Ei-Ichi Negishi

List of Publications by Year in Descending Order

338 papers	13,395 citations	62 h-index	106 g-index
364 ext. papers	14,586 ext. citations	6.5 avg, IF	6.62 L-index

#	Paper	IF	Citations
338	Chemo- and Stereoselective Dearomative Coupling of Indoles and Bielectrophilic □mino Boronic Esters via Imine-Induced 1,2-Boronate Migration. *Organic Letters*, **2021**, 23, 8984-8988	6.2	2
337	Highly Enantiospecific Borylation for Chiral □-Amino Tertiary Boronic Esters. *Angewandte Chemie*, **2018**, 130, 15358-15362	3.6	1
336	Highly Enantiospecific Borylation for Chiral □-Amino Tertiary Boronic Esters. *Angewandte Chemie - International Edition*, **2018**, 57, 15138-15142	16.4	14
335	Bis-[2-(diphenylphosphino)phenyl]ether (Dpe-Phos) **2017**, 1-24		
334	Asymmetric Synthesis of Chiral Cyclopentanes Bearing an All-Carbon Quaternary Stereocenter by Zirconium-Catalyzed Double Carboalumination. *Angewandte Chemie*, **2017**, 129, 11660-11663	3.6	1
333	Asymmetric Synthesis of Chiral Cyclopentanes Bearing an All-Carbon Quaternary Stereocenter by Zirconium-Catalyzed Double Carboalumination. *Angewandte Chemie - International Edition*, **2017**, 56, 11502-11505	16.4	6
332	One-Step Homologation for the Catalytic Asymmetric Synthesis of Deoxypropionates. *Chemistry - A European Journal*, **2017**, 23, 149-156	4.8	5
331	Molecularly Tuning the Radicaloid N-H□□O?C Hydrogen Bond. *Journal of Physical Chemistry A*, **2016**, 120, 1307-15	2.8	4
330	Zirconium-Catalyzed Asymmetric Carboalumination of Unactivated Terminal Alkenes. *Accounts of Chemical Research*, **2016**, 49, 2158-2168	24.3	35
329	A novel highly enantio- and diastereoselective synthesis of vitamin E side-chain. *Tetrahedron Letters* , **2015**, 56, 3346-3348	2	15
328	Catalytic enantioselective synthesis of chiral organic compounds of ultra-high purity of >99% ee. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2015**, 91, 369-93	4	4
327	Highly Efficient, Convergent, and Enantioselective Synthesis of Phthioceranic Acid. *Angewandte Chemie*, **2015**, 127, 9451-9454	3.6	6
326	Highly Efficient, Convergent, and Enantioselective Synthesis of Phthioceranic Acid. *Angewandte Chemie - International Edition*, **2015**, 54, 9319-22	16.4	21
325	Enantioselective synthesis of chiral isotopomers of 1-alkanols by a ZACA-Cu-catalyzed cross-coupling protocol. *Chemistry - A European Journal*, **2014**, 20, 16060-4	4.8	10
324	Highly enantioselective synthesis of □,□ and □chiral 1-alkanols via Zr-catalyzed asymmetric carboalumination of alkenes (ZACA)-Cu- or Pd-catalyzed cross-coupling. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8368-73	11.5	13
323	Syntheses of Chiral Heterocyclic Compounds via Zirconium-Catalyzed Asymmetric Carboalumination of Alkynes (ZACA Reaction). *Heterocycles*, **2014**, 88, 845	0.8	6
322	Pd- and Ni-catalyzed cross-coupling reactions in the synthesis of organic electronic materials. *Science and Technology of Advanced Materials*, **2014**, 15, 044201	7.1	87

321	Organozirconium Chemistry **2013**, 925-1002		
320	Search for highly efficient, stereoselective, and practical synthesis of complex organic compounds of medicinal importance as exemplified by the synthesis of the C21-C37 fragment of amphotericin B. *Chemistry - A European Journal*, **2013**, 19, 12938-42	4.8	2
319	Pd-Catalyzed Cross-Coupling with Organometals Containing Zn, Al, Zr, and so on The Negishi Coupling and Its Recent Advances **2013**, 133-278		7
318	Widely applicable synthesis of enantiomerically pure tertiary alkyl-containing 1-alkanols by zirconium-catalyzed asymmetric carboalumination of alkenes and palladium- or copper-catalyzed cross-coupling. *Chemistry - an Asian Journal*, **2013**, 8, 1829-35	4.5	24
317	Back Cover: Widely Applicable Synthesis of Enantiomerically Pure Tertiary Alkyl-Containing 1-Alkanols by Zirconium-Catalyzed Asymmetric Carboalumination of Alkenes and Palladium- or Copper-Catalyzed Cross-Coupling (Chem. Asian J. 8/2013). *Chemistry - an Asian Journal*, **2013**, 8, 1602-1924	4.5	
316	Highly(98%) Stereo- and Regioselective Trisubstituted Alkene Synthesis of Wide Applicability via 1-Halo-1-alkyne Hydroboration-Tandem Negishi-Suzuki Coupling or Organoborate Migratory Insertion Protocol. *Advanced Synthesis and Catalysis*, **2011**, 353, 2981-2987	5.6	51
315	Die magische Kraft der bergangsmetalle: Vergangenheit, Gegenwart und Zukunft (Nobel-Aufsatz). *Angewandte Chemie*, **2011**, 123, 6870-6897	3.6	167
314	Magical power of transition metals: past, present, and future (Nobel Lecture). *Angewandte Chemie - International Edition*, **2011**, 50, 6738-64	16.4	541
313	Highly stereoselective total synthesis of fully hydroxy-protected mycolactones A and B and their stereoisomerization upon deprotection. *Chemistry - A European Journal*, **2011**, 17, 4118-30	4.8	43
312	Highly selective synthesis of conjugated dienoic and trienoic esters via alkyne elementometalation-Pd-catalyzed cross-coupling. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11344-9	11.5	39
311	Discovery of ZACA reaction Zr-catalyzed asymmetric carboalumination of alkenes. *Arkivoc*, **2011**, 2011, 34-53	0.9	7
310	Catalysis with d-Block Transition Metals for Green Organic Synthesis and a Sustainable World. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2011**, 69, 1201-1201	0.2	4
309	Alkyne elementometalation-Pd-catalyzed cross-coupling. Toward synthesis of all conceivable types of acyclic alkenes in high yields, efficiently, selectively, economically, and safely: "green" way. *Journal of Organic Chemistry*, **2010**, 75, 3151-82	4.2	117
308	Total synthesis of (+)-scyphostatin featuring an enantioselective and highly efficient route to the side-chain via Zr-catalyzed asymmetric carboalumination of alkenes (ZACA). *Chemical Communications*, **2010**, 46, 2200-2	5.8	29
307	Highly(98%) Selective Trisubstituted Alkene Synthesis of Wide Applicability via Fluoride-Promoted Pd-Catalyzed Cross-Coupling of Alkenylboranes. *Israel Journal of Chemistry*, **2010**, 50, 696-701	3.4	17
306	Arylethyne Bromoboration-Negishi Coupling Route to - or -Aryl-Substituted Trisubstituted Alkenes of 98% IsomericPurity. New Horizon in the Highly Selective Synthesis of Trisubstituted Alkenes. *Advanced Synthesis and Catalysis*, **2010**, 352, 627-631	5.6	25
305	AlCl-Promoted Facile -to- Isomerization Route to ()-2-Methyl-1-buten-1,4-ylidene Synthons for Highly Efficient and Selective ()-Isoprenoid Synthesis. *European Journal of Organic Chemistry*, **2009**, 2009, 1679	3.2	22
304	Highly stereoselective and efficient synthesis of heterofunctional di- and trienoic esters for HornerWadsworthEmmons reaction via alkyne hydrozirconation and Pd-catalyzed alkenylation. *Tetrahedron Letters*, **2009**, 50, 3220-3223	2	22

303	Highly regio- and stereoselective synthesis of (Z)-trisubstituted alkenes via propyne bromoboration and tandem Pd-catalyzed cross-coupling. *Organic Letters*, **2009**, 11, 4092-5	6.2	74
302	Recent advances in efficient and selective synthesis of di-, tri-, and tetrasubstituted alkenes via Pd-catalyzed alkenylation-carbonyl olefination synergy. *Accounts of Chemical Research*, **2008**, 41, 1474-85	24.3	356
301	Highly efficient asymmetric synthesis of fluvirucinine A1 via Zr-catalyzed asymmetric carboalumination of alkenes (ZACA)-lipase-catalyzed acetylation tandem process. *Organic Letters*, **2008**, 10, 193-5	6.2	37
300	Efficient and selective synthesis of (S,R,R,S,R,S)-4,6,8,10,16,18-hexamethyl-docosane via Zr-catalyzed asymmetric carboalumination of alkenes (ZACA reaction). *Organic Letters*, **2008**, 10, 1099-101	6.2	39
299	Efficient and stereoselective synthesis of yellow scale pheromone via alkyne haloboration, Zr-catalyzed asymmetric carboalumination of alkenes (ZACA reaction), and Pd-catalyzed tandem Negishi coupling. *Organic Letters*, **2008**, 10, 4311-4	6.2	28
298	Efficient and selective syntheses of (all-E)- and (6E,10Z)-2'-O-methylmyxalamides D via Pd-catalyzed alkenylation--carbonyl olefination synergy. *Organic Letters*, **2008**, 10, 3223-6	6.2	22
297	1,4-Pentenyne as a five-carbon synthon for efficient and selective syntheses of natural products containing 2,4-dimethyl-1-penten-1,5-ylidene and related moieties by means of Zr-catalyzed carboalumination of alkynes and alkenes. *Chemistry - A European Journal*, **2008**, 14, 311-8	4.8	30
296	Highly stereo- and regioselective synthesis of (Z)-trisubstituted alkenes via 1-bromo-1-alkyne hydroboration-migratory insertion-Zn-promoted iodinolysis and Pd-catalyzed organozinc cross-coupling. *Journal of the American Chemical Society*, **2007**, 129, 14788-92	16.4	50
295	Zirconium-Catalyzed Asymmetric Carboalumination of Alkenes: ZACA□lipase-Catalyzed Acetylation Synergy. *Advanced Synthesis and Catalysis*, **2007**, 349, 539-545	5.6	33
294	Zirconium-catalyzed methylalumination of heterosubstituted arylethynes. Factors affecting the regio-, stereo-, and chemoselectivities. *Journal of Organometallic Chemistry*, **2007**, 692, 4731-4736	2.3	10
293	Transition Metal-Catalyzed Organometallic Reactions that Have Revolutionized Organic Synthesis. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 233-257	5.1	219
292	Fully reagent-controlled asymmetric synthesis of (-)-spongidepsin via the Zr-catalyzed asymmetric carboalumination of alkenes (ZACA reaction). *Organic Letters*, **2007**, 9, 2771-4	6.2	55
291	Widely applicable Pd-catalyzed trans-selective monoalkylation of unactivated 1,1-dichloro-1-alkenes and Pd-catalyzed second substitution for the selective synthesis of E or Z trisubstituted alkenes. *Angewandte Chemie - International Edition*, **2006**, 45, 762-5	16.4	90
290	Widely Applicable Pd-Catalyzed trans-Selective Monoalkylation of Unactivated 1,1-Dichloro-1-alkenes and Pd-Catalyzed Second Substitution for the Selective Synthesis of E or Z Trisubstituted Alkenes. *Angewandte Chemie*, **2006**, 118, 776-779	3.6	27
289	Catalytic, efficient, and syn-selective construction of deoxypolypropionates and other chiral compounds via Zr-catalyzed asymmetric carboalumination of allyl alcohol. *Journal of the American Chemical Society*, **2006**, 128, 2770-1	16.4	80
288	A convenient and genuine equivalent to HZrCp2Cl generated in situ from ZrCp2Cl2-DIBAL-H. *Organic Letters*, **2006**, 8, 3675-8	6.2	144
287	Highly efficient and selective synthesis of conjugated triynes and higher oligoynes of biological and materials chemical interest via palladium-catalyzed alkynyl-alkenyl coupling. *Organic Letters*, **2006**, 8, 5773-6	6.2	38
286	Selective synthesis of epolactaene featuring efficient construction of methyl (Z)-2-iodo-2-butenoate and (2R,3S,4S)-2-trimethylsilyl-2,3-epoxy-4-methyl- gamma-butyrolactone. *Organic Letters*, **2006**, 8, 2783-5	6.2	38

285	Zirconium-catalyzed asymmetric carboalumination (ZACA reaction) of 1,4-dienes. *Tetrahedron: Asymmetry*, **2006**, 17, 512-515		18
284	Palladium-Catalyzed Cross-Coupling Reactions with Zinc, Boron, and Indium Exhibiting High Turnover Numbers (TONs):Use of Bidentate Phosphines and Other Critical Factors in Achieving High TONs *Organometallics*, **2005**, 24, 475-478	3.8	44
283	All-catalytic, efficient, and asymmetric synthesis of alpha,omega-diheterofunctional reduced polypropionates via "one-pot" Zr-catalyzed asymmetric carboalumination-Pd-catalyzed cross-coupling tandem process. *Journal of the American Chemical Society*, **2005**, 127, 2838-9	16.4	97
282	A quarter of a century of explorations in organozirconium chemistry. *Dalton Transactions*, **2005**, 827-48	4.3	102
281	Asymmetric Carbometallations **2005**, 165-189		3
280	Palladium-catalyzed cross-coupling reaction of alkynylzincs with benzylic electrophiles. *Tetrahedron Letters*, **2005**, 46, 2927-2930	2	61
279	Palladium-catalyzed trans-selective alkynylationlkylation tandem process for the synthesis of (E)-3-alkyl-1-trialkylsilyl-3-alken-1-ynes. *Tetrahedron*, **2005**, 61, 9886-9895	2.4	21
278	An efficient and general route to reduced polypropionates via Zr-catalyzed asymmetric CC bond formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 5782-7	11.5	90
277	Zr-promoted airselective and regioselective synthesis of penta-substituted benzene derivatives. *Tetrahedron*, **2004**, 60, 1345-1352	2.4	12
276	Highly stereoselective synthesis of (1E)-2-methyl-1,3-dienes by palladium-catalyzed trans-selective cross-coupling of 1,1-dibromo-1-alkenes with alkenylzinc reagents. *Angewandte Chemie - International Edition*, **2004**, 43, 2259-63	16.4	128
275	An efficient and general method for the synthesis of alpha,omega-difunctional reduced polypropionates by Zr-catalyzed asymmetric carboalumination: synthesis of the scyphostatin side chain. *Angewandte Chemie - International Edition*, **2004**, 43, 2911-4	16.4	68
274	Highly Stereoselective Synthesis of (1E)-2-Methyl-1,3-dienes by Palladium-Catalyzed trans-Selective Cross-Coupling of 1,1-Dibromo-1-alkenes with Alkenylzinc Reagents. *Angewandte Chemie*, **2004**, 116, 2309-2313	3.6	44
273	An Efficient and General Method for the Synthesis of ,Difunctional Reduced Polypropionates by Zr-Catalyzed Asymmetric Carboalumination: Synthesis of the Scyphostatin Side Chain. *Angewandte Chemie*, **2004**, 116, 2971-2974	3.6	23
272	Efficient and selective synthesis of siphonarienolone and related reduced polypropionates via Zr-catalyzed asymmetric carboalumination. *Organic Letters*, **2004**, 6, 1425-7	6.2	68
271	Diastereoselective, Enantioselective, and Regioselective Carboalumination Reactions Catalyzed by Zirconocene Derivatives. *Topics in Organometallic Chemistry*, **2004**, 139-176	0.6	12
270	Efficient and selective synthesis of 6,7-Dehydrostipiamide via Zr-catalyzed asymmetric carboalumination and Pd-catalyzed cross-coupling of organozincs. *Organic Letters*, **2004**, 6, 3245-8	6.2	51
269	Use of InCl(3) as a cocatalyst and a Cl(2)Pd(DPEphos)-P(2-furyl)(3) catalyst system for one-pot hydrometalation-cross-coupling and carbometalation-cross-coupling tandem processes. *Organic Letters*, **2004**, 6, 1531-4	6.2	47
268	Pd-catalyzed selective tandem arylationlkylation of 1,1-dihalo-1-alkenes with aryl- and alkylzinc derivatives to produce -alkyl-substituted styrene derivatives. *Journal of Organometallic Chemistry*, **2003**, 687, 518-524	2.3	33

267	Highly Satisfactory Alkynylation of Alkenyl Halides via Pd-Catalyzed Cross-Coupling with Alkynylzincs and Its Critical Comparison with the Sonogashira Alkynylation.. *ChemInform*, **2003**, 34, no		1
266	Clean inversion of configuration in the Pd-catalyzed cross-coupling of 2-bromo-1,3-dienes. *Journal of the American Chemical Society*, **2003**, 125, 13636-7	16.4	93
265	Strictly Pair-Selective and Economical Synthesis of Conjugated Diynes via Pd-Catalyzed Reaction of Terminal Alkynes with 1,1-Dichloroethylene, Elimination with LDA, and Subsequent Transformations. *Organic Process Research and Development*, **2003**, 7, 412-417	3.9	25
264	Highly selective synthesis of (E)-3-methyl-1-trialkylsilyl-3-en-1-ynes via trans-selective alkynylation catalyzed by Cl2Pd(DPEphos) and stereospecific methylation with methylzincs catalyzed by Pd(tBu3P)2. *Organic Letters*, **2003**, 5, 1825-8	6.2	75
263	Palladium-catalyzed alkynylation. *Chemical Reviews*, **2003**, 103, 1979-2017	68.1	1053
262	Highly satisfactory alkynylation of alkenyl halides via Pd-catalyzed cross-coupling with alkynylzincs and its critical comparison with the sonogashira alkynylation. *Organic Letters*, **2003**, 5, 1597-600	6.2	90
261	A New Protocol for the Enantioselective Synthesis of Methyl-Substituted Alkanols and Their Derivatives through a Hydroalumination/Zirconium-Catalyzed Alkylalumination Tandem Process. *Angewandte Chemie*, **2002**, 114, 2245	3.6	19
260	A New Protocol for the Enantioselective Synthesis of Methyl-Substituted Alkanols and Their Derivatives through a Hydroalumination/Zirconium-Catalyzed Alkylalumination Tandem Process. *Angewandte Chemie - International Edition*, **2002**, 41, 2141	16.4	54
259	A genealogy of Pd-catalyzed cross-coupling. *Journal of Organometallic Chemistry*, **2002**, 653, 34-40	2.3	89
258	Catalytic and selective conversion of (Z)-2-en-4-ynoic acids to either 2H-pyran-2-ones in the presence of ZnBr2 or (Z)-5-alkylidenefuran-2(5H)-ones in the presence of Ag2CO3. *Tetrahedron Letters*, **2002**, 43, 5673-5676	2	87
257	Zirconium-catalyzed enantioselective carboalumination of "unactivated" alkenes as a new synthetic tool for asymmetric carbon-carbon bond formation. *Pure and Applied Chemistry*, **2002**, 74, 151-157	2.1	13
256	A highly efficient, selective, and general method for the synthesis of conjugated (all-E)-oligoenes of the (CH=CH)n type via iterative hydrozirconation-palladium-catalyzed cross-coupling. *Organic Letters*, **2002**, 4, 703-6	6.2	36
255	A novel, highly selective, and general methodology for the synthesis of 1,5-diene-containing oligoisoprenoids of all possible geometrical combinations exemplified by an iterative and convergent synthesis of coenzyme Q(10). *Organic Letters*, **2002**, 4, 261-4	6.2	92
254	A new protocol for the enantioselective synthesis of methyl-substituted alkanols and their derivatives through a hydroalumination/ zirconium-catalyzed alkylalumination tandem process. *Angewandte Chemie - International Edition*, **2002**, 41, 2141-3	16.4	8
253	Some newer aspects of organozirconium chemistry of relevance to organic synthesis. Zr-Catalyzed enantioselective carbometallation. *Pure and Applied Chemistry*, **2001**, 73, 239-242	2.1	21
252	Stereoselective Synthesis of Exocyclic Alkenes by Cu-Catalyzed Allylmagnesiation, Pd-Catalyzed Alkylation, and Ru-Catalyzed Ring-Closing Metathesis: Highly Stereoselective Synthesis of (Z)- and (E)-Bisabolenes. *European Journal of Organic Chemistry*, **2001**, 2001, 3039	3.2	22
251	A convenient and asymmetric protocol for the synthesis of natural products containing chiral alkyl chains via Zr-catalyzed asymmetric carboalumination of alkenes. Synthesis of phytol and vitamins E and K. *Organic Letters*, **2001**, 3, 3253-6	6.2	54
250	A novel, selective, and efficient route to carotenoids and related natural products via Zr-catalyzed carboalumination and Pd- and Zn-catalyzed cross coupling. *Organic Letters*, **2001**, 3, 719-22	6.2	73

249	Highly satisfactory procedures for the Pd-catalyzed cross coupling of aryl electrophiles with in situ generated alkynylzinc derivatives. *Organic Letters*, **2001**, 3, 3111-3	6.2	84
248	Strictly Regiocontrolled □-Monosubstitution of Cyclic Carbonyl Compounds with Alkynyl and Alkyl Groups via Pd-Catalyzed Coupling of Cyclic □-Iodoenones with Organozincs. *Tetrahedron*, **2000**, 56, 10197-10207	2.4	47
247	A general method for the synthesis of E and/or Z oligoisoprenoids based on Pd-catalyzed homoallyl-alkenyl and homopropargyl-alkenyl cross coupling and Zr-catalyzed carboalumination. *Polyhedron*, **2000**, 19, 591-592	2.7	5
246	Ethylzincation of Monosubstituted Alkenes Catalyzed by EtMgBr□Cl2ZrCp2 and Palladium-Catalyzed Cross Coupling of the Resultant Diisoalkylzinc Derivatives. *Organometallics*, **2000**, 19, 2417-2419	3.8	31
245	A strictly "pair"-selective synthesis of conjugated diynes via Pd-catalyzed cross coupling of 1,3-diynylzincs: a superior alternative to the Cadiot-Chodkiewicz reaction. *Organic Letters*, **2000**, 2, 3687-9	6.2	47
244	An efficient and stereoselective synthesis of xerulin via Pd-catalyzed cross coupling and lactonization featuring (E)-Iodobromoethylene as a novel two-carbon synthon. *Organic Letters*, **2000**, 2, 65-7	6.2	62
243	A highly efficient and selective synthesis of lissoclinolide featuring hydrogen transfer hydrozirconation,trans-selective Pd-catalyzed cross coupling of alkenylzirconiums with 1,1-dibromoalkenes and Ag-catalyzed lactonization providing(Z)-□alkylidenebutenolides. *Tetrahedron Letters*, **1999**, 40, 431-434	2	75
242	Synthesis of □-iodo-□,□unsaturated ketones by the reaction of □-silyl-□,□unsaturated ketones with ICl or ICl?AlCl3. *Tetrahedron Letters*, **1999**, 40, 3839-3842	2	33
241	Novel and selective □-substitution of ketones and other carbonyl compounds based on Pd-catalyzed cross coupling of □,□unsaturated carbonyl derivatives containing □-halogen or □-metal groups. *Journal of Organometallic Chemistry*, **1999**, 576, 179-194	2.3	47
240	Principle of Activation of Electrophiles by Electrophiles through Dimeric Association□Two Are Better than One. *Chemistry - A European Journal*, **1999**, 5, 411-420	4.8	67
239	Highly Chemo-, Regio-, and Stereoselective Carbon□Carbon Bond Formation via Migratory Insertion Reaction of Zirconacyclopentene Derivatives and Alkynyl Metals Containing Li and Mg. Novel Synthesis of 1,5-Dienes and 1,5-Enynes. *Journal of the American Chemical Society*, **1999**, 121, 11223-11224	16.4	29
238	Palladium-catalyzed highly diastereoselective cyclic carbopalladation-carbonylative esterification tandem reaction of iododienes and iodoarylalkenes. *Organic Letters*, **1999**, 1, 165-7	6.2	33
237	Zirconium-catalyzed and zirconium-promoted cyclization reactions of non-conjugated dienes with alkylmagnesium halides to give cycloalkylmethylmagnesium derivatives. *Inorganica Chimica Acta*, **1998**, 280, 8-20	2.7	23
236	Strictly regio- and stereo-controlled □-alkenylation of bicyclic enone derivatives via palladium-catalyzed cross coupling and its application to a formal synthesis of (□)-carbacyclin. *Tetrahedron*, **1998**, 54, 7057-7074	2.4	23
235	Carbozincation of Enynes Catalyzed by Titanium(IV) Alkoxides and Alkylmagnesium Derivatives□ *Journal of the American Chemical Society*, **1998**, 120, 5345-5346	16.4	23
234	Selective Intermolecular Coupling of Alkynes with Nitriles and Ketones via beta,beta' Carbon-Carbon Bond Cleavage of Zirconacyclopentenes. *Journal of Organic Chemistry*, **1998**, 63, 6802-6806	4.2	82
233	Alkene and Alkyne Complexes of Zirconocene. Their Preparation, Structure, and Novel Transformations. *Bulletin of the Chemical Society of Japan*, **1998**, 71, 755-769	5.1	143
232	Highly Efficient and Selective Procedures for the Synthesis of □Alkylidenebutenolides via Palladium-Catalyzed Ene-Yne Coupling and Palladium- or Silver Catalyzed Lactonization of (Z)-2-En-4-ynoic Acids. Synthesis of Rubrolides A, C, D, and E. *Synthesis*, **1997**, 1997, 121-128	2.9	79

231	Direct Synthesis of Heteroarylethynes via Palladium-catalyzed Coupling of Heteroaryl Halides with EthynylzincHalides. Its Application to an Efficient Synthesis of a Thiophenelactone from Chamaemelum nobile L.. *Heterocycles*, **1997**, 46, 209	0.8	30
230	Carbometalation Reactions of Diphenylacetylene and Other Alkynes with Methylalanes and Titanocene Derivatives. *Organometallics*, **1997**, 16, 951-957	3.8	17
229	Synthesis of Hydrazulenes via Zr-Promoted Bicyclization of Enynes and Transition Metal-Catalyzed or Radical Cyclization of Alkenyl Iodides. Efficient Synthesis of (+/-)-7-epi-beta-Bulnesene. *Journal of Organic Chemistry*, **1997**, 62, 1922-1923	4.2	26
228	Direct Synthesis of Terminal Alkynes via Pd-Catalyzed Cross Coupling of Aryl and Alkenyl Halides with Ethynylmetals Containing Zn, Mg, and Sn. Critical Comparison of Countercations. *Journal of Organic Chemistry*, **1997**, 62, 8957-8960	4.2	77
227	Efficient and Stereoselective Synthesis of Freelingyne via Pd-Catalyzed Cross Coupling and Lactonization(1). *Journal of Organic Chemistry*, **1997**, 62, 8591-8594	4.2	54
226	Anti-Carbometalation of Homopropargyl Alcohols and Their Higher Homologues via Non-Chelation-Controlled Syn-Carbometalation and Chelation-Controlled Isomerization. *Journal of Organic Chemistry*, **1997**, 62, 784-785	4.2	82
225	Regio- and stereoselective synthesis of -alkylidenebutenolides and related compounds. *Tetrahedron*, **1997**, 53, 6707-6738	2.4	200
224	An efficient and selective synthesis of nakienone A involving a novel protocol for -alkenylation of ketones via palladium-catalyzed alkenyl-alkenyl coupling. *Tetrahedron Letters*, **1997**, 38, 525-528	2	29
223	Palladium-Catalyzed Carbonylative Cyclization of 1-Iodo-2-alkenylbenzenes. *Journal of the American Chemical Society*, **1996**, 118, 5904-5918	16.4	120
222	Cyclic Carbopalladation. A Versatile Synthetic Methodology for the Construction of Cyclic Organic Compounds. *Chemical Reviews*, **1996**, 96, 365-394	68.1	611
221	Zirconium-Catalyzed Enantioselective Alkylalumination of Monosubstituted Alkenes Proceeding via Noncyclic Mechanism. *Journal of the American Chemical Society*, **1996**, 118, 1577-1578	16.4	150
220	Palladium-Catalyzed Cyclization of 1-Iodo-Substituted 1,4-, 1,5-, and 1,6-Dienes as Well as of 5-Iodo-1,5-dienes in the Presence of Carbon Monoxide. *Journal of the American Chemical Society*, **1996**, 118, 5919-5931	16.4	74
219	An odyssey from stoichiometric carbotitanation of alkynes to zirconium-catalysed enantioselective carboalumination of alkenes. *Chemical Society Reviews*, **1996**, 25, 417	58.5	74
218	Multiple Mechanistic Pathways for Zirconium-Catalyzed Carboalumination of Alkynes. Requirements for Cyclic Carbometalation Processes Involving CH Activation. *Journal of the American Chemical Society*, **1996**, 118, 9577-9588	16.4	120
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