

Shichao Yu

List of Publications by Year in descending order

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29
papers

3,370
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331670

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42
all docs

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docs citations

42
times ranked

2600
citing authors

#	ARTICLE	IF	CITATIONS
1	Allenes in Catalytic Asymmetric Synthesis and Natural Product Syntheses. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3074-3112.	13.8	900
2	How easy are the syntheses of allenes?. <i>Chemical Communications</i> , 2011, 47, 5384-5418.	4.1	481
3	Gold-Catalyzed Cyclization of Enynes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 200-203.	13.8	355
4	Development of a General and Practical Iron Nitrate/TEMPO-Catalyzed Aerobic Oxidation of Alcohols to Aldehydes/Ketones: Catalysis with Table Salt. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1005-1017.	4.3	166
5	Rhodium-Catalyzed Direct Oxidative Carbonylation of Aromatic C-H Bond with CO and Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 729-733.	13.7	143
6	Synthesis and Application of Modular Phosphine-Phosphoramidite Ligands in Asymmetric Hydroformylation: Structure-Selectivity Relationship. <i>Chemistry - A European Journal</i> , 2010, 16, 871-877.	3.3	99
7	Studies on K ₂ CO ₃ -Catalyzed 1,4-Addition of 1,2-Allenic Ketones with Diethyl Malonate: Controlled Selective Synthesis of β^2, β^3 -Unsaturated Enones and β -Pyrones. <i>Journal of Organic Chemistry</i> , 2003, 68, 8996-9002.	3.2	92
8	Rhodium-Catalyzed Asymmetric Hydroformylation of <i>N</i> -Allylamides: Highly Enantioselective Approach to β^2, β^3 -Amino Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4047-4050.	13.8	86
9	Highly Efficient and Highly Enantioselective Asymmetric Hydrogenation of Ketones with Tunable Phos/1,2-Diamine-Ruthenium(II) Complexes. <i>Journal of Organic Chemistry</i> , 2009, 74, 1397-1399.	3.2	76
10	Highly Regioselective Hydroformylation of Styrene and Its Derivatives Catalyzed by Rh Complex with Tetrakisphosphorus Ligands. <i>Organic Letters</i> , 2009, 11, 241-244.	4.6	70
11	Highly Regioselective Isomerization-Hydroformylation of Internal Olefins to Linear Aldehyde Using Rh Complexes with Tetrakisphosphorus Ligands. <i>Organic Letters</i> , 2008, 10, 3469-3472.	4.6	66
12	Palladium-Catalyzed Functionalization of Indoles with 2-Acetoxyethyl-Substituted Electron-Deficient Alkenes. <i>Journal of Organic Chemistry</i> , 2006, 71, 9865-9868.	3.2	58
13	Palladium-catalyzed functionalization of indoles with 2-acetoxyethyl substituted electron-deficient alkenes. <i>Tetrahedron Letters</i> , 2004, 45, 8419-8422.	1.4	48
14	Sc(OTf) ₃ -Catalyzed Indolization of 1,2-Allenic Ketones: Controlled Highly Selective Synthesis of β^2 -Indolyl- β^3 -unsaturated (E)-Enones and β^2, β^3 -Bisindolyl Ketones. <i>Organic Letters</i> , 2005, 7, 5063-5065.	4.6	45
15	Synthesis and Application of Tetrakisphosphane Ligands in Rhodium-Catalyzed Hydroformylation of Terminal Olefins: High Regioselectivity at High Temperature. <i>Chemistry - A European Journal</i> , 2010, 16, 4938-4943.	3.3	41
16	Highly Regioselective Isomerization-Hydroaminomethylation of Internal Olefins Catalyzed by Rh Complex with Tetrakis-Type Phosphorus Ligands. <i>Organic Letters</i> , 2012, 14, 102-105.	4.6	40
17	Synthesis of Enamides via Rh/C-Catalyzed Direct Hydroacylation of Ketoximes. <i>Organic Letters</i> , 2009, 11, 481-483.	4.6	38
18	Highly Regioselective and Rapid Hydroformylation of Alkyl Acrylates Catalyzed by a Rhodium Complex with a Tetrakisphosphorus Ligand. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 537-540.	4.3	33

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19	New Tetraphosphorus Ligands for Highly Linear Selective Hydroformylation of Allyl and Vinyl Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 9992-9998.	3.3	26
20	Sc(OTf) ₃ -catalyzed efficient synthesis of $\hat{1}^2, \hat{1}^2$ -bis(indolyl) ketones by the double indolylation of acetic acid 2-methylene-3-oxobutyl ester. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1933.	2.8	22
21	Axially chiral electron-rich TunePhos-type ligand: synthesis and applications in asymmetric hydrogenation. <i>Tetrahedron Letters</i> , 2009, 50, 5777-5779.	1.4	20
22	Highly Regioselective Isomerization $\hat{1}^2$ Hydroformylation of Internal Olefins Catalyzed by Rhodium/Tetraphosphine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2665-2670.	4.3	20
23	Highly regioselective hydroformylation of 1,5-hexadiene to linear dialdehyde catalyzed by rhodium complexes with tetraphosphorus ligands. <i>Tetrahedron Letters</i> , 2009, 50, 5575-5577.	1.4	13
24	Studies on t-BuOK-catalyzed Michael addition of 1,2-allenic ketones with 2-substituted diethyl malonates: highly selective synthesis of $\hat{1}^2, \hat{1}^3$ -unsaturated enones. <i>Tetrahedron</i> , 2005, 61, 4157-4164.	1.9	11
25	Facile, Environmentally Friendly Synthesis of Benzaldehyde and Phenylacetaldehyde Analogs from Readily Available Toluene Derivatives. <i>Synthetic Communications</i> , 2011, 41, 3078-3084.	2.1	5
26	Studies on K ₂ CO ₃ -Catalyzed 1,4-Addition of 1,2-Allenic Ketones with Diethyl Malonate: Controlled Selective Synthesis of $\hat{1}^2, \hat{1}^3$ -Unsaturated Enones and $\hat{1}^{\pm}$ -Pyrone. <i>ChemInform</i> , 2004, 35, no.	0.0	0
27	Palladium-Catalyzed Functionalization of Indoles with 2-Acetoxyethyl-Substituted Electron-Deficient Alkenes. <i>ChemInform</i> , 2005, 36, no.	0.0	0
28	Studies on t-BuOK-Catalyzed Michael Addition of 1,2-Allenic Ketones with 2-Substituted Diethyl Malonates: Highly Selective Synthesis of $\hat{1}^2, \hat{1}^3$ -Unsaturated Enones. <i>ChemInform</i> , 2005, 36, no.	0.0	0
29	Sc(OTf) ₃ -Catalyzed Efficient Synthesis of $\hat{1}^2, \hat{1}^2$ -Bis(indolyl) Ketones (III) by the Double Indolylation of Acetic Acid 2-Methylene-3-oxobutyl Ester (I). <i>ChemInform</i> , 2005, 36, no.	0.0	0