

Bruce H Lipshutz

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.

207
papers

11,966
citations

67
h-index

101
g-index

210
ext. papers

13,642
ext. citations

9
avg. IF

7.02
L-index

#	Paper	IF	Citations
207	Lipase-catalyzed esterification in water enabled by nanomicelles. Applications to 1-pot multi-step sequences. <i>Chemical Science</i> , 2022 , 13, 1440-1445	9.4	7
206	Dehydration of primary amides to nitriles in water. Late-stage functionalization and 1-pot multistep chemoenzymatic processes under micellar catalysis conditions. <i>Green Chemistry</i> , 2022 , 24, 2853-2858	10	3
205	Surfactant Assemblies as Nanoreactors for Organic Transformations 2022 , 467-487		1
204	Nanomicelle-enhanced, asymmetric ERED-catalyzed reductions of activated olefins. Applications to 1-pot chemo- and bio-catalysis sequences in water. <i>Chemical Communications</i> , 2021 , 57, 11847-11850	5.8	12
203	High Turnover Pd/C Catalyst for Nitro Group Reductions in Water. One-Pot Sequences and Syntheses of Pharmaceutical Intermediates. <i>Organic Letters</i> , 2021 , 23, 8114-8118	6.2	3
202	Copper-Catalyzed Asymmetric Reductions of Aryl/Heteroaryl Ketones under Mild Aqueous Micellar Conditions. <i>Organic Letters</i> , 2021 , 23, 3282-3286	6.2	5
201	Illuminating a Path4914. Copyright 2016 Wiley for Organic Synthesis Towards Sustainability. No One Said It Would Be Easy <i>Synlett</i> , 2021 , 32, 1588-1605	2.2	7
200	TPG-lite A new, simplified Designer Surfactant for general use in synthesis under micellar catalysis conditions in recyclable water. <i>Tetrahedron</i> , 2021 , 87, 132090	2.4	7
199	Safe, Scalable, Inexpensive, and Mild Nickel-Catalyzed Migita-Like C-S Cross-Couplings in Recyclable Water. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3708-3713	16.4	14
198	Mild and Robust Stille Reactions in Water using Parts Per Million Levels of a Triphenylphosphine-Based Palladacycle. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4158-4163	16.4	7
197	Mild and Robust Stille Reactions in Water using Parts Per Million Levels of a Triphenylphosphine-Based Palladacycle. <i>Angewandte Chemie</i> , 2021 , 133, 4204-4209	3.6	0
196	Safe, Scalable, Inexpensive, and Mild Nickel-Catalyzed Migita-Like C-S Cross-Couplings in Recyclable Water. <i>Angewandte Chemie</i> , 2021 , 133, 3752-3757	3.6	3
195	Late-stage Pd-catalyzed Cyanations of Aryl/Heteroaryl Halides in Aqueous Micellar Media. <i>ChemCatChem</i> , 2021 , 13, 212-216	5.2	7
194	Arylation of (hetero)aryl ketones in aqueous surfactant media. <i>Green Chemistry</i> , 2021 , 23, 4858-4865	10	6
193	Water as the reaction medium in organic chemistry: from our worst enemy to our best friend. <i>Chemical Science</i> , 2021 , 12, 4237-4266	9.4	71
192	Water-Sculpting of a Heterogeneous Nanoparticle Precatalyst for Mizoroki-Heck Couplings under Aqueous Micellar Catalysis Conditions. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3373-3382	16.4	18
191	Bisulfite Addition Compounds as Substrates for Reductive Aminations in Water. <i>Organic Letters</i> , 2021 , 23, 7205-7208	6.2	2

190	Sustainable routes to amines in recyclable water using ppm Pd catalysis. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 31, 100493	7.9	3
189	NPhos - an easily made, highly effective ligand designed for ppm level Pd-catalyzed Suzuki-Miyaura cross couplings in water. <i>Chemical Science</i> , 2020 , 11, 5205-5212	9.4	16
188	Continuous flow Suzuki-Miyaura couplings in water under micellar conditions in a CSTR cascade catalyzed by Fe/ppm Pd nanoparticles. <i>Green Chemistry</i> , 2020 , 22, 3441-3444	10	13
187	Sustainable and Cost-Effective Suzuki-Miyaura Couplings toward the Key Biaryl Subunits of Arylex and Rinskor Active. <i>Organic Letters</i> , 2020 , 22, 4823-4827	6.2	15
186	Nickel Nanoparticle Catalyzed Mono- and Di-Reductions of gem-Dibromocyclopropanes Under Mild, Aqueous Micellar Conditions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17587-17593	16.4	4
185	Sustainable Palladium-Catalyzed Tsuji-Trost Reactions Enabled by Aqueous Micellar Catalysis. <i>Organic Letters</i> , 2020 , 22, 4949-4954	6.2	8
184	Nickel Nanoparticle Catalyzed Mono- and Di-Reductions of gem-Dibromocyclopropanes Under Mild, Aqueous Micellar Conditions. <i>Angewandte Chemie</i> , 2020 , 132, 17740-17746	3.6	2
183	Recent advances in Cu-catalyzed C(sp)-Si and C(sp)-B bond formation. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 691-737	2.5	6
182	Earth-Abundant and Precious Metal Nanoparticle Catalysis. <i>Topics in Organometallic Chemistry</i> , 2020 , 77-129	0.6	1
181	A Sustainable 1-Pot, 3-Step Synthesis of Boscalid Using Part per Million Level Pd Catalysis in Water. <i>Organic Process Research and Development</i> , 2020 , 24, 101-105	3.9	20
180	Surfactant Technology: With New Rules, Designing New Sequences Is Required!. <i>Organic Process Research and Development</i> , 2020 , 24, 841-849	3.9	24
179	One-Pot Synthesis of Indoles and Pyrazoles via Pd-Catalyzed Couplings/Cyclizations Enabled by Aqueous Micellar Catalysis. <i>Organic Letters</i> , 2020 , 22, 6543-6546	6.2	6
178	Chemoselective Reductive Aminations in Aqueous Nanoreactors Using Parts per Million Level Pd/C Catalysis. <i>Organic Letters</i> , 2020 , 22, 6324-6329	6.2	19
177	Environmentally responsible, safe, and chemoselective catalytic hydrogenation of olefins: ppm level Pd catalysis in recyclable water at room temperature. <i>Green Chemistry</i> , 2020 , 22, 6055-6061	10	21
176	Atroposelective Total Synthesis of the Fourfold ortho-Substituted Naphthyltetrahydroisoquinoline Biaryl O,N-Dimethylhamatine. <i>Chemistry - A European Journal</i> , 2019 , 25, 14237-14245	4.8	7
175	Discovery-Based S _N Ar Experiment in Water Using Micellar Catalysis. <i>Journal of Chemical Education</i> , 2019 , 96, 2668-2671	2.4	4
174	Fe-Catalyzed Reductive Couplings of Terminal (Hetero)Aryl Alkenes and Alkyl Halides under Aqueous Micellar Conditions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17117-17124	16.4	27
173	ppm Pd-catalyzed, Cu-free Sonogashira couplings in water using commercially available catalyst precursors. <i>Chemical Science</i> , 2019 , 10, 3481-3485	9.4	32

172	MC-1. A Designer Surfactant engineered for peptide synthesis in water at room temperature. <i>Green Chemistry</i> , 2019 , 21, 2610-2614	10	25
171	Bridging the gap between transition metal- and bio-catalysis via aqueous micellar catalysis. <i>Nature Communications</i> , 2019 , 10, 2169	17.4	89
170	Synthetic chemistry in water: applications to peptide synthesis and nitro-group reductions. <i>Nature Protocols</i> , 2019 , 14, 1108-1129	18.8	18
169	Coolade. A Low-Foaming Surfactant for Organic Synthesis in Water. <i>ChemSusChem</i> , 2019 , 12, 3159-3165	8.3	21
168	A new, palladacycle for ppm level Pd-catalyzed Suzuki-Miyaura cross couplings in water. <i>Chemical Science</i> , 2019 , 10, 8825-8831	9.4	41
167	Synergistic Effects of ppm Levels of Palladium on Natural Clinochlore for Reduction of Nitroarenes. <i>ChemSusChem</i> , 2019 , 12, 4240-4248	8.3	11
166	Selective Deprotection of the Diphenylmethylsilyl (DPMS) Hydroxyl Protecting Group under Environmentally Responsible, Aqueous Conditions. <i>ChemCatChem</i> , 2019 , 11, 5743-5747	5.2	1
165	Sonogashira Couplings Catalyzed by Fe Nanoparticles Containing ppm Levels of Reusable Pd, under Mild Aqueous Micellar Conditions. <i>ACS Catalysis</i> , 2019 , 9, 2423-2431	13.1	52
164	N,C-Disubstituted Biaryl palladacycles as Precatalysts for ppm Pd-Catalyzed Cross Couplings in Water under Mild Conditions. <i>ACS Catalysis</i> , 2019 , 9, 11647-11657	13.1	27
163	An environmentally responsible 3-pot, 5-step synthesis of the antitumor agent sonidegib using ppm levels of Pd catalysis in water. <i>Green Chemistry</i> , 2019 , 21, 6258-6262	10	21
162	Sustainable ppm level palladium-catalyzed aminations in nanoreactors under mild, aqueous conditions. <i>Chemical Science</i> , 2019 , 10, 10556-10561	9.4	27
161	The Hydrophobic Effect Applied to Organic Synthesis: Recent Synthetic Chemistry "in Water". <i>Chemistry - A European Journal</i> , 2018 , 24, 6672-6695	4.8	176
160	Structure of Nanoparticles Derived from Designer Surfactant TPGS-750-M in Water, As Used in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2018 , 24, 6778-6786	4.8	53
159	PQS-enabled visible-light iridium photoredox catalysis in water at room temperature. <i>Green Chemistry</i> , 2018 , 20, 1233-1237	10	51
158	Sustainable HandaPhos-ppm Palladium Technology for Copper-Free Sonogashira Couplings in Water under Mild Conditions. <i>Organic Letters</i> , 2018 , 20, 542-545	6.2	47
157	Synthesis of Functionalized 1,3-Butadienes via Pd-Catalyzed Cross-Couplings of Substituted Allenic Esters in Water at Room Temperature. <i>Organic Letters</i> , 2018 , 20, 4719-4722	6.2	13
156	Chemistry Takes a Bath: Reactions in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7319-7322	4.2	65
155	Frontispiece: The Hydrophobic Effect Applied to Organic Synthesis: Recent Synthetic Chemistry in Water. <i>Chemistry - A European Journal</i> , 2018 , 24,	4.8	1

154	B-Alkyl sp-sp Suzuki-Miyaura Couplings under Mild Aqueous Micellar Conditions. <i>Organic Letters</i> , 2018 , 20, 2902-2905	6.2	23
153	Copper-Catalyzed Oxidative Cleavage of Electron-Rich Olefins in Water at Room Temperature. <i>Organic Letters</i> , 2018 , 20, 5094-5097	6.2	28
152	Synergistic effects in Fe nanoparticles doped with ppm levels of (Pd + Ni). A new catalyst for sustainable nitro group reductions. <i>Green Chemistry</i> , 2018 , 20, 130-135	10	47
151	Synthetic chemistry in a water world. New rules ripe for discovery. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018 , 11, 1-8	7.9	58
150	Catalyst: Imagine Doing Chemistry at No Cost to the Environment!. <i>Chem</i> , 2018 , 4, 2004-2007	16.2	20
149	Organometallic Processes in Water. <i>Topics in Organometallic Chemistry</i> , 2018 , 199-216	0.6	5
148	EvanPhos: a ligand for ppm level Pd-catalyzed Suzuki-Miyaura couplings in either organic solvent or water. <i>Green Chemistry</i> , 2018 , 20, 3436-3443	10	33
147	SNAr Reactions in Aqueous Nanomicelles: From Milligrams to Grams with No Dipolar Aprotic Solvents Needed. <i>Organic Process Research and Development</i> , 2017 , 21, 218-221	3.9	30
146	Control of Chemo-, Regio-, and Enantioselectivity in Copper Hydride Reductions of Morita-Baylis-Hillman Adducts. <i>Organic Letters</i> , 2017 , 19, 328-331	6.2	7
145	Sustainable and Scalable Fe/ppm Pd Nanoparticle Nitro Group Reductions in Water at Room Temperature. <i>Organic Process Research and Development</i> , 2017 , 21, 247-252	3.9	32
144	Synthesis of Functionalized [3], [4], [5] and [6]Dendralenes through Palladium-Catalyzed Cross-Couplings of Substituted Allenolates. <i>Angewandte Chemie</i> , 2017 , 129, 865-868	3.6	9
143	Fe/ppm Cu nanoparticles as a recyclable catalyst for click reactions in water at room temperature. <i>Green Chemistry</i> , 2017 , 19, 2506-2509	10	27
142	When Does Organic Chemistry Follow Nature's Lead and "Make the Switch"?. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2806-2816	4.2	78
141	Synthesis of Functionalized [3], [4], [5] and [6]Dendralenes through Palladium-Catalyzed Cross-Couplings of Substituted Allenolates. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 847-850	16.4	25
140	Effects of Co-solvents on Reactions Run under Micellar Catalysis Conditions. <i>Organic Letters</i> , 2017 , 19, 194-197	6.2	67
139	The Nano-to-Nano Effect Applied to Organic Synthesis in Water. <i>Johnson Matthey Technology Review</i> , 2017 , 61, 196-202	2.5	25
138	Micellar catalysis-enabled sustainable ppm Au-catalyzed reactions in water at room temperature. <i>Chemical Science</i> , 2017 , 8, 6354-6358	9.4	38
137	Tandem deprotection/coupling for peptide synthesis in water at room temperature. <i>Green Chemistry</i> , 2017 , 19, 4263-4267	10	35

136	Carbonyl Iron Powder: A Reagent for Nitro Group Reductions under Aqueous Micellar Catalysis Conditions. <i>Organic Letters</i> , 2017 , 19, 6518-6521	6.2	40
135	A Micellar Catalysis Strategy for Suzuki-Miyaura Cross-Couplings of 2-Pyridyl MIDA Boronates: No Copper, in Water, Very Mild Conditions. <i>ACS Catalysis</i> , 2017 , 7, 8331-8337	13.1	44
134	Evolution of Solvents in Organic Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 5838-5849	14.9	142
133	Synergistic and Selective Copper/ppm Pd-Catalyzed Suzuki-Miyaura Couplings: In Water, Mild Conditions, with Recycling. <i>ACS Catalysis</i> , 2016 , 6, 8179-8183	13.1	49
132	HandaPhos: A General Ligand Enabling Sustainable ppm Levels of Palladium-Catalyzed Cross-Couplings in Water at Room Temperature. <i>Angewandte Chemie</i> , 2016 , 128, 4998-5002	3.6	17
131	Cationic Pd(II)-catalyzed C-H activation/cross-coupling reactions at room temperature: synthetic and mechanistic studies. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1040-64	2.5	26
130	Safe and Selective Nitro Group Reductions Catalyzed by Sustainable and Recyclable Fe/ppm Pd Nanoparticles in Water at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8979-83	16.4	94
129	Safe and Selective Nitro Group Reductions Catalyzed by Sustainable and Recyclable Fe/ppm Pd Nanoparticles in Water at Room Temperature. <i>Angewandte Chemie</i> , 2016 , 128, 9125-9129	3.6	20
128	HandaPhos: A General Ligand Enabling Sustainable ppm Levels of Palladium-Catalyzed Cross-Couplings in Water at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4914-8	16.4	106
127	Kumada-Grignard-type biaryl couplings on water. <i>Nature Communications</i> , 2015 , 6, 7401	17.4	27
126	Amide and Peptide Bond Formation in Water at Room Temperature. <i>Organic Letters</i> , 2015 , 17, 3968-71	6.2	88
125	Reductions of aryl bromides in water at room temperature. <i>Tetrahedron Letters</i> , 2015 , 56, 3608-3611	2	11
124	High-performance mussel-inspired adhesives of reduced complexity. <i>Nature Communications</i> , 2015 , 6, 8663	17.4	186
123	Nucleophilic Aromatic Substitution Reactions in Water Enabled by Micellar Catalysis. <i>Organic Letters</i> , 2015 , 17, 4734-7	6.2	85
122	Sustainable Fe-ppm Pd nanoparticle catalysis of Suzuki-Miyaura cross-couplings in water. <i>Science</i> , 2015 , 349, 1087-91	33.3	202
121	Nanonickel-Catalyzed Suzuki-Miyaura Cross-Couplings in Water. <i>Angewandte Chemie</i> , 2015 , 127, 12162-12166	13.66	16
120	Nanonickel-catalyzed Suzuki-Miyaura cross-couplings in water. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11994-8	16.4	76
119	Dehalogenation of Functionalized Alkyl Halides in Water at Room Temperature. <i>Green Chemistry</i> , 2015 , 2015, 307	10	33

118	Ligand-free, palladium-catalyzed dihydrogen generation from TMDs: dehalogenation of aryl halides on water. <i>Organic Letters</i> , 2015 , 17, 1122-5	6.2	42
117	Trifluoromethylation of Heterocycles in Water at Room Temperature. <i>Green Chemistry</i> , 2014 , 16, 1097-1100		61
116	Olefin Metathesis in Water and Aqueous Media 2014 , 515-521		9
115	Aerobic oxidation in nanomicelles of aryl alkynes, in water at room temperature. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3432-5	16.4	121
114	Aerobic Oxidation in Nanomicelles of Aryl Alkynes, in Water at Room Temperature. <i>Angewandte Chemie</i> , 2014 , 126, 3500-3503	3.6	30
113	Chemoselective reductions of nitroaromatics in water at room temperature. <i>Organic Letters</i> , 2014 , 16, 98-101	6.2	89
112	"Nok": a phytosterol-based amphiphile enabling transition-metal-catalyzed couplings in water at room temperature. <i>Journal of Organic Chemistry</i> , 2014 , 79, 888-900	4.2	121
111	Leveraging the micellar effect: gold-catalyzed dehydrative cyclizations in water at room temperature. <i>Organic Letters</i> , 2014 , 16, 724-6	6.2	69
110	Installation of protected ammonia equivalents onto aromatic & heteroaromatic rings in water enabled by micellar catalysis. <i>Green Chemistry</i> , 2014 , 16, 1480-1488	10	33
109	CuH in Asymmetric Reductions 2014 , 179-202		11
108	Transitioning organic synthesis from organic solvents to water. What's E Factor?. <i>Green Chemistry</i> , 2014 , 16, 3660-3679	10	156
107	Asymmetric gold-catalyzed lactonizations in water at room temperature. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10658-62	16.4	71
106	Stereoselective Silylcupration of Conjugated Alkynes in Water at Room Temperature. <i>Angewandte Chemie</i> , 2014 , 126, 4243-4247	3.6	15
105	A palladium nanoparticle-nanomicelle combination for the stereoselective semihydrogenation of alkynes in water at room temperature. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14051-4	16.4	72
104	Asymmetric Gold-Catalyzed Lactonizations in Water at Room Temperature. <i>Angewandte Chemie</i> , 2014 , 126, 10834-10838	3.6	23
103	Synthetic Procedures Involving Organocopper Reagents 2013 , 283-382		1
102	Organocopper Chemistry 2013 , 665-815		2
101	Applying the Hydrophobic Effect to Transition Metal-Catalyzed Couplings in Water at Room Temperature 2013 , 299-312		

100	"Click" and Olefin Metathesis Chemistry in Water at Room Temperature Enabled by Biodegradable Micelles. <i>Journal of Chemical Education</i> , 2013 , 90,	2.4	24
99	Transforming Suzuki-Miyaura cross-couplings of MIDA boronates into a green technology: no organic solvents. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17707-10	16.4	106
98	On the way towards greener transition-metal-catalyzed processes as quantified by E factors. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10952-8	16.4	144
97	Stille couplings in water at room temperature. <i>Green Chemistry</i> , 2013 , 15, 105-109	10	61
96	Organocopper Chemistry 2013 , 1-133		1
95	Auf dem Weg zu groeren bergangsmetallkatalysierten Verfahren: Quantifizierung durch den E-Faktor. <i>Angewandte Chemie</i> , 2013 , 125, 11156-11162	3.6	34
94	Titelbild: Auf dem Weg zu groeren bergangsmetallkatalysierten Verfahren: Quantifizierung durch den E-Faktor (Angew. Chem. 42/2013). <i>Angewandte Chemie</i> , 2013 , 125, 11113-11113	3.6	2
93	Regioselective reductions of disubstituted enones catalyzed by nonracemically ligated copper hydride. <i>Tetrahedron</i> , 2012 , 68, 3410-3416	2.4	57
92	C-C bond formation via copper-catalyzed conjugate addition reactions to enones in water at room temperature. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19985-8	16.4	47
91	Modified routes to the "designer" surfactant PQS. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3143-8	4.2	17
90	Organocatalysis in water at room temperature with in-flask catalyst recycling. <i>Organic Letters</i> , 2012 , 14, 422-5	6.2	77
89	Rhodium-Catalyzed Asymmetric 1,4-Additions, in Water at Room Temperature, with In-Flask Catalyst Recycling. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 3175-3179	5.6	29
88	Catalysis in the Service of Green Chemistry: Nobel Prize-Winning Palladium-Catalysed Cross-Couplings, Run in Water at Room Temperature: Heck, Suzuki-Miyaura and Negishi reactions carried out in the absence of organic solvents, enabled by micellar catalysis. <i>Platinum Metals Review</i> , 2012 , 56, 62-74		29
87	"Designer"-Surfactant-Enabled Cross-Couplings in at Room Temperature. <i>Aldrichimica Acta</i> , 2012 , 45, 3-16	9	89
86	Rate enhanced olefin cross-metathesis reactions: the copper iodide effect. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4697-702	4.2	116
85	Manipulating micellar environments for enhancing transition metal-catalyzed cross-couplings in water at room temperature. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5061-73	4.2	107
84	TPGS-750-M: a second-generation amphiphile for metal-catalyzed cross-couplings in water at room temperature. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4379-91	4.2	291
83	Gold catalysis in micellar systems. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7820-3	16.4	72

82	"On water" sp ³ -sp ² cross-couplings between benzylic and alkenyl halides. <i>Chemical Communications</i> , 2011 , 47, 5717-9	5.8	52
81	Organozinc Chemistry Enabled by Micellar Catalysis. Palladium-Catalyzed Cross-Couplings between Alkyl and Aryl in Water at Room Temperature. <i>Organometallics</i> , 2011 , 30, 6090-6097	3.8	67
80	Asymmetric CuH-Catalyzed 1,4-Reductions in Water at Room Temperature. <i>Synlett</i> , 2010 , 2010, 2041-2044	7	
79	Cross-couplings between benzylic and aryl halides "on water": synthesis of diarylmethanes. <i>Chemical Communications</i> , 2010 , 46, 562-4	5.8	90
78	Pd-catalyzed synthesis of allylic silanes from allylic ethers. <i>Organic Letters</i> , 2010 , 12, 28-31	6.2	50
77	Total synthesis of (+)-korupensamine B via an atropselective intermolecular biaryl coupling. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14021-3	16.4	53
76	CuH-catalyzed enantioselective 1,2-reductions of alpha,beta-unsaturated ketones. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7852-3	16.4	98
75	Stereoselective Negishi-like couplings between alkenyl and alkyl halides in water at room temperature. <i>Organic Letters</i> , 2010 , 12, 4742-4	6.2	100
74	Miyaura Borylations of Aryl Bromides in Water at Room Temperature. <i>Israel Journal of Chemistry</i> , 2010 , 50, 691-695	3.4	21
73	Room temperature C-H activation and cross-coupling of aryl ureas in water. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 781-4	16.4	160
72	PQS-2: ring-closing- and cross-metathesis reactions on lipophilic substrates; in water only at room temperature, with in-flask catalyst recycling. <i>Tetrahedron</i> , 2010 , 66, 1057-1063	2.4	54
71	Aminations of Aryl Bromides in Water at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1717-1721	5.6	64
70	Zn-mediated, Pd-catalyzed cross-couplings in water at room temperature without prior formation of organozinc reagents. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15592-3	16.4	214
69	Synthesis and Characterization of Isomeric Vinyl-1,2,3-triazole Materials by Azide-Alkyne Click Chemistry. <i>Macromolecules</i> , 2009 , 42, 6068-6074	5.5	71
68	Allylic ethers as educts for Suzuki-Miyaura couplings in water at room temperature. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12103-5	16.4	116
67	(NHC)CuH-catalyzed entry to allenes via propargylic carbonate S(N)2'-reductions. <i>Organic Letters</i> , 2009 , 11, 5010-2	6.2	42
66	Amination of allylic alcohols in water at room temperature. <i>Organic Letters</i> , 2009 , 11, 2377-9	6.2	69
65	PQS: a new platform for micellar catalysis. RCM reactions in water, with catalyst recycling. <i>Organic Letters</i> , 2009 , 11, 705-8	6.2	81

64	Deprotection of homoallyl ((h)Allyl) derivatives of phenols, alcohols, acids, and amines. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2854-7	4.2	19
63	Aminations of allylic phenyl ethers via micellar catalysis at room temperature in water. <i>Chemical Communications</i> , 2009 , 6472-4	5.8	34
62	Total synthesis of piericidin A1. Application of a modified Negishi carboalumination-nickel-catalyzed cross-coupling. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1396-7	16.4	62
61	Olefin cross-metathesis reactions at room temperature using the nonionic amphiphile "PTS": just add water. <i>Organic Letters</i> , 2008 , 10, 1325-8	6.2	145
60	Room-temperature Suzuki-Miyaura couplings in water facilitated by nonionic amphiphiles. <i>Organic Letters</i> , 2008 , 10, 1333-6	6.2	158
59	Copper + nickel-in-charcoal (Cu-Ni/C): a bimetallic, heterogeneous catalyst for cross-couplings. <i>Organic Letters</i> , 2008 , 10, 4279-82	6.2	84
58	CuH-catalyzed reactions. <i>Chemical Reviews</i> , 2008 , 108, 2916-27	68.1	530
57	Heck couplings at room temperature in nanometer aqueous micelles. <i>Organic Letters</i> , 2008 , 10, 1329-32	6.2	144
56	Micellar catalysis of Suzuki-Miyaura cross-couplings with heteroaromatics in water. <i>Organic Letters</i> , 2008 , 10, 5329-32	6.2	129
55	Sonogashira couplings of aryl bromides: room temperature, water only, no copper. <i>Organic Letters</i> , 2008 , 10, 3793-6	6.2	169
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