Ilhyong Ryu

List of Publications by Citations

334 papers	12,664 citations	59 h-index	93 g-index
448 ext. papers	14,161 ext. citations	5.9 avg, IF	6.4 L-index

#	Paper	IF	Citations
334	Chemistry of Acyl Radicals. *Chemical Reviews*, **1999**, 99, 1991-2070	68.1	667
333	Tandem Radical Reactions of Carbon Monoxide, Isonitriles, and Other Reagent Equivalents of the Geminal Radical Acceptor/Radical Precursor Synthon. *Chemical Reviews*, **1996**, 96, 177-194	68.1	362
332	A copper-free Sonogashira coupling reaction in ionic liquids and its application to a microflow system for efficient catalyst recycling. *Organic Letters*, **2002**, 4, 1691-4	6.2	340
331	Carbonylation reactions of alkyl iodides through the interplay of carbon radicals and Pd catalysts. *Accounts of Chemical Research*, **2014**, 47, 1563-74	24.3	299
330	Free-Radical Carbonylations: Then and Now. *Angewandte Chemie International Edition in English*, **1996**, 35, 1050-1066		225
329	Palladium-catalyzed addition and carbonylative addition of diaryl disulfides and diselenides to terminal acetylenes. *Journal of the American Chemical Society*, **1991**, 113, 9796-9803	16.4	209
328	The first example of transition-metal-catalyzed addition of aromatic thiols to acetylenes. *Journal of the American Chemical Society*, **1992**, 114, 5902-5903	16.4	198
327	Site-Selective C□H Functionalization by Decatungstate Anion Photocatalysis: Synergistic Control by Polar and Steric Effects Expands the Reaction Scope. *ACS Catalysis*, **2018**, 8, 701-713	13.1	179
326	Radical carboxylations of iodoalkanes and saturated alcohols using carbon monoxide. *Chemical Society Reviews*, **2001**, 30, 16-25	58.5	167
325	Low pressure Pd-catalyzed carbonylation in an ionic liquid using a multiphase microflow system. *Chemical Communications*, **2006**, 2236-8	5.8	155
324	Iodine-catalyzed aziridination of alkenes using Chloramine-T as a nitrogen source. *Tetrahedron*, **1998**, 54, 13485-13494	2.4	138
323	Ruthenium hydride-catalyzed addition of aldehydes to dienes leading to beta,gamma-unsaturated ketones. *Journal of the American Chemical Society*, **2008**, 130, 14094-5	16.4	136
322	Modernized low pressure carbonylation methods in batch and flow employing common acids as a CO source. *Organic Letters*, **2013**, 15, 2794-7	6.2	135
321	Atom-economical synthesis of unsymmetrical ketones through photocatalyzed C-H activation of alkanes and coupling with CO and electrophilic alkenes. *Angewandte Chemie - International Edition*, **2011**, 50, 1869-72	16.4	126
320	Alkyne carbonylation by radicals: tin-radical-catalyzed synthesis of alpha-methylene amides from 1-alkynes, carbon monoxide, and amines. *Angewandte Chemie - International Edition*, **2005**, 44, 1075-1078	16.4	121
319	Radicals masquerading as electrophiles: dual orbital effects in nitrogen-philic acyl radical cyclization and related addition reactions. *Accounts of Chemical Research*, **2007**, 40, 303-13	24.3	118
318	Sunlight photocatalyzed regioselective □-alkylation and acylation of cyclopentanones. *Chemical Science*, **2014**, 5, 2893-2898	9.4	112

317	Novel Asymmetric and Stereospecific Aziridination of Alkenes with a Chiral Nitridomanganese Complex. *Angewandte Chemie - International Edition*, **1998**, 37, 3392-3394	16.4	106
316	Effective acceleration of atom transfer carbonylation of alkyl iodides by metal complexes. Application to the synthesis of the hinokinin precursor and dihydrocapsaicin. *Organic Letters*, **2006**, 8, 1383-6	6.2	106
315	Continuous Microflow Synthesis of Butyl Cinnamate by a Mizoroki□Heck Reaction Using a Low-Viscosity Ionic Liquid as the Recycling Reaction Medium. *Organic Process Research and Development*, **2004**, 8, 477-481	3.9	104
314	Efficient C-H/C-N and C-H/C-CO-N conversion via decatungstate-photoinduced alkylation of diisopropyl azodicarboxylate. *Organic Letters*, **2013**, 15, 2554-7	6.2	103
313	Synthesis of alkyl alkynyl ketones by Pd/light-induced three-component coupling reactions of iodoalkanes, CO, and 1-alkynes. *Organic Letters*, **2010**, 12, 2410-3	6.2	102
312	Nitrogen atom transfer to alkenes utilizing Chloramine-T as a nitrogen source. *Tetrahedron Letters*, **1998**, 39, 309-312	2	100
311	Cascade radical reactions catalyzed by a Pd/light system: cyclizative multiple carbonylation of 4-alkenyl iodides. *Journal of the American Chemical Society*, **2002**, 124, 3812-3	16.4	100
310	Carbonylation in microflow: close encounters of CO and reactive species. *Green Chemistry*, **2014**, 16, 2042	10	99
309	Microflow photo-radical reaction using a compact light source: application to the Barton reaction leading to a key intermediate for myriceric acid A. *Tetrahedron*, **2009**, 65, 1593-1598	2.4	97
308	Quick Execution of [2+2] Type Photochemical Cycloaddition Reaction by Continuous Flow System Using a Glass-made Microreactor. *Chemistry Letters*, **2004**, 33, 1430-1431	1.7	93
307	RuHCl(CO)(PPh3)3-catalyzed □-alkylation of ketones with primary alcohols. *Organic Letters*, **2012**, 14, 4703-5	6.2	92
306	Spurring radical reactions of organic halides with tin hydride and TTMSS using microreactors. *Organic Letters*, **2008**, 10, 533-6	6.2	92
305	Versatile cross-dehydrogenative coupling of heteroaromatics and hydrogen donors via decatungstate photocatalysis. *Chemical Communications*, **2017**, 53, 2335-2338	5.8	91
304	Phase-vanishing reactions that use fluorous media as a phase screen. Facile, controlled bromination of alkenes by dibromine and dealkylation of aromatic ethers by boron tribromide. *Journal of the American Chemical Society*, **2002**, 124, 12946-7	16.4	87
303	Direct conversion of aldehydes to seleno- and thioaldehydes. *Journal of the American Chemical Society*, **1988**, 110, 1976-1978	16.4	85
302	Radical Carboxylation:□Ester Synthesis from Alkyl Iodides, Carbon Monoxide, and Alcohols under Irradiation Conditions. *Journal of the American Chemical Society*, **1997**, 119, 5465-5466	16.4	84
301	Broad-spectrum radical cyclizations boosted by polarity matching. Carbonylative access to alpha-stannylmethylene lactams from azaenynes and CO. *Journal of the American Chemical Society*, **2003**, 125, 5632-3	16.4	84
300	A new access to acyl- and aroyllithiums via lithium-tellurium exchange. *Journal of the American Chemical Society*, **1990**, 112, 455-457	16.4	83

299	The first deoxygenative coupling of amides by an unprecedented samarium/samarium diiodide system. *Journal of the American Chemical Society*, **1992**, 114, 8729-8730	16.4	80
298	Adventures in Inner Space: Microflow Systems for Practical Organic Synthesis. *Synlett*, **2008**, 2008, 151-163	2.2	78
297	Nitrogen-philic Cyclization of Acyl Radicals onto NC Bond. New Synthesis of 2-Pyrrolidinones by Radical Carbonylation/Annulation Method. *Journal of the American Chemical Society*, **1998**, 120, 5838-5839	16.4	76
296	Free radical carbonylation. Efficient trapping of carbon monoxide by carbon radicals. *Journal of the American Chemical Society*, **1990**, 112, 1295-1297	16.4	71
295	The Barton reaction using a microreactor and black light. Continuous-flow synthesis of a key steroid intermediate for an endothelin receptor antagonist. *Tetrahedron Letters*, **2006**, 47, 6197-6200	2	70
294	Ruthenium hydride catalyzed regioselective addition of aldehydes to enones to give 1,3-diketones. *Angewandte Chemie - International Edition*, **2007**, 46, 5559-61	16.4	66
293	New Radical Cascade Reactions Incorporating Multiple One-Carbon Radical Synthons: A Versatile Synthetic Methodology for Vicinal Singly and Doubly Acylated Oxime Ethers. *Journal of the American Chemical Society*, **1999**, 121, 12190-12191	16.4	66
292	Iron-catalyzed decarbonylation reaction of aliphatic carboxylic acids leading to □-olefins. *Chemical Communications*, **2012**, 48, 2552-4	5.8	64
291	Rhodium-catalyzed decarbonylative C-H arylation of 2-aryloxybenzoic acids leading to dibenzofuran derivatives. *Organic Letters*, **2013**, 15, 2754-7	6.2	64
290	Synthesis of functionalized resorcinols by rhodium-catalyzed [5+1] cycloaddition reaction of 3-acyloxy-1,4-enynes with CO. *Chemical Communications*, **2010**, 46, 5470-2	5.8	64
289	Hydroruthenation triggered catalytic conversion of dialdehydes and keto aldehydes to lactones. *Chemical Communications*, **2009**, 6741-3	5.8	64
288	Tin-free Giese reaction and the related radical carbonylation using alkyl iodides and cyanoborohydrides. *Organic Letters*, **2008**, 10, 1005-8	6.2	64
287	The First Example of Transition-Metal-Catalyzed Thioformylation of Acetylenes with Aromatic Thiols and Carbon Monoxide. *Journal of the American Chemical Society*, **1995**, 117, 7564-7565	16.4	64
286	Bromine radical-mediated sequential radical rearrangement and addition reaction of alkylidenecyclopropanes. *Journal of the American Chemical Society*, **2013**, 135, 632-5	16.4	63
285	Pd/light-accelerated atom-transfer carbonylation of alkyl iodides: applications in multicomponent coupling processes leading to functionalized carboxylic acid derivatives. *Chemistry - A European Journal*, **2012**, 18, 9415-22	4.8	63
284	Photoredox-Catalyzed Hydrodifluoroalkylation of Alkenes Using Difluorohaloalkyl Compounds and a Hantzsch Ester. *Journal of Organic Chemistry*, **2017**, 82, 5469-5474	4.2	62
283	Ru-catalyzed intermolecular [3+2+1] cycloaddition of alpha,beta-unsaturated ketones with silylacetylenes and carbon monoxide leading to alpha-pyrones. *Organic Letters*, **2007**, 9, 587-9	6.2	62
282	A .beta.-metal ketone strategy. Reactions of siloxycyclopropanes with silver(I) tetrafluoroborate and copper(II) tetrafluoroborate leading to 1,6-diketones. *Journal of the American Chemical Society*, **1983**, 105, 7192-7194	16.4	62

281	Synthesis of Thiol, Selenol, and Tellurol Esters from Aldehydes by the Reaction with iBu2AlYR (Y = S, Se, Te). *Journal of Organic Chemistry*, **1994**, 59, 5824-5827	4.2	61
280	Radical reactions of borohydrides. *Organic and Biomolecular Chemistry*, **2014**, 12, 9733-42	3.9	60
279	Synthesis of alkyl aryl ketones by Pd/light induced carbonylative cross-coupling of alkyl iodides and arylboronic acids. *Organic Letters*, **2013**, 15, 3142-5	6.2	60
278	Mizoroki-Heck arylation of alpha,beta-unsaturated acids with a hybrid fluorous ether, F-626: facile filtrative separation of products and efficient recycling of a reaction medium containing a catalyst. *Journal of Organic Chemistry*, **2004**, 69, 8105-7	4.2	60
277	Selective 6-endo cyclization of the acyl radicals onto the nitrogen of imine and oxazoline C-N bonds. *Journal of the American Chemical Society*, **2006**, 128, 7712-3	16.4	59
276	Cyclizative radical carbonylations of azaenynes by TTMSS and hexanethiol leading to alpha-silyl- and thiomethylene lactams. Insights into the E/Z stereoselectivities. *Organic and Biomolecular Chemistry*, **2003**, 1, 4262-7	3.9	59
275	Synthesis of 2-hydroxymethyl ketones by ruthenium hydride-catalyzed cross-coupling reaction of alpha,beta-unsaturated aldehydes with primary alcohols. *Organic Letters*, **2010**, 12, 1-3	6.2	58
274	Monolithic and flexible polyimide film microreactors for organic microchemical applications fabricated by laser ablation. *Angewandte Chemie - International Edition*, **2010**, 49, 7063-7	16.4	58
273	Initiation of tin-mediated radical reactions by diethylzinc-air. *Tetrahedron Letters*, **1998**, 39, 6335-6336	2	58
272	Tin-free radical carbonylation: thiol ester synthesis using alkyl allyl sulfone precursors, phenyl benzenethiosulfonate, and CO. *Angewandte Chemie - International Edition*, **2005**, 44, 6183-6	16.4	58
271	Carbotelluration of alkynes. *Journal of the American Chemical Society*, **1992**, 114, 7591-7592	16.4	58
270	Double alkylation of carbon monoxide via free radicals: synthesis of unsymmetrical ketones. *Journal of Organic Chemistry*, **1991**, 56, 5003-5005	4.2	58
269	Vicinal C-functionalization of alkenes. Pd/light-induced multicomponent coupling reactions leading to functionalized esters and lactones. *Organic Letters*, **2011**, 13, 2114-7	6.2	57
268	Organocatalytic enantioselective synthesis of nitrogen-substituted dihydropyran-2-ones, a key synthetic intermediate of 1beta-methylcarbapenems. *Organic Letters*, **2009**, 11, 3934-7	6.2	57
267	Acyllithium to lithium enolate conversion by a 1,2-silicon shift. A shortcut to acylsilane enolates. *Journal of the American Chemical Society*, **1984**, 106, 2440-2442	16.4	57
266	The first example of transition-metal-catalyzed hydroselenation of acetylenes. *Tetrahedron Letters*, **1992**, 33, 5525-5528	2	56
265	Radical addition of alkyl halides to formaldehyde in the presence of cyanoborohydride as a radical mediator. A new protocol for hydroxymethylation reaction. *Journal of the American Chemical Society*, **2012**, 134, 875-7	16.4	55
264	Rh-catalyzed [5+1] and [4+1] cycloaddition reactions of 1,4-enyne esters with CO: a shortcut to functionalized resorcinols and cyclopentenones. *Chemistry - A European Journal*, **2012**, 18, 7243-7	4.8	54

263	New approaches in radical carbonylation chemistry: fluorous applications and designed tandem processes by species-hybridization with anions and transition metal species. *Chemical Record*, **2002**, 2, 249-58	6.6	54
262	Continuous Microflow [2 + 2] Photocycloaddition Reactions Using Energy-saving Compact Light Sources. *Journal of Flow Chemistry*, **2012**, 1, 40-45	3.3	53
261	Efficient Iridium-Catalyzed Decarbonylation Reaction of Aliphatic Carboxylic Acids Leading to Internal or Terminal Alkenes. *Organometallics*, **2011**, 30, 1389-1394	3.8	53
260	Synthesis of acetylenic ketones by a Pd-catalyzed carbonylative three-component coupling reaction in [bmim]PF6. *Canadian Journal of Chemistry*, **2005**, 83, 711-715	0.9	53
259	New Strategies in Carbonylation Chemistry: The Synthesis of □-Lactones from Saturated Alcohols and CO. *Journal of the American Chemical Society*, **1998**, 120, 8692-8701	16.4	53
258	Four carbon component coupling reaction based on free-radical carbonylation: an easy access to .beta.-functionalized .delta.,.epsilon.-unsaturated ketones. *Journal of the American Chemical Society*, **1993**, 115, 1187-1189	16.4	53
257	Highly Regio- and Stereoselective Alkylation of vic-Bis(phenyltelluro)alkenes with Organocuprates. *Journal of Organic Chemistry*, **1994**, 59, 1600-1601	4.2	52
256	Photoinduced Aminocarbonylation of Aryl Iodides. *Chemistry - A European Journal*, **2015**, 21, 14764-7	4.8	51
255	Group Transfer Carbonylations: Photoinduced Alkylative Carbonylation of Alkenes Accompanied by Phenylselenenyl Transfer. *Journal of Organic Chemistry*, **1996**, 61, 6396-6403	4.2	51
254	Diastereoselective [2 + 2] Photocycloaddition of Chiral Cyclic Enone and Cyclopentene Using a Microflow Reactor System. *Chemistry Letters*, **2010**, 39, 828-829	1.7	50
253	Catalytic Oxidation of Amines Utilizing Binuclear Copper(II) Complex of 7-Azaindole. *Chemistry Letters*, **1997**, 26, 311-312	1.7	50
252	Hydroxymethylation of organic halides. Evaluation of a catalytic system involving a fluorous tin hydride reagent for radical carbonylation. *Tetrahedron Letters*, **1997**, 38, 7883-7886	2	50
251	Synthesis of fluorenones through rhodium-catalyzed intramolecular acylation of biarylcarboxylic acids. *Organic Letters*, **2014**, 16, 3216-9	6.2	49
250	Free-radical-mediated [2 + 2 + 1] cycloaddition of acetylenes, amidines, and CO leading to five-membered □,□-unsaturated lactams. *Journal of the American Chemical Society*, **2013**, 135, 1006-8	16.4	49
249	Atom transfer carbonylation using ionic liquids as reaction media. *Journal of Organometallic Chemistry*, **2007**, 692, 685-690	2.3	49
248	Atom-Economical Synthesis of Unsymmetrical Ketones through Photocatalyzed C?H Activation of Alkanes and Coupling with CO and Electrophilic Alkenes. *Angewandte Chemie*, **2011**, 123, 1909-1912	3.6	48
247	Metal catalyst-free by design. The synthesis of amides from alkyl iodides, carbon monoxide and amines by a hybrid radical/ionic reaction. *Chemical Communications*, **1998**, 1953-1954	5.8	48
246	Black-light-induced radical/ionic hydroxymethylation of alkyl iodides with atmospheric CO in the presence of tetrabutylammonium borohydride. *Organic Letters*, **2010**, 12, 1548-51	6.2	47

245	A convergent enone synthesis. Three-component coupling of alkyl iodides, carbon monoxide, and allylstannanes by free-radical carbonylation. *Journal of the American Chemical Society*, **1991**, 113, 8558-8560	16.4	46
244	Carbonylation of Alkyl Radicals Derived from Organosilicates through Visible-Light Photoredox Catalysis. *Angewandte Chemie - International Edition*, **2019**, 58, 1789-1793	16.4	46
243	Applications of Radical Carbonylation and Amine Addition Chemistry: 1,4-Hydrogen Transfer of 1-Hydroxylallyl Radicals. *Accounts of Chemical Research*, **2018**, 51, 2023-2035	24.3	45
242	Microflow radical carboaminoxylations with a novel alkoxyamine. *Organic Letters*, **2009**, 11, 2457-60	6.2	45
241	Synthesis of □mercuri ketones by the reaction of siloxycyclopropanes with mercuric acetate and their conversion to □-methylene ketones and □ketoesters. *Tetrahedron Letters*, **1980**, 21, 4283-4286	2	45
240	Photocatalyzed site-selective C-H to C-C conversion of aliphatic nitriles. *Organic Letters*, **2015**, 17, 1292-5	6.2	44
239	Enhanced Reducing Ability by the Combination of SmI2and Sm Metal in the Reduction of Alkyl Halides. *Chemistry Letters*, **1994**, 23, 379-380	1.7	44
238	Microflow photo-radical chlorination of cycloalkanes. *Chemical Engineering Journal*, **2011**, 167, 567-571	14.7	43
237	Lactone synthesis based on atom transfer carbonylation. *Organic Letters*, **2000**, 2, 389-91	6.2	43
236	Efficient hydroxymethylation reactions of iodoarenes using CO and 1,3-dimethylimidazol-2-ylidene borane. *Organic Letters*, **2013**, 15, 2144-7	6.2	42
235	.beta.-Copper(II) ketones. Generation, coupling, and highly stereoselective trapping by electron-deficient acetylenes. *Journal of the American Chemical Society*, **1993**, 115, 12330-12339	16.4	41
234	Regioselective radical bromoallylation of allenes leading to 2-bromo-substituted 1,5-dienes. *Organic Letters*, **2011**, 13, 3864-7	6.2	40
233	An automated-flow microreactor system for quick optimization and production: application of 10- and 100-gram order productions of a matrix metalloproteinase inhibitor using a Sonogashira coupling reaction. *Tetrahedron Letters*, **2009**, 50, 6364-6367	2	40
232	Radicals masquerading as electrophiles: a computational study of the intramolecular addition reactions of acyl radicals to imines. *Organic and Biomolecular Chemistry*, **2006**, 4, 1920-6	3.9	40
231	Carbonylative Mizoroki-Heck Reaction of Alkyl Iodides with Arylalkenes Using a Pd/Photoirradiation System. *Organic Letters*, **2015**, 17, 4952-5	6.2	39
230	Cascade carbonylation methods leading to beta-diketones and beta-functionalized delta-diketones. *Angewandte Chemie - International Edition*, **2004**, 43, 2423-5	16.4	39
229	Intramolecular nucleophilic carbonyl trapping of alpha-ketenyl radicals by an amino group. *Chemical Communications*, **2004**, 2482-3	5.8	39
228	Selective [2+1] aziridination of conjugated dienes with a nitridomanganese complex: a new route to alkenylaziridines. *Tetrahedron Letters*, **2000**, 41, 7089-7092	2	39

227	Radical carbonylations with fluorous allyltin reagents. *Tetrahedron Letters*, **1999**, 40, 2367-2370	2	39
226	Novel generation and cycloaddition of N-silylated azomethine ylides from α-silylimidates and trifluorosilane. *Tetrahedron*, **1999**, 55, 12969-12976	2.4	38
225	Remote Carbonylation. The Synthesis of .delta.-Lactones from Saturated Alcohols and Carbon Monoxide. *Journal of the American Chemical Society*, **1994**, 116, 5473-5474	16.4	38
224	.beta.-Trichlorostannyl ketones and aldehydes. Preparation and facile amine-induced dehydrostannation leading to .alpha.-methylene ketones and aldehydes. *Journal of Organic Chemistry*, **1992**, 57, 17-28	4.2	38
223	A new fluorous/organic amphiphilic ether solvent, F-626: execution of fluorous and high temperature classical reactions with convenient biphase workup to separate product from high boiling solvent. *Tetrahedron*, **2002**, 58, 4071-4076	2.4	37
222	Room temperature isomerization of siloxycyclopropanes to silyl ethers of 2-methylenealkanols catalyzed by Zeise dimer. *Journal of the American Chemical Society*, **1992**, 114, 1520-1521	16.4	37
221	Palladium/Light Induced Radical Alkenylation and Allylation of Alkyl Iodides Using Alkenyl and Allylic Sulfones. *Organic Letters*, **2018**, 20, 1078-1081	6.2	36
220	Intramolecular Homolytic Substitution Behavior of Acyl Radicals at Sulfur: New Carbonylative Access to Thiolactones. *Journal of Organic Chemistry*, **1997**, 62, 7550-7551	4.2	36
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215	Alkyne Carbonylation by Radicals: Tin-Radical-Catalyzed Synthesis of β-Methylene Amides from 1-Alkynes, Carbon Monoxide, and Amines. *Angewandte Chemie*, **2005**, 117, 1099-1102	3.6	35
214	Intramolecular conversions of acyllithium. Cyclization in the reaction of carbon monoxide with [1-(silyl)vinyl]lithium. *Journal of the American Chemical Society*, **1990**, 112, 7061-7063	16.4	35
213	Radical carbonylations using a continuous microflow system. *Beilstein Journal of Organic Chemistry*, **2009**, 5, 34	2.5	34
212	Ruthenium hydride/nitrogen tridentate ligand-catalyzed β-alkylation of acetamides with primary alcohols. *RSC Advances*, **2013**, 3, 13702	3.7	33
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207	CO-trapping reaction under thermolysis of alkoxyamines: application to the synthesis of 3,4-cyclopenta-1-tetralones. *Organic Letters*, **2005**, 7, 2985-8	6.2	32
206	Free Radical Mediated Double Carbonylations of Alk-4-enyl Iodides. *Journal of the American Chemical Society*, **1996**, 118, 10670-10671	16.4	32
205	Lithium-tellurium exchange reaction. A convenient method for generation of heteroatom-substituted methyllithiums. *Organometallics*, **1990**, 9, 1355-1357	3.8	32
204	Radical carbonylation of □alkynylamines leading to □-methylene lactams. Synthetic scope and the mechanistic insights. *Organic and Biomolecular Chemistry*, **2011**, 9, 3780-6	3.9	31
203	An unusual dimerization of primary unsaturated alcohols catalyzed by RuHCl(CO)(PPh3)3. *Chemical Communications*, **2006**, 1875-7	5.8	31
202	Synthesis of perfluorinated allylic compounds by radical allylation and their purification over fluorous reverse-phase silica. *Tetrahedron Letters*, **2001**, 42, 947-950	2	31
201	5-azahexenoyl radicals cyclize via nucleophilic addition to the acyl carbon rather than 5-exo homolytic addition at the imine. *Chemical Communications*, **2002**, 2338-9	5.8	31
200	Vinyl radical cyclization onto imino group. Selective 6-endo cyclization onto aldimines leading to 3-methylenepiperidines. *Tetrahedron Letters*, **1999**, 40, 1515-1518	2	30
199	Cooperative Polar/Steric Strategy in Achieving Site-Selective Photocatalyzed C(sp)-H Functionalization. *Chemistry - A European Journal*, **2017**, 23, 8615-8618	4.8	29
198	Hydroalkylation of Alkenes Using Alkyl Iodides and Hantzsch Ester under Palladium/Light System. *Organic Letters*, **2016**, 18, 52-5	6.2	29
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194	Borohydride-mediated radical addition reactions of organic iodides to electron-deficient alkenes. *Journal of Organic Chemistry*, **2014**, 79, 3999-4007	4.2	28
193	An ab initio and DFT study of some halogen atom transfer reactions from alkyl groups to acyl radical. *Organic and Biomolecular Chemistry*, **2007**, 5, 3320-4	3.9	28
192	High throughput evaluation of the production of substituted acetylenes by the Sonogashira reaction followed by the Mizoroki□eck reaction in ionic liquids, in situ, using a novel array reactor. *Tetrahedron Letters*, **2006**, 47, 2703-2706	2	28

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