

Nicklas Selander

List of Publications by Year in descending order

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33
papers

3,452
citations

236925

25
h-index

345221

36
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56
all docs

56
docs citations

56
times ranked

3410
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysis by Palladium Pincer Complexes. <i>Chemical Reviews</i> , 2011, 111, 2048-2076.	47.7	758
2	Catalytic amide formation from non-activated carboxylic acids and amines. <i>Chemical Society Reviews</i> , 2014, 43, 2714-2742.	38.1	504
3	Stereoselective 1,3-Insertions of Rhodium(II) Azavinyl Carbenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 195-202.	13.7	204
4	Divergent Iron-Catalyzed Coupling of <i>O</i> -Acylloximes with Silyl Enol Ethers. <i>Chemistry - A European Journal</i> , 2017, 23, 1779-1783.	3.3	167
5	Arylation of Rhodium(II) Azavinyl Carbenes with Boronic Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 14670-14673.	13.7	165
6	Direct Boronation of Allyl Alcohols with Diboronic Acid Using Palladium Pincer-Complex Catalysis. A Remarkably Facile Allylic Displacement of the Hydroxy Group under Mild Reaction Conditions. <i>Journal of the American Chemical Society</i> , 2006, 128, 4588-4589.	13.7	139
7	Ring Expansion and Rearrangements of Rhodium(II) Azavinyl Carbenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13054-13057.	13.8	127
8	Petasis Borono-Mannich Reaction and Allylation of Carbonyl Compounds via Transient Allyl Boronates Generated by Palladium-Catalyzed Substitution of Allyl Alcohols. An Efficient One-Pot Route to Stereodefined β -Amino Acids and Homoallyl Alcohols. <i>Journal of the American Chemical Society</i> , 2007, 129, 13723-13731.	13.7	125
9	Catalytic Allylic C-H Acetoxylation and Benzoyloxylation via Suggested (η^3 -Allyl)palladium(IV) Intermediates. <i>Organic Letters</i> , 2009, 11, 5518-5521.	4.6	113
10	Nickel-Catalyzed 1,2-Aminoarylation of Oxime Ester-Tethered Alkenes with Boronic Acids. <i>ACS Catalysis</i> , 2017, 7, 8441-8445.	11.2	105
11	Selective C-H Borylation of Alkenes by Palladium Pincer Complex Catalyzed Oxidative Functionalization. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4051-4053.	13.8	97
12	Catalytic Performance of Symmetrical and Unsymmetrical Sulfur-Containing Pincer Complexes: Synthesis and Tandem Catalytic Activity of the First PCS-Pincer Palladium Complex. <i>Chemistry - A European Journal</i> , 2008, 14, 4800-4809.	3.3	96
13	Palladium-Catalyzed Allylic C-OH Functionalization for Efficient Synthesis of Functionalized Allylsilanes. <i>Journal of the American Chemical Society</i> , 2011, 133, 409-411.	13.7	94
14	Pincer Complex-Catalyzed Redox Coupling of Alkenes with Iodonium Salts via Presumed Palladium(IV) Intermediates. <i>Organic Letters</i> , 2009, 11, 2852-2854.	4.6	88
15	Rhodium(II)-Catalyzed Asymmetric Sulfur(VI) Reduction of Diazo Sulfonylamidines. <i>Journal of the American Chemical Society</i> , 2012, 134, 2477-2480.	13.7	70
16	Synthesis and transformation of organoboronates and stannanes by pincer-complex catalysts. <i>Dalton Transactions</i> , 2009, , 6267.	3.3	58
17	Highly Selective and Robust Palladium-Catalyzed Carbon-Carbon Coupling between Allyl Alcohols and Aldehydes via Transient Allylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4085-4087.	2.4	51
18	Lewis Acid Catalyzed Annulation of Nitrones with Oxiranes, Aziridines, and Thiiranes. <i>Organic Letters</i> , 2015, 17, 4506-4509.	4.6	48

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19	Performance of SCS Palladium Pincer Complexes in Borylation of Allylic Alcohols. Control of the Regioselectivity in the One-Pot Borylation~Allylation Process. <i>Journal of Organic Chemistry</i> , 2009, 74, 5695-5698.	3.2	45
20	N-Trifluoromethylation of Nitrosoarenes with Sodium Triflinate. <i>Organic Letters</i> , 2017, 19, 2374-2377.	4.6	41
21	Diastereoselective Synthesis of Cyclopenta[<i>c</i>]furans by a Catalytic Multicomponent Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11863-11866.	13.8	40
22	<i>Para</i> -Selective Halogenation of Nitrosoarenes with Copper(II) Halides. <i>Organic Letters</i> , 2015, 17, 6210-6213.	4.6	35
23	Strategies for fine-tuning the catalytic activity of pincer-complexes. <i>Tetrahedron Letters</i> , 2006, 47, 8999-9001.	1.4	32
24	Single-pot triple catalytic transformations based on coupling of in situ generated allyl boronates with in situ hydrolyzed acetals. <i>Chemical Communications</i> , 2008, , 3420.	4.1	32
25	Indium(III)-Catalyzed Transformations of Alkynes: Recent Advances in Carbo- and Heterocyclization Reactions. <i>Synthesis</i> , 2017, 49, 4931-4941.	2.3	30
26	Diastereoselective Synthesis of Polycyclic Indolizines with 2-(2-Enynyl)pyridines and Enamines. <i>Organic Letters</i> , 2018, 20, 3691-3694.	4.6	28
27	Synthesis of Stereodefined Substituted Cycloalkenes by a One~Pot Catalytic Boronation~Allylation~Metathesis Sequence. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2045-2051.	4.3	21
28	A redox-economical synthesis of trifluoromethylated enamides with the Langlois reagent. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1771-1775.	2.8	21
29	Direct Synthesis of Functionalized Allylic Boronic Esters from Allylic Alcohols and Inexpensive Reagents and Catalysts. <i>Synthesis</i> , 2008, 2008, 2293-2297.	2.3	15
30	Diastereoselective Synthesis of Cyclopenta[<i>c</i>]furans by a Catalytic Multicomponent Reaction. <i>Angewandte Chemie</i> , 2016, 128, 12042-12045.	2.0	12
31	Stereoselective synthesis of bicyclo[3.n.1]alkenone frameworks by Lewis acid-catalysis. <i>Chemical Communications</i> , 2017, 53, 11353-11356.	4.1	9
32	Synthesis of Fluorinated Amide Derivatives via a Radical N-Perfluoroalkylation~Defluorination Pathway. <i>Organic Letters</i> , 2020, 22, 2791-2796.	4.6	7
33	Ni and Fe catalyzed cascade radical reactions of oxime esters with diselenides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3480-3485.	4.5	5