

# Michel Stephan

## List of Publications by Year in descending order

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16  
papers

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citations

687363

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423  
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#	ARTICLE	IF	CITATIONS
1	<i>trans</i> -Diastereoselective Ru(II)-Catalyzed Asymmetric Transfer Hydrogenation of $\hat{\pm}$ -Acetamido Benzocyclic Ketones via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2019, 21, 3644-3648.	4.6	34
2	Modular 1,1'-Ferrocenediyl-cored <i>P</i> -Stereogenic Diphosphines: $\hat{\pm}$ -DayPhos Series and its Use in Rhodium(I)-Catalyzed Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2566-2570.	4.3	12
3	Stereopure Functionalized Benzosultams via Ruthenium(II)-Catalyzed Dynamic Kinetic Resolution-Asymmetric Transfer Hydrogenation. <i>Organic Letters</i> , 2017, 19, 2042-2045.	4.6	38
4	$\hat{\pm}$ -Sultam-cored N,N-ligands in the ruthenium( <i>sc</i> )-catalyzed asymmetric transfer hydrogenation of aryl ketones. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2112-2120.	2.8	37
5	<i>ansa</i> -Ruthenium(II) Complexes of $R_2NSO_2DPEN(CH_2)_n(\hat{\pm}$ -Aryl) Conjugate Ligands for Asymmetric Transfer Hydrogenation of Aryl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2540-2546.	4.3	52
6	Olefin Hydrogenation with Rigid Mono- <i>P</i> -Stereogenic Diphosphines: A Flexible Rhodium Ring to Rule Them All?. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2214-2225.	2.4	13
7	<i>ansa</i> -Ruthenium(II) Complexes of $DPENSO_2N(Me)(CH_2)_n(\hat{\pm}$ -Aryl) Conjugate Ligands for Asymmetric Transfer Hydrogenation of Aryl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3193-3198.	4.3	40
8	Practical Enantioselective Hydrogenation of $\hat{\pm}$ -Aryl- and $\hat{\pm}$ -Carboxyamidoethylenes by Rhodium(I)-{1,2-Bis[( <i>o</i> -tert-butoxyphenyl)(phenyl)phosphino]ethane}. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 594-600.	4.3	21
9	Profiling the tuneable R-SMS-Phos structure in the rhodium(i)-catalyzed hydrogenation of olefins: the last stand?. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5266.	2.8	23
10	Synthesis and Crystal Structures of $\hat{\pm}$ -Phenyl- and $\hat{\pm}$ -Trifluoromethyl- $\hat{\pm}$ -(2-pyridyl-N-oxide)ethanols and $\hat{\pm}$ -Phenyl- $\hat{\pm}$ -(2-pyridyl-N-oxide)ethylene. <i>Journal of Chemical Crystallography</i> , 2011, 41, 386-390.	1.1	1
11	Stereoselective synthesis of fluorine-containing analogues of anti-bacterial sanfetrinem and LK-157. <i>Tetrahedron</i> , 2010, 66, 4144-4149.	1.9	32
12	DiPAMP's Big Brother $\hat{\pm}$ - <i>P</i> -SMS-Phos Exhibits Exceptional Features Enhancing Rhodium(I)-Catalyzed Hydrogenation of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2779-2786.	4.3	50
13	Impact of Incorporating Substituents onto the <i>o</i> -Anisyl Groups of DiPAMP Ligand on the Rhodium(I)-Catalyzed Asymmetric Hydrogenation of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2024-2032.	4.3	36
14	Study of the Reaction of Bulky Aryllithium Reagents with 3,4-Dimethyl-2,5-diphenyl-1,3,2-oxazaphospholidine-2-borane Derived from Ephedrine. <i>Journal of Organic Chemistry</i> , 2007, 72, 8010-8018.	3.2	27
15	Highly Enantioselective Transfer Hydrogenation of Fluoroalkyl Ketones. <i>Organic Letters</i> , 2006, 8, 5935-5938.	4.6	93
16	Asymmetric Reduction of Ketones. , 0, , 87-159.		1