

Michael G Organ

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

10,294
citations

49
h-index

99
g-index

196
ext. papers

11,109
ext. citations

6.2
avg, IF

6.45
L-index

#	Paper	IF	Citations
157	Sampling and Analysis in Flow: The Keys to Smarter, More Controllable, and Sustainable Fine-Chemical Manufacturing. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20606-20626	16.4	9
156	Sampling and Analysis in Flow: The Keys to Smarter, More Controllable, and Sustainable Fine-Chemical Manufacturing. <i>Angewandte Chemie</i> , 2021 , 133, 20774-20794	3.6	2
155	(DiMeIHept)Pd: A Low-Load Catalyst for Solvent-Free (Melt) Amination. <i>Journal of Organic Chemistry</i> , 2021 , 86, 10343-10359	4.2	0
154	Sodium Butylated Hydroxytoluene: A Functional Group Tolerant, Eco-Friendly Base for Solvent-Free, Pd-Catalysed Amination. <i>Chemistry - A European Journal</i> , 2021 , 27, 12535-12539	4.8	1
153	Salt to Taste: The Critical Roles Played by Inorganic Salts in Organozinc Formation and in the Negishi Reaction. <i>Angewandte Chemie</i> , 2021 , 133, 12332-12349	3.6	1
152	Salt to Taste: The Critical Roles Played by Inorganic Salts in Organozinc Formation and in the Negishi Reaction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12224-12241	16.4	12
151	Experimental and Computational Study on the Anti-Markovnikov Hydrofunctionalization of Olefins Using Glycine-Extended AQ-Auxiliaries. <i>Chemistry - A European Journal</i> , 2021 , 27, 3855-3860	4.8	4
150	Obtaining Kinetics From Continuous Processes: Sampling Multiple Time Points Concurrently With a Single Valve Rotation. <i>Chemistry Methods</i> , 2021 , 1, 131-134		2
149	Intelligent Multidimensional Purity Analysis and Confirmation Tool for Multiple Attribute Analysis. <i>Analytical Chemistry</i> , 2021 , 93, 3905-3913	7.8	
148	Structural Insights into the Inhibition of Undecaprenyl Pyrophosphate Synthase from Gram-Positive Bacteria. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13540-13550	8.3	0
147	A Path to More Sustainable Catalysis: The Critical Role of LiBr in Avoiding Catalyst Death and its Impact on Cross-Coupling. <i>Chemistry - A European Journal</i> , 2020 , 26, 4861-4865	4.8	9
146	Discovery of an antivirulence compound that reverses β -lactam resistance in MRSA. <i>Nature Chemical Biology</i> , 2020 , 16, 143-149	11.7	34
145	The Synthesis of Warfarin Using a Reconfigurable-Reactor Platform Integrated to a Multiple-Variable Optimization Tool. <i>Chemistry - A European Journal</i> , 2020 , 26, 15505-15508	4.8	4
144	Murahashi Cross-Coupling at -78 °C: A One-Pot Procedure for Sequential C-C/C-C, C-C/C-N, and C-C/C-S Cross-Coupling of Bromo-Chloro-Arenes. <i>Chemistry - A European Journal</i> , 2019 , 25, 9180-9184	4.8	11
143	One-Pot Sequential Kumada-Tamao-Corriu Couplings of (Hetero)Aryl Polyhalides in the Presence of Grignard-Sensitive Functional Groups Using Pd-PEPPSI-IPent. <i>Chemistry - A European Journal</i> , 2019 , 25, 6508-6512	4.8	4
142	The Negishi Cross-Coupling Reaction 2019 , 1-62		2
141	The Role of LiBr and ZnBr on the Cross-Coupling of Aryl Bromides with Bu Zn or BuZnBr. <i>Chemistry - A European Journal</i> , 2019 , 25, 15751-15754	4.8	7

140	Sodium Butylated Hydroxytoluene (NaBHT) as a New and Efficient Hydride Source for Pd-Catalysed Reduction Reactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 13099-13103	4.8	1
139	Rate and Computational Studies for Pd-NHC-Catalyzed Amination with Primary Alkylamines and Secondary Anilines: Rationalizing Selectivity for Monoarylation versus Diarylation with NHC Ligands. <i>Chemistry - A European Journal</i> , 2019 , 25, 14223-14229	4.8	3
138	What Industrial Chemists Want Are Academics Giving It to Them?. <i>Organometallics</i> , 2019 , 38, 66-75	3.8	12
137	Flow Chemistry as a Drug Discovery Tool: A Medicinal Chemistry Perspective. <i>Topics in Heterocyclic Chemistry</i> , 2018 , 319-341	0.2	8
136	Pd-PEPPSI-IPent : A Useful Catalyst for the Coupling of 2-Aminopyridine Derivatives. <i>Chemistry - A European Journal</i> , 2017 , 23, 3206-3212	4.8	26
135	A Multiconfiguration Valve for Uninterrupted Sampling from Heterogeneous Slurries: An Application to Flow Chemistry. <i>Organic Process Research and Development</i> , 2017 , 21, 1051-1058	3.9	8
134	Selective Cross-Coupling of (Hetero)aryl Halides with Ammonia To Produce Primary Arylamines using Pd-NHC Complexes. <i>Organometallics</i> , 2017 , 36, 251-254	3.8	31
133	Pd-PEPPSI-IPentCl-Catalyzed Amination Using Aminotriphenylsilane as an Ammonia Surrogate. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1510-1513	3.2	5
132	Cross-Coupling of Primary Amides to Aryl and Heteroaryl Partners Using (DiMeIHept)Pd Promoted by Trialkylboranes or B(CF). <i>Journal of the American Chemical Society</i> , 2017 , 139, 18436-18439	16.4	24
131	Designing Pd-N-Heterocyclic Carbene Complexes for High Reactivity and Selectivity for Cross-Coupling Applications. <i>Accounts of Chemical Research</i> , 2017 , 50, 2244-2253	24.3	155
130	A General Protocol for the Broad-Spectrum Cross-Coupling of Nonactivated Sterically Hindered 1° and 2° Amines. <i>Organometallics</i> , 2017 , 36, 3573-3577	3.8	18
129	Pd-PEPPSI-IPent-SiO ₂ : A Supported Catalyst for Challenging Negishi Coupling Reactions in Flow. <i>Angewandte Chemie</i> , 2017 , 129, 13532-13535	3.6	11
128	Pd-PEPPSI-IPent-SiO : A Supported Catalyst for Challenging Negishi Coupling Reactions in Flow. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13347-13350	16.4	39
127	Process analytical tools for flow analysis: A perspective. <i>Journal of Flow Chemistry</i> , 2017 , 7, 82-86	3.3	32
126	N-Heteroarylation of Optically Pure β -Amino Esters using the Pd-PEPPSI-IPent -o-picoline Pre-Catalyst. <i>Chemistry - A European Journal</i> , 2016 , 22, 14860-14863	4.8	20
125	Using Anilines as Masked Cross-Coupling Partners: Design of a Telescoped Three-Step Flow Diazotization, Iododiazotization, Cross-Coupling Process. <i>Chemistry - A European Journal</i> , 2016 , 22, 17407-17415	4.8	22
124	Intelligent Continuous Collection Device for High-Pressure Flow Synthesis: Design and Implementation. <i>Organic Process Research and Development</i> , 2016 , 20, 517-524	3.9	9
123	Continuous flow Negishi cross-couplings employing silica-supported Pd-PEPPSIIPr precatalyst. <i>Catalysis Science and Technology</i> , 2016 , 6, 4733-4742	5.5	44

122	In situ generation and Diels-Alder reaction of benzyne derivatives with 5-membered ring heterocycles using a microcapillary flow reactor. <i>Journal of Flow Chemistry</i> , 2016 , 6, 293-296	3.3	7
121	trans-[1,3-Bis(2,6-Di-3-pentylphenyl)imidazol-2-ylidene](3-chloropyridyl)palladium(II) Dichloride (Pd-PEPPSITM-IPent) 2016 , 1-5		1
120	Pd-N-Heterocyclic Carbene Complexes in Cross-Coupling Applications 2016 , 134-175		7
119	A Single-Stage, Continuous High-Efficiency Extraction Device (HEED) for Flow Synthesis. <i>Organic Process Research and Development</i> , 2016 , 20, 1738-1743	3.9	14
118	Handling Hazards Using Continuous Flow Chemistry: Synthesis of N1-Aryl-[1,2,3]-triazoles from Anilines via Telescoped Three-Step Diazotization, Azidodediazotization, and [3 + 2] Dipolar Cycloaddition Processes. <i>Organic Process Research and Development</i> , 2016 , 20, 1967-1973	3.9	43
117	Pd-PEPPSI-IHept(Cl) : A General-Purpose, Highly Reactive Catalyst for the Selective Coupling of Secondary Alkyl Organozincs. <i>Chemistry - A European Journal</i> , 2016 , 22, 14531-4	4.8	42
116	Solvent choice and kinetic isotope effects (KIEs) dramatically alter regioselectivity in the directed ortho metalation (DoM) of 1,5-dichloro-2,4-dimethoxybenzene. <i>Chemistry - A European Journal</i> , 2015 , 21, 1888-93	4.8	4
115	Selective Monoarylation of Primary Amines Using the Pd-PEPPSI-IPentCl Precatalyst. <i>Angewandte Chemie</i> , 2015 , 127, 9643-9647	3.6	23
114	The Selective Cross-Coupling of Secondary Alkyl Zinc Reagents to Five-Membered-Ring Heterocycles Using Pd-PEPPSI-IHept(Cl). <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9502-6	16.4	63
113	The Selective Cross-Coupling of Secondary Alkyl Zinc Reagents to Five-Membered-Ring Heterocycles Using Pd-PEPPSI-IHeptCl. <i>Angewandte Chemie</i> , 2015 , 127, 9638-9642	3.6	33
112	Selective Monoarylation of Primary Amines Using the Pd-PEPPSI-IPent(Cl) Precatalyst. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9507-11	16.4	73
111	Carbon-Heteroatom Coupling Using Pd-PEPPSI Complexes. <i>Organic Process Research and Development</i> , 2014 , 18, 180-190	3.9	180
110	On the remarkably different role of salt in the cross-coupling of arylzincs from that seen with alkylzincs. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4386-9	16.4	91
109	Room-temperature amination of deactivated aniline and aryl halide partners with carbonate base using a Pd-PEPPSI-IPentCl-o-picoline catalyst. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3223-6	16.4	97
108	Multicomponent, flow diazotization/Mizoroki-Heck coupling protocol: dispelling myths about working with diazonium salts. <i>Chemistry - A European Journal</i> , 2014 , 20, 6603-7	4.8	40
107	A Continuous-Flow Microwave Reactor for Conducting High-Temperature and High-Pressure Chemical Reactions. <i>Organic Process Research and Development</i> , 2014 , 18, 1310-1314	3.9	54
106	A Flow Reactor with Inline Analytics: Design and Implementation. <i>Organic Process Research and Development</i> , 2014 , 18, 1315-1320	3.9	14
105	[(IPent)PdCl ₂ (morpholine)]: a readily activated precatalyst for room-temperature, additive-free carbon-sulfur coupling. <i>Chemistry - A European Journal</i> , 2014 , 20, 15790-8	4.8	48

104	On the hydrostannylation of aryl propargylic alcohols and their derivatives: remarkable differences in both regio- and stereoselectivity in radical- and nonradical-mediated transformations. <i>Chemistry - A European Journal</i> , 2014 , 20, 8579-83	4.8	13
103	On The Remarkably Different Role of Salt in the Cross-Coupling of Arylzincs From That Seen With Alkylzincs. <i>Angewandte Chemie</i> , 2014 , 126, 4475-4478	3.6	34
102	Room-Temperature Amination of Deactivated Aniline and Aryl Halide Partners with Carbonate Base Using a Pd-PEPPSI-IPentCl- o-Picoline Catalyst. <i>Angewandte Chemie</i> , 2014 , 126, 3287-3290	3.6	28
101	2,2PAzobis(2-methylpropionitrile)-mediated alkyne hydrostannylation: reaction mechanism. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11334-8	16.4	25
100	Pronounced solvent effect on the hydrostannylation of propargylic alcohol derivatives with nBu ₃ SnH/Et ₃ B at room temperature. <i>Chemistry - A European Journal</i> , 2013 , 19, 2615-8	4.8	13
99	Sulfination by using Pd-PEPPSI complexes: studies into precatalyst activation, cationic and solvent effects and the role of butoxide base. <i>Chemistry - A European Journal</i> , 2013 , 19, 2749-56	4.8	53
98	Pd-PEPPSI-IPent(Cl): an effective catalyst for the preparation of triaryl amines. <i>Chemistry - A European Journal</i> , 2013 , 19, 843-5	4.8	64
97	Potassium isopropoxide: for sulfination it is the only base you need!. <i>Chemistry - A European Journal</i> , 2013 , 19, 16196-9	4.8	47
96	2,2'-Azobis(2-methylpropionitrile)-Mediated Alkyne Hydrostannylation: Reaction Mechanism. <i>Angewandte Chemie</i> , 2013 , 125, 11544-11548	3.6	8
95	Amination with Pd-NHC complexes: rate and computational studies involving substituted aniline substrates. <i>Chemistry - A European Journal</i> , 2012 , 18, 145-51	4.8	93
94	Potassium 2,2,5,7,8-pentamethylchroman-6-oxide: a rationally designed base for Pd-catalysed amination. <i>Chemistry - A European Journal</i> , 2012 , 18, 804-7	4.8	45
93	Iodolactonization: Synthesis, Stereocontrol, and Compatibility Studies. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 175-182	3.2	15
92	Highly stereo- and regioselective hydrostannylation of internal alkynes promoted by simple boric acid in air. <i>Chemistry - A European Journal</i> , 2012 , 18, 10821-4	4.8	14
91	Synthesis of a unique isoindoline/tetrahydroisoquinoline-based tricyclic sultam library utilizing a Heck-aza-Michael strategy. <i>ACS Combinatorial Science</i> , 2012 , 14, 211-7	3.9	37
90	Pd-PEPPSI-IPentCl: A Highly Effective Catalyst for the Selective Cross-Coupling of Secondary Organozinc Reagents. <i>Angewandte Chemie</i> , 2012 , 124, 11516-11519	3.6	49
89	Pd-PEPPSI-IPent(Cl): a highly effective catalyst for the selective cross-coupling of secondary organozinc reagents. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11354-7	16.4	134
88	Automated synthesis of a library of triazolated 1,2,5-thiadiazepane 1,1-dioxides via a double aza-Michael strategy. <i>ACS Combinatorial Science</i> , 2012 , 14, 456-9	3.9	14
87	Facile (triazolyl)methylation of MACOS-derived benzofused sultams utilizing ROMP-derived OTP reagents. <i>ACS Combinatorial Science</i> , 2012 , 14, 268-72	3.9	18

86	Sterically demanding imidazolium salts through the activation and cyclization of formamides. <i>Chemical Communications</i> , 2012 , 48, 10352-4	5.8	13
85	Regioselective cross-coupling of allylboronic acid pinacol ester derivatives with aryl halides via Pd-PEPPSI-IPent. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17470-3	16.4	106
84	Studies on the Mechanism of B(C ₆ F ₅) ₃ -Catalyzed Hydrostannylation of Propargylic Alcohol Derivatives. <i>Angewandte Chemie</i> , 2012 , 124, 9972-9975	3.6	13
83	Studies on the mechanism of B(C ₆ F ₅) ₃ -catalyzed hydrostannylation of propargylic alcohol derivatives. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9834-7	16.4	29
82	Die Entwicklung raumerfüllender Palladium-NHC-Komplexe für anspruchsvollste Kreuzkupplungsreaktionen. <i>Angewandte Chemie</i> , 2012 , 124, 3370-3388	3.6	145
81	Higher-Order Zincates as Transmetalators in Alkyl-Alkyl Negishi Cross-Coupling. <i>Angewandte Chemie</i> , 2012 , 124, 7130-7133	3.6	26
80	The development of bulky palladium NHC complexes for the most-challenging cross-coupling reactions. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3314-32	16.4	702
79	Higher-order zincates as transmetalators in alkyl-alkyl negishi cross-coupling. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7024-7	16.4	79
78	Kinetic versus thermodynamic stereoselectivity in the hydrostannylation of propargylic alcohol derivatives using AIBN and Et ₃ B as promoters. <i>Chemistry - A European Journal</i> , 2012 , 18, 10817-20	4.8	11
77	Synthesis of an Isoindoline-Annulated, Tricyclic Sultam Library via Microwave-Assisted, Continuous-Flow Organic Synthesis (MACOS). <i>Synthesis</i> , 2012 , 44,	2.9	22
76	Multicapillary Flow Reactor: Synthesis of 1,2,5-Thiadiazepane 1,1-Dioxide Library Utilizing One-Pot Elimination and Inter-/Intramolecular Double aza-Michael Addition Via Microwave-Assisted, Continuous-Flow Organic Synthesis (MACOS). <i>Journal of Flow Chemistry</i> , 2012 , 2,	3.3	14
75	Accessing Stereochemically Rich Sultams via Microwave-Assisted, Continuous Flow Organic Synthesis (MACOS) Scale-out. <i>Journal of Flow Chemistry</i> , 2011 , 1, 32-39	3.3	25
74	The Contemporary Suzuki-Miyaura Reaction 2011 , 213-262		25
73	Negishi cross-coupling of secondary alkylzinc halides with aryl/heteroaryl halides using Pd-PEPPSI-IPent. <i>Chemical Communications</i> , 2011 , 47, 5181-3	5.8	102
72	Application of a Double Aza-Michael Reaction in a Click, Click, Cy-Click Strategy: From Bench to Flow. <i>Synthesis</i> , 2011 , 2011, 2743-2750	2.9	15
71	Catalysis and Multi-Component Reactions. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 1-29	3.6	
70	The Synthesis of Stereodefined Trisubstituted Olefins From Olefin Templates Using Pd Catalysis - Synthesis of the Antihypertensive Isbogrel. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5374-5382	3.2	2
69	Differentiating C-Br and C-Cl Bond Activation by Using Solvent Polarity: Applications to Orthogonal Alkyl-Alkyl Negishi Reactions. <i>Angewandte Chemie</i> , 2011 , 123, 3982-3985	3.6	27

68	Differentiating C-Br and C-Cl bond activation by using solvent polarity: applications to orthogonal alkyl-alkyl Negishi reactions. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3896-9	16.4	57
67	Amination with Pd-NHC complexes: rate and computational studies on the effects of the oxidative addition partner. <i>Chemistry - A European Journal</i> , 2011 , 17, 3086-90	4.8	111
66	In situ generation and intramolecular Schmidt reaction of keto azides in a microwave-assisted flow format. <i>Chemistry - A European Journal</i> , 2011 , 17, 9595-8	4.8	26
65	Identification of a higher-order organozincate intermediate involved in Negishi cross-coupling reactions by mass spectrometry and NMR spectroscopy. <i>Chemistry - A European Journal</i> , 2011 , 17, 7845-51	4.8	58
64	Carbon-sulfur bond formation of challenging substrates at low temperature by using Pd-PEPPSI-IPent. <i>Chemistry - A European Journal</i> , 2011 , 17, 11719-22	4.8	112
63	Inside Cover: Identification of a Higher-Order Organozincate Intermediate Involved in Negishi Cross-Coupling Reactions by Mass Spectrometry and NMR Spectroscopy (Chem. Eur. J. 28/2011). <i>Chemistry - A European Journal</i> , 2011 , 17, 7706-7706	4.8	
62	Synthesis of amino-benzothiazepine-1,1-dioxides utilizing a microwave-assisted, S(N)Ar protocol. <i>ACS Combinatorial Science</i> , 2011 , 13, 653-8	3.9	10
61	On the role of additives in alkyl-alkyl Negishi cross-couplings. <i>Chemical Communications</i> , 2010 , 46, 4109-13	4.8	95
60	Panning for gold in a hot flowing stream 2010 , 43, 105-113		7
59	Pd-PEPPSI Complexes and the Negishi Reaction. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4343-4354	4.8	191
58	Propargyl amine synthesis catalysed by gold and copper thin films by using microwave-assisted continuous-flow organic synthesis (MACOS). <i>Chemistry - A European Journal</i> , 2010 , 16, 126-33	4.8	106
57	An efficient low-temperature Stille-Migita cross-coupling reaction for heteroaromatic compounds by Pd-PEPPSI-IPent. <i>Chemistry - A European Journal</i> , 2010 , 16, 4279-83	4.8	87
56	Inside Cover: Propargyl Amine Synthesis Catalysed by Gold and Copper Thin Films by Using Microwave-Assisted Continuous-Flow Organic Synthesis (MACOS) (Chem. Eur. J. 1/2010). <i>Chemistry - A European Journal</i> , 2010 , 16, 2-2	4.8	
55	Structure-activity relationship analysis of Pd-PEPPSI complexes in cross-couplings: a close inspection of the catalytic cycle and the precatalyst activation model. <i>Chemistry - A European Journal</i> , 2010 , 16, 10844-53	4.8	202
54	Scaling out by microwave-assisted, continuous flow organic synthesis (MACOS): multi-gram synthesis of bromo- and fluoro-benzofused sultams benzthiazepine-1,1-dioxides. <i>Chemistry - A European Journal</i> , 2010 , 16, 10959-62	4.8	64
53	The development of a general strategy for the synthesis of tyramine-based natural products by using continuous flow techniques. <i>Chemistry - A European Journal</i> , 2010 , 16, 12797-800	4.8	27
52	Pd-PEPPSI-IPent: low-temperature negishi cross-coupling for the preparation of highly functionalized, tetra-ortho-substituted biaryls. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2014-7	16.4	147
51	Gold film-catalysed benzannulation by microwave-assisted, continuous flow organic synthesis (MACOS). <i>Beilstein Journal of Organic Chemistry</i> , 2009 , 5, 35	2.5	34

50	Density functional theory investigation of the alkyl-alkyl Negishi cross-coupling reaction catalyzed by N-heterocyclic carbene (NHC)-Pd complexes. <i>Chemistry - A European Journal</i> , 2009 , 15, 4281-8	4.8	79
49	Pd-PEPPSI-IPent: an active, sterically demanding cross-coupling catalyst and its application in the synthesis of tetra-ortho-substituted biaryls. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2383-7	16.4	311
48	High yielding alkylations of unactivated sp ³ and sp ² centres with alkyl-9-BBN reagents using an NHC-based catalyst: Pd-PEPPSI-IPrf. <i>Chemical Communications</i> , 2008 , 735-7	5.8	83
47	Diels-Alder cycloadditions by microwave-assisted, continuous flow organic synthesis (MACOS): the role of metal films in the flow tube. <i>Chemical Communications</i> , 2008 , 838-40	5.8	50
46	Formation of substituted pyrroles via an imine condensation/Aza-Claisen rearrangement/imine-allene cyclization process by MAOS. <i>ACS Combinatorial Science</i> , 2008 , 10, 142-7		36
45	Pd-NHC (PEPPSI) Complexes: Synthetic Utility and Computational Studies into Their Reactivity. <i>Synthesis</i> , 2008 , 2008, 2776-2797	2.9	174
44	Pd PEPPSI-IPr-mediated reactions in metal-coated capillaries under MACOS: the synthesis of indoles by sequential aryl amination/Heck coupling. <i>Chemistry - A European Journal</i> , 2008 , 14, 1351-6	4.8	95
43	Pd-catalyzed aryl amination mediated by well defined, N-heterocyclic carbene (NHC)-Pd precatalysts, PEPPSI. <i>Chemistry - A European Journal</i> , 2008 , 14, 2443-52	4.8	197
42	Assessing synthetic strategies: total syntheses of (+/-)-neodolabellane-type diterpenoids. <i>Chemistry - A European Journal</i> , 2008 , 14, 8239-45	4.8	9
41	Gold-film-catalysed hydrosilylation of alkynes by microwave-assisted, continuous-flow organic synthesis (MACOS). <i>Chemistry - A European Journal</i> , 2008 , 14, 9641-6	4.8	48
40	Multicomponent reactions to form heterocycles by microwave-assisted continuous flow organic synthesis. <i>ACS Combinatorial Science</i> , 2007 , 9, 14-6		104
39	Biaryls made easy: PEPPSI and the Kumada-Tamao-Corriu reaction. <i>Chemistry - A European Journal</i> , 2007 , 13, 150-7	4.8	210
38	Palladium complexes of N-heterocyclic carbenes as catalysts for cross-coupling reactions--a synthetic chemist's perspective. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2768-813	16.4	1411
37	A user-friendly, all-purpose Pd-NHC (NHC=N-heterocyclic carbene) precatalyst for the Negishi reaction: a step towards a universal cross-coupling catalyst. <i>Chemistry - A European Journal</i> , 2006 , 12, 4749-55	4.8	386
36	Easily prepared air- and moisture-stable Pd-NHC (NHC=N-heterocyclic carbene) complexes: a reliable, user-friendly, highly active palladium precatalyst for the Suzuki-Miyaura reaction. <i>Chemistry - A European Journal</i> , 2006 , 12, 4743-8	4.8	631
35	Catalysis in capillaries by Pd thin films using microwave-assisted continuous-flow organic synthesis (MACOS). <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2761-6	16.4	157
34	Catalysis in Capillaries by Pd Thin Films Using Microwave-Assisted Continuous-Flow Organic Synthesis (MACOS). <i>Angewandte Chemie</i> , 2006 , 118, 2827-2832	3.6	66
33	A microreactor for microwave-assisted capillary (continuous flow) organic synthesis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8160-7	16.4	240

32	The first Negishi cross-coupling reaction of two alkyl centers utilizing a Pd-N-heterocyclic carbene (NHC) catalyst. <i>Organic Letters</i> , 2005 , 7, 3805-7	6.2	139
31	Towards the rational design of palladium-N-heterocyclic carbene catalysts by a combined experimental and computational approach. <i>Tetrahedron</i> , 2005 , 61, 9723-9735	2.4	108
30	Electronic nature of N-heterocyclic carbene ligands: effect on the Suzuki reaction. <i>Organic Letters</i> , 2005 , 7, 1991-4	6.2	162
29	A microcapillary system for simultaneous, parallel microwave-assisted synthesis. <i>Chemistry - A European Journal</i> , 2005 , 11, 7223-7	4.8	100
28	Room-temperature Negishi cross-coupling of unactivated alkyl bromides with alkyl organozinc reagents utilizing a Pd/N-heterocyclic carbene catalyst. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8503-7	4.2	96
27	The effect of vicinyl olefinic halogens on cross-coupling reactions using Pd(0) catalysis. <i>Tetrahedron</i> , 2004 , 60, 9453-9461	2.4	34
26	Use of olefin templates in queued chemical transformations using late transition metal catalysis. Total synthesis of cis and trans bupleurynol via a single multireaction sequence. <i>Organic Letters</i> , 2004 , 6, 2913-6	6.2	26
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