyzed tandem oxidation/aromatization of 1-Bn-DHIQs. <i>RSC Advances</i> , 2018, 8, 28997-29007.	1.7	11
24	Novel and Efficient Syntheses of Four Useful Shikimate-derived Epoxy Chiral Building Blocks via Cyclic Sulfite Intermediates. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2759-2766.	2.6	9
25	A novel stereoselective synthesis of (âˆ™)-quinic acid starting from the naturally abundant (âˆ™)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1375-1381.	1.8	9
26	CuBr ₂ -Catalyzed Mild Oxidation of 3,4-Dihydro-Î²-Carbolines and Application in Total Synthesis of 6-Hydroxymetatacarboline D. <i>ACS Omega</i> , 2018, 3, 544-553.	1.6	9
27	Synthesis of Diaryl Disulfides via Mild Reduction of Arylsulfonates with Hydrazine Monohydrate in DMSO. <i>Synthetic Communications</i> , 2012, 42, 1108-1114.	1.1	8
28	Mild and Efficient Syntheses of 1-Aryl-3,4-dihydroisoquinolines and 1-Aryl-3,4-dihydro-Î²-carbolines via Regiospecific Î²-Eliminations of the Corresponding <i>N</i> -Tosyl-1,2,3,4-tetrahydroisoquinolines and <i>N</i> -Tosyl-1,2,3,4-tetrahydro-Î²-carbolines. <i>Synthetic Communications</i> , 2012, 42, 2806-2817.	1.1	7
29	Ethylenediamine: A Highly Effective Catalyst for One-Pot Synthesis of Aryl Nitroalkenes via Henry Reaction and Dehydration. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2827-2833.	2.6	7
30	Total Syntheses of Dichotomines A and the Stereochemical Revision of Dichotomines B. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3317-3325.	1.2	7
31	Highly stereoselective transformation of (1 <i>S</i> ,3 <i>S</i>)-cis-1,3-disubstituted tetrahydro-Î²-carbolines into (1 <i>S</i> ,3 <i>R</i>)-trans-1,3-disubstituted tetrahydro-Î²-carbolines: an improved asymmetric synthesis of tadalafil from l-tryptophan. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 883-893.	1.8	7
32	Synthesis and Acid-Catalyzed Cyclization of 2-Alkenylstilbenes: a New Approach to the Substituted Indenes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1276-1286.	2.6	6
33	Improved Stereoselective Syntheses of (+)-Valiolamine and (+)-Valienamine Starting from (âˆ™)-Shikimic Acid. <i>Chinese Journal of Chemistry</i> , 2017, 35, 457-464.	2.6	6
34	Highly diastereoselective crystallization-induced asymmetric transformation of 1,3-disubstituted-tetrahydro-Î²-carbolines in water. <i>RSC Advances</i> , 2017, 7, 47753-47757.	1.7	5
35	Copper(II)-catalyzed and acid-promoted highly regioselective oxidation of tautomerizable C ³ -H bonds adjacent to 3,4-dihydroisoquinolines using air (O ₂) as a clean oxidant. <i>RSC Advances</i> , 2021, 11, 29702-29710.	1.7	5
36	A general strategy for the highly stereoselective synthesis of HR22C16-like mitotic kinesin Eg5 inhibitors from both l- and d-tryptophans. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1865-1873.	1.8	4

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37	Novel asymmetric total syntheses of (R)-($\hat{\alpha}$)-pyridindolol, (R)-($\hat{\alpha}$)-pyridindolol K1, and (R)-($\hat{\alpha}$)-pyridindolol K2 via a mild one-pot aromatization of N-tosyl-tetrahydro- $\hat{\beta}$ -carboline with (S)-2,3-O-isopropylidene-l-glyceraldehyde as the source of chirality. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 633-637.	1.8	4
38	Efficient and Highly Stereoselective Syntheses of (+)- <i>proto</i> -Quercitol and ($\hat{\alpha}$)- <i>gala</i> -Quercitol Starting from the Naturally Abundant ($\hat{\alpha}$)-Shikimic Acid. <i>ACS Omega</i> , 2020, 5, 1813-1821.	1.6	4
39	Novel stereoselective syntheses of <i>N</i> -octyl- $\hat{\beta}$ -valienamine (NOV) and <i>N</i> -octyl-4- <i>epi</i> - $\hat{\beta}$ -valienamine (NOEV) from ($\hat{\alpha}$)-shikimic acid. <i>RSC Advances</i> , 2019, 9, 42077-42084.	1.7	3
40	Efficient and Benign One-Pot Conversion of N-Tosyl-1,4,5,6-tetrahydropyrimidines to Pyrimidines via Tandem $\hat{\beta}$ -Elimination and Aromatization. <i>Synthetic Communications</i> , 2013, 43, 3141-3152.	1.1	2
41	Novel Total Synthesis of Mansouramycin B. <i>Chinese Journal of Chemistry</i> , 2016, 34, 683-688.	2.6	2
42	Novel Stereoselective Syntheses of (+)-Streptol and ($\hat{\alpha}$)-1- <i>epi</i> -Streptol Starting from Naturally Abundant ($\hat{\alpha}$)-Shikimic Acid. <i>ACS Omega</i> , 2021, 6, 17103-17112.	1.6	2
43	Stereodivergent Syntheses of All Stereoisomers of ($\hat{\alpha}$)- $\hat{\epsilon}$ -Shikimic Acid: Development of a Chiral Pool for the Diverse Polyhydroxy- $\hat{\epsilon}$ -cyclohexenoid (or $\hat{\epsilon}$ -cyclohexanoid) Bioactive Molecules. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4318-4332.	1.2	1
44	Efficient stereoselective synthesis of 5a-carba- $\hat{\beta}$ -L-mannopyranose starting from naturally abundant ($\hat{\alpha}$)-shikimic acid. <i>Synthetic Communications</i> , 0, , 1-8.	1.1	0