Michel Stephan

List of Publications by Year
in descending order

16	510	687363 13	996975 15
papers	citations	h-index	g-index

16	16	16	423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Enantioselective Transfer Hydrogenation of Fluoroalkyl Ketones. Organic Letters, 2006, 8, 5935-5938.	4.6	93
2	ansaâ€Ruthenium(II) Complexes of R₂NSO₂DPENâ€(CH₂)_n(Î·⁶â€Aryl) Conjugate Ligands for Asymmetric Transfer Hydrogenation of Aryl Ketones. Advanced Synthesis and Catalysis, 2015, 357, 2540-2546.	4.3	52
3	DiPAMPâ€™s Big Brother â€œiâ€Prâ€SMSâ€Phosâ€•Exhibits Exceptional Features Enhancing Rhodium(I)â€Catalyzed Hydrogenation of Olefins. Advanced Synthesis and Catalysis, 2009, 351, 2779-2786.	4.3	50
4	ansaâ€Ruthenium(II) Complexes of DPENâ€SO₂N(Me)(CH₂)_n(Î·⁶â€aryl) Conjugate Ligands for Asymmetric Transfer Hydrogenation of Aryl Ketones. Advanced Synthesis and Catalysis, 2014, 356, 3193-3198.	4.3	40
5	Stereopure Functionalized Benzosultams via Ruthenium(II)-Catalyzed Dynamic Kinetic Resolutionâ€“Asymmetric Transfer Hydrogenation. Organic Letters, 2017, 19, 2042-2045.	4.6	38
6	Î³-Sultam-cored N,N-ligands in the ruthenium(<scp>ii</scp>)-catalyzed asymmetric transfer hydrogenation of aryl ketones. Organic and Biomolecular Chemistry, 2016, 14, 2112-2120.	2.8	37
7	Impact of Incorporating Substituents onto the Pâ€oâ€Anisyl Groups of DiPAMP Ligand on the Rhodium(I)â€Catalyzed Asymmetric Hydrogenation of Olefins. Advanced Synthesis and Catalysis, 2008, 350, 2024-2032.	4.3	36
8	trans-Diastereoselective Ru(II)-Catalyzed Asymmetric Transfer Hydrogenation of Î±-Acetamido Benzocyclic Ketones via Dynamic Kinetic Resolution. Organic Letters, 2019, 21, 3644-3648.	4.6	34
9	Stereoselective synthesis of fluorine-containing analogues of anti-bacterial sanfetrinem and LK-157. Tetrahedron, 2010, 66, 4144-4149.	1.9	32
10	Study of the Reaction of Bulky Aryllithium Reagents with 3,4-Dimethyl-2,5-diphenyl-1,3,2-oxazaphospholidine-2-borane Derived from Ephedrine. Journal of Organic Chemistry, 2007, 72, 8010-8018.	3.2	27
11	Profiling the tuneable R-SMS-Phos structure in the rhodium(i)-catalyzed hydrogenation of olefins: the last stand?. Organic and Biomolecular Chemistry, 2011, 9, 5266.	2.8	23
12	Practical Enantioselective Hydrogenation of Î±â€Arylâ€•and Î±â€Carboxyamidoethylenes by Rhodium(I)â€{1,2â€Bis[(oâ€tertâ€butoxyphenyl)(phenyl)phosphino]ethane}. Advanced Synthesis and Catalysis, 2013, 355, 594-600.	4.3	21
13	Olefin Hydrogenation with Rigid Monoâ€Pâ€stereogenic Diphosphines: A Flexible Rhodium Ring to Rule Them All?. European Journal of Organic Chemistry, 2015, 2015, 2214-2225.	2.4	13
14	Modular 1,1â€²â€Ferrocenediylâ€cored Pâ€Stereogenic Diphosphines: â€²â€²JDayPhosâ€²â€² Series and its Use in Rhodium(I)â€Catalyzed Hydrogenation. Advanced Synthesis and Catalysis, 2018, 360, 2566-2570.	4.3	12
15	Synthesis and Crystal Structures of Î±-Phenyl- and Î±-Trifluoromethyl-Î±-(2-pyridyl-N-oxide)ethanols and Î±-Phenyl-Î±-(2-pyridyl-N-oxide)ethylene. Journal of Chemical Crystallography, 2011, 41, 386-390.	1.1	1
16	Asymmetric Reduction of Ketones. , 0, , 87-159.		1