

Yoshinori Yamamoto

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2113159/yoshinori-yamamoto-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

801 papers	39,213 citations	95 h-index	158 g-index
1,107 ext. papers	42,394 ext. citations	6.3 avg, IF	7.53 L-index

#	Paper	IF	Citations
801	Palladium-Catalyzed Tail-to-Tail Reductive Dimerization of Terminal Alkynes to 2,3- Dibranched Butadienes.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
800	A Strategy for Amide C-N Bond Activation with Ruthenium Catalyst: Selective Aromatic Acylation. <i>Organic Letters</i> , 2021 , 23, 2521-2526	6.2	9
799	Unsupported Nanoporous Palladium Catalyst for Highly Selective Hydrogenation of Carbon Dioxide and Sodium Bicarbonate into Formate. <i>ChemCatChem</i> , 2021 , 13, 2702-2708	5.2	2
798	Interweaving Visible-Light and Iron Catalysis for Nitrene Formation and Transformation with Dioxazolones. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16426-16435	16.4	15
797	Benzyl Palladium Intermediates: Unique and Versatile Reactive Intermediates for Aromatic Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 587-601	5.6	8
796	Chiral Indolizidine Synthesis through the Ir-Catalyzed Asymmetric Hydrogenation of Cyclic Pyridinium Salts. <i>Journal of Organic Chemistry</i> , 2021 , 86, 10773-10781	4.2	0
795	[3 + 2] Cycloaddition of β -Aryl- β -diazoacetates with Terminal Alkynes via the Cooperative Catalysis of Palladium and Acid. <i>ACS Catalysis</i> , 2021 , 11, 10789-10795	13.1	3
794	Copper-Catalyzed One-Pot Synthesis of 1,3-Enynes from 2-Chloro--(quinolin-8-yl)acetamides and Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8740-8748	4.2	0
793	Effect of Nanoporous Structure on the Catalytic Activity of Nanoporous Palladium for Hydrogenation of Nitro Compounds. <i>ChemistrySelect</i> , 2020 , 5, 7086-7092	1.8	1
792	Cooperative Catalysis of Copper, Silver, and Brønsted Acid for Three-Component Carboamination of Arylalkenes with Allylic Alcohols and Nitriles. <i>ChemCatChem</i> , 2020 , 12, 5200-5208	5.2	3
791	Convenient synthesis of tetracoordinated organoboron compounds via C-H borylation of aryl-N-heteroaromatics with TFOB Bu ₂ . <i>Tetrahedron Letters</i> , 2020 , 61, 152199	2	2
790	Development of Nanoporous Metal Skeleton Catalysts for Organic Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020 , 78, 98-108	0.2	
789	Hydrodebromination of Aromatic Bromides Catalyzed by Unsupported Nanoporous Gold: Heterolytic Cleavage of Hydrogen Molecule. <i>ChemCatChem</i> , 2020 , 12, 4951-4957	5.2	1
788	Synthesis of 1-Indole-2,3-dicarboxylates via Rhodium-Catalyzed C-H Annulation of Arylhydrazines with Maleates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 12544-12552	4.2	2
787	Transition-metal-free decarboxylative halogenation of 2-picolinic acids with dihalomethane under oxygen conditions. <i>Green Chemistry</i> , 2019 , 21, 5565-5570	10	7
786	Rhodium(iii)-catalyzed aromatic C-H cyanation with dimethylmalononitrile as a cyanating agent. <i>Chemical Communications</i> , 2019 , 55, 1209-1212	5.8	15
785	Unsupported Nanoporous Gold-Catalyzed Chemoselective Reduction of Quinolines Using Formic Acid as a Hydrogen Source. <i>ChemistrySelect</i> , 2019 , 4, 6572-6577	1.8	4

784	Rhodium(III)-Catalyzed Oxidative [3 + 2] Annulation of 2-Acetyl-1-arylhydrazines with Maleimides: Synthesis of Pyrrolo[3,4-]indole-1,3-diones. <i>Organic Letters</i> , 2019 , 21, 8563-8567	6.2	19
783	Heterogeneous Catalytic Reduction of Tertiary Amides with Hydrosilanes Using Unsupported Nanoporous Gold Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4817-4824	5.6	6
782	Catalytic Performance of Nanoporous Metal Skeleton Catalysts for Molecular Transformations. <i>ChemSusChem</i> , 2019 , 12, 2936-2954	8.3	16
781	Direct Carbohydroxylation of Arylalkenes with Allylic Alcohols: Cooperative Catalysis of Copper, Silver, and a Brønsted Acid. <i>Angewandte Chemie</i> , 2019 , 131, 2517-2521	3.6	5
780	Direct Carbohydroxylation of Arylalkenes with Allylic Alcohols: Cooperative Catalysis of Copper, Silver, and a Brønsted Acid. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2495-2499	16.4	12
779	Manganese-Catalyzed C _H Cyanation of Arenes with N-Cyano-N-(4-methoxy)phenyl-p-toluenesulfonamide. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 550-553	5.3	19
778	Synthesis of Quinazolin-4(3 H)-ones via the Reaction of 2-Halobenzamides with Nitriles. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10352-10358	4.2	27
777	Carboxylative Suzuki coupling reactions of benzyl chlorides with allyl pinacolborate catalyzed by palladium nanoparticles. <i>Chinese Journal of Catalysis</i> , 2018 , 39, 1258-1262	11.3	4
776	Brønsted acid-catalyzed metal- and solvent-free quinoline synthesis from N-alkyl anilines and alkynes or alkenes. <i>Green Chemistry</i> , 2018 , 20, 261-265	10	37
775	Metal-Free Decarboxylative Alkoxylation of 2-Picolinic Acid and Its Derivatives with Cyclic Ethers: One Step Construction of C-O and C-Cl Bonds. <i>Organic Letters</i> , 2018 , 20, 6780-6784	6.2	8
774	Palladium-Catalyzed Ligand-Controlled Regioselective Nucleophilic Aromatic Substitution of 1-(Chloromethyl)naphthalenes with Arylacetonitriles. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13981-13990	4.2	6
773	Transition-Metal-Free Decarboxylative Arylation of 2-Picolinic Acids with Arenes under Air Conditions. <i>Organic Letters</i> , 2018 , 20, 7095-7099	6.2	13
772	Unsupported nanoporous palladium-catalyzed chemoselective hydrogenation of quinolines: Heterolytic cleavage of H ₂ molecule. <i>Chinese Journal of Catalysis</i> , 2018 , 39, 1746-1752	11.3	9
771	Nanoporous Gold-Catalyzed Diboration of Methylenecyclopropanes via a Distal Bond Cleavage. <i>ACS Catalysis</i> , 2018 , 8, 5901-5906	13.1	15
770	Pd-Catalyzed Consecutive C-H-Arylation-Triggered Cyclotrimerization: Synthesis of Star-Shaped Benzotrithiazoles and Benzotrisoxazoles. <i>Chemistry - A European Journal</i> , 2018 , 24, 9041-9050	4.8	6
769	Pd-Catalyzed cascade cyclization of o-alkynylanilines via C-H/C-N bond cleavage leading to dibenzo[a,c]carbazoles. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5236-5240	3.9	8
768	Comparative Study of Single and Dual Gain-Narrowed Emission in Thiophene/Furan/Phenylene Co-Oligomer Single Crystals. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 2364-2368	3.8	8
767	Synthesis of 5H-Dibenzo[c,e]azepine-5,7(6H)-diones from Benzamides via Palladium-Catalyzed Double C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2288-2293	4.2	10

766	Stereoselective Synthesis of Vinyl Iodides through Copper(I)-Catalyzed Finkelstein-Type Halide-Exchange Reaction. <i>Synthesis</i> , 2017 , 49, 2727-2732	2.9	9
765	Palladium-Catalyzed sp-sp Coupling of Chloromethylarenes with Allyltrimethoxysilane: Synthesis of Allyl Arenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 5974-5980	4.2	13
764	Palladium-Catalyzed Regioselective Allylation of Chloromethyl(hetero)arenes with Allyl Pinacolborate. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2723-2728	5.6	19
763	Synthesis of extended polycyclic aromatic hydrocarbons by oxidative tandem spirocyclization and 1,2-aryl migration. <i>Nature Communications</i> , 2017 , 8, 15073	17.4	36
762	Copper(II)-Catalyzed and Chelation-Induced Remote C-H Halogenation of Quinolines under Neutral Conditions. <i>ChemistrySelect</i> , 2017 , 2, 3414-3418	1.8	11
761	Carboxylative Coupling of Chloromethyl(hetero)arenes with Allyltrimethoxysilane Catalyzed by Palladium Nanoparticles. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 177-183	3	7
760	Synthesis and Properties of Dicyanomethylene-Endcapped Thienopyrrole-Based Quinoidal S,N-Heteroacenes. <i>Bulletin of the Chemical Society of Japan</i> , 2017 , 90, 789-797	5.1	9
759	Unsupported Nanoporous Gold-Catalyzed Chemoselective Reduction of α,β -Unsaturated Aldehydes Using Formic Acid as Hydrogen Source. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 867-872	3	8
758	Highly Selective Semihydrogenation of Alkynes to Alkenes by Using an Unsupported Nanoporous Palladium Catalyst: No Leaching of Palladium into the Reaction Mixture. <i>ACS Catalysis</i> , 2017 , 7, 8296-8303	13.1	45
757	Intermolecular Amidation of Quinoline N-Oxides with Arylsulfonamides under Metal-Free Conditions. <i>Organic Letters</i> , 2017 , 19, 6088-6091	6.2	29
756	Rhodium-Catalyzed Oxidative Benzannulation of N-Adamantyl-1-naphthylamines with Internal Alkynes via Dual C-H Bond Activation: Synthesis of Substituted Anthracenes. <i>Organic Letters</i> , 2016 , 18, 4246-9	6.2	34
755	Unsupported Nanoporous Gold Catalyst for Chemoselective Hydrogenation Reactions under Low Pressure: Effect of Residual Silver on the Reaction. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10356-64	16.4	72
754	1-Naphthol Synthesis through Base-Promoted S _N Ar Reactions of ortho-Haloacetophenones Followed by Lewis-Acid-Catalyzed Cyclization. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 699-704	3	6
753	Selective synthesis of δ -lactone via palladium nanoparticles-catalyzed telomerization of CO ₂ with 1,3-butadiene. <i>Tetrahedron Letters</i> , 2016 , 57, 3163-3166	2	12
752	Palladium-catalyzed propargylative and allenylative dearomatization of 2-(chloromethyl)thiophenes: remarkable effect of solvents. <i>Tetrahedron</i> , 2016 , 72, 170-175	2.4	3
751	FeCl ₃ -Mediated Oxidative Spirocyclization of Difluorenylidene Diarylethanes Leading to Dispiro[fluorene-9,5'-indeno[2,1-a]indene-10',9''-fluorene]s. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 259-63	16.4	20
750	Copper-catalyzed conversion of aryl and heteroaryl bromides into the corresponding iodide. <i>Catalysis Today</i> , 2016 , 274, 129-132	5.3	8
749	Biphenyl end-capped bithiazole co-oligomers for high performance organic thin film field effect transistors. <i>Chemical Communications</i> , 2016 , 52, 4926-9	5.8	12

748	2-Positional pyrene end-capped oligothiophenes for high performance organic field effect transistors. <i>Chemical Communications</i> , 2016 , 52, 4800-3	5.8	35
747	EConjugated carbocycles and heterocycles via annulation through C-H and X-Y activation across CC triple bonds. <i>Arkivoc</i> , 2016 , 2016, 9-41	0.9	2
746	FeCl ₃ -Mediated Oxidative Spirocyclization of Difluorenylidene Diarylethanes Leading to Dispiro[fluorene-9,5?-indeno[2,1-a]indene-10?,9??-fluorene]s. <i>Angewandte Chemie</i> , 2016 , 128, 267-271	3.6	2
745	N-Methyl Transfer Induced Copper-Mediated Oxidative Diamination of Alkynes. <i>Organic Letters</i> , 2016 , 18, 2487-90	6.2	38
744	Copper-Catalyzed Aza-Diels-Alder Reaction and Halogenation: An Approach To Synthesize 7-Halogenated Chromenoquinolines. <i>Organic Letters</i> , 2016 , 18, 2491-4	6.2	30
743	Rhodium-Catalyzed Oxidative Benzannulation of N-Pivaloylanilines with Internal Alkynes through Dual C-H Bond Activation: Synthesis of Highly Substituted Naphthalenes. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3241-3250	4.5	7
742	Convergent synthesis of the EFGH ring system of ciguatoxin CTX3C. <i>Tetrahedron</i> , 2015 , 71, 6547-6558	2.4	4
741	Tunneling Desorption of Single Hydrogen on the Surface of Titanium Dioxide. <i>ACS Nano</i> , 2015 , 9, 6837-426.7	20	
740	Highly efficient heterogeneous aerobic cross-dehydrogenative coupling via C-H functionalization of tertiary amines using a nanoporous gold skeleton catalyst. <i>Chemical Communications</i> , 2015 , 51, 12764-7	5.8	54
739	Efficient thieno[3,2-a]carbazole-based organic dyes for dye-sensitized solar cells. <i>Tetrahedron</i> , 2015 , 71, 6534-6540	2.4	7
738	Ni-Catalyzed direct 1,4-difunctionalization of [60]fullerene with benzyl bromides. <i>Chemical Communications</i> , 2015 , 51, 6392-4	5.8	33
737	Isoquinolone synthesis through S(N)Ar reaction of 2-halobenzonitriles with ketones followed by cyclization. <i>Journal of Organic Chemistry</i> , 2015 , 80, 3998-4002	4.2	25
736	Carboxylative coupling reaction of five-membered (chloromethyl)heteroarenes with allyltributylstannane catalyzed by palladium nanoparticles. <i>Tetrahedron Letters</i> , 2015 , 56, 6747-6750	2	14
735	Pd-catalyzed cascade cyclization of o -alkynylaryl bromides with dialkylalkynes via consecutive carbopalladation. <i>Tetrahedron Letters</i> , 2015 , 56, 3133-3136	2	2
734	Highly chemoselective reduction of imines using a AuNPore/PhMe ₂ SiH/water system and its application to reductive amination. <i>Tetrahedron</i> , 2015 , 71, 7154-7158	2.4	20
733	Manganese powder promoted highly efficient and selective synthesis of fullerene mono- and biscycloadducts at room temperature. <i>Scientific Reports</i> , 2015 , 5, 13920	4.9	4
732	Synthesis and Performance of New Organic Dyes and Functional Fullerenes for Organic Solar Cells. <i>ACS Symposium Series</i> , 2015 , 193-236	0.4	1
731	Applications of Metal Nanopore Catalysts in Organic Synthesis. <i>Synlett</i> , 2015 , 26, 2355-2380	2.2	15

730	Palladium-catalyzed regioselective allylation of five-membered heteroarenes with allyltributylstannane. <i>Chemical Communications</i> , 2015 , 51, 3842-5	5.8	30
729	Triflic acid mediated cascade cyclization of aryldiynes for the synthesis of indeno[1,2-c]chromenes: application to dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 2015 , 21, 4065-70	4.8	24
728	Synthesis of allylated quinolines/isoquinolines via palladium-catalyzed cyclization-allylation of azides and allyl methyl carbonate. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3227-35	3.9	12
727	Thieno[2,3,a]carbazole donor-based organic dyes for high efficiency dye-sensitized solar cells. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 253-258	5.2	12
726	Metal-catalyzed annulation reactions for π -conjugated polycycles. <i>Chemistry - A European Journal</i> , 2014 , 20, 3554-76	4.8	122
725	Gold nanoparticle (AuNPs) and gold nanopore (AuNPore) catalysts in organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2005-27	3.9	151
724	Efficient approach to allylated quinolines via palladium-catalyzed cyclization-allylation of 1-azido-2-(2-propynyl) benzenes with allyl methyl carbonate. <i>Tetrahedron Letters</i> , 2014 , 55, 1552-1556	2	5
723	Cu-catalyzed C-H amination of hydrofullerenes leading to 1,4-difunctionalized fullerenes. <i>Organic Letters</i> , 2014 , 16, 620-3	6.2	44
722	Fabrication of Pd/Ni@Metallic Glass Nanoparticles and Their Application as Highly Durable Catalysts in Methanol Electro-oxidation. <i>Chemistry of Materials</i> , 2014 , 26, 1056-1061	9.6	99
721	Convenient synthesis of benzothiazoles and benzimidazoles through Brønsted acid catalyzed cyclization of 2-amino thiophenols/anilines with α -diketones. <i>Organic Letters</i> , 2014 , 16, 764-7	6.2	115
720	NBS-promoted oxidation of fullerene monoradicals leading to regioselective 1,4-difunctional fullerenes. <i>Chemical Communications</i> , 2014 , 50, 15730-2	5.8	11
719	The synergistic effect of nanoporous AuPd alloy catalysts on highly chemoselective 1,4-hydrosilylation of conjugated cyclic enones. <i>Chemical Communications</i> , 2014 , 50, 3344-6	5.8	27
718	Carboxylic acid-catalyzed highly efficient and selective hydroboration of alkynes with pinacolborane. <i>Organic Letters</i> , 2014 , 16, 4670-3	6.2	73
717	Chemoselective reduction of α,β -unsaturated aldehydes using an unsupported nanoporous gold catalyst. <i>Chemical Communications</i> , 2014 , 50, 14401-4	5.8	33
716	Carbonylative Stille coupling reactions of benzyl chlorides with allyltributylstannane catalyzed by palladium nanoparticles. <i>Tetrahedron</i> , 2014 , 70, 7166-7171	2.4	12
715	GOLD-CATALYZED ADDITION OF HETEROATOM NUCLEOPHILE TO C=C MULTIPLE BOND. <i>Catalytic Science Series</i> , 2014 , 137-174	0.4	
714	Rh(III)-catalyzed regioselective functionalization of C-H bonds of naphthylcarbamates for oxidative annulation with alkynes. <i>Organic Letters</i> , 2014 , 16, 4830-3	6.2	65
713	Exclusive chemoselective reduction of imines in the coexistence of aldehydes using AuNPore catalyst. <i>Organic Letters</i> , 2014 , 16, 2558-61	6.2	35

712	Pd-catalyzed synthesis of 9,9'-bifluorenylidene derivatives via dual C-H activation of bis-biaryl alkynes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9540-3	16.4	51
711	Synthesis of benzoxazoles from 2-aminophenols and diketones using a combined catalyst of Brsted acid and copper iodide. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6310-4	4.2	48
710	Gold-Catalyzed Benzannulations 2014 , 1-52		1
709	Thieno[2,3-a]carbazole-based donor-acceptor organic dyes for efficient dye-sensitized solar cells. <i>Tetrahedron</i> , 2014 , 70, 6211-6216	2.4	17
708	Palladium-Catalyzed Interceptive Decarboxylative Addition of Allyl Carbonates with Carbonyl Group. <i>Synlett</i> , 2014 , 25, 1246-1252	2.2	2
707	Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis-Allyl and Related Palladium Intermediates. <i>Synlett</i> , 2014 , 25, 359-364	2.2	0
706	Synthesis of 1,3,5-Trisubstituted Pyrazoles by the Cope-Type Hydroamination of 1,3-Dialkynes with Alkylhydrazines. <i>Synthesis</i> , 2014 , 46, 2422-2429	2.9	16
705	Palladium-Catalyzed Ring Opening of Cyclopropane-Appended Spirotricyclic Olefins with Soft Nucleophiles and Organoboronic Acids: Facile Synthesis of Functionalized Spiro[2.4]heptenes. <i>Synthesis</i> , 2014 , 46, 2629-2643	2.9	4
704	Perspectives on organic synthesis using nanoporous metal skeleton catalysts. <i>Tetrahedron</i> , 2014 , 70, 2305-2317	2.4	18
703	Pd-catalyzed cascade crossover annulation of o-alkynylarylhalides and diarylacetylenes leading to dibenzo[a,e]pentalenes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10222-5	16.4	87
702	Co-catalyzed radical cycloaddition of [60]fullerene with active dibromides: selective synthesis of carbocycle-fused fullerene monoadducts. <i>Organic Letters</i> , 2013 , 15, 4030-3	6.2	50
701	Simple indoline based donor-acceptor dye for high efficiency dye-sensitized solar cells. <i>Materials Chemistry and Physics</i> , 2013 , 142, 82-86	4.4	9
700	Efficient palladium-catalyzed cyanation of aryl/heteroaryl bromides with K ₄ [Fe(CN) ₆] in t-BuOH:H ₂ O using tris(2-morpholinophenyl)phosphine as a ligand. <i>RSC Advances</i> , 2013 , 3, 20379	3.7	13
699	Selective aerobic oxidation of methanol in the coexistence of amines by nanoporous gold catalysts: highly efficient synthesis of formamides. <i>Chemistry - A European Journal</i> , 2013 , 19, 11832-6	4.8	68
698	Deuterium isotope effect on bulk heterojunction solar cells. Enhancement of organic photovoltaic performances using monobenzyl substituted deuteriofullerene acceptors. <i>Organic Letters</i> , 2013 , 15, 5674-7	6.2	9
697	Theoretical Analysis on the Optoelectronic Properties of Single Crystals of Thiophene-furan-phenylene Co-Oligomers: Efficient Photoluminescence due to Molecular Bending. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 8072-8078	3.8	25
696	Remarkable catalytic property of nanoporous gold on activation of diborons for direct diboration of alkynes. <i>Organic Letters</i> , 2013 , 15, 5766-9	6.2	87
695	Functional 2-benzyl-1,2-dihydro[60]fullerenes as acceptors for organic photovoltaics: facile synthesis and high photovoltaic performances. <i>Tetrahedron</i> , 2013 , 69, 1302-1306	2.4	11

694	Regioselective control by a catalyst switch in palladium-catalyzed benzylallylation of arylethylidene malononitriles. <i>Journal of Organometallic Chemistry</i> , 2013 , 745-746, 177-185	2.3	5
693	Unsupported nanoporous gold catalyst for highly selective hydrogenation of quinolines. <i>Organic Letters</i> , 2013 , 15, 1484-7	6.2	87
692	Structure-property relationship of different electron donors: novel organic sensitizers based on fused dithienothiophene π -conjugated linker for high efficiency dye-sensitized solar cells. <i>Tetrahedron</i> , 2013 , 69, 3444-3450	2.4	24
691	Copper-catalyzed aldol-type addition of ketones to aromatic nitriles: a simple approach to enamione synthesis. <i>Chemical Communications</i> , 2013 , 49, 2885-7	5.8	24
690	Selective hydrosilylation of alkynes with a nanoporous gold catalyst. <i>Catalysis Science and Technology</i> , 2013 , 3, 2902	5.5	52
689	Single crystal biphenyl end-capped furan-incorporated oligomers: influence of unusual packing structure on carrier mobility and luminescence. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4163	7.1	63
688	Photoresponse on the Desorption of an Atomic Hydrogen on Titanium Dioxide Surface Induced by a Tip of Scanning Tunneling Microscope. <i>Chemistry Letters</i> , 2013 , 42, 942-943	1.7	4
687	Synthesis of new donor-acceptor-donor materials via Au-catalyzed double cascade cyclization. <i>Tetrahedron Letters</i> , 2012 , 53, 914-918	2	32
686	Palladium-catalyzed bisfunctionalization of active alkenes by β -acetonitrile- β -allyl addition: application to the synthesis of unsymmetric 1,4-di(organo)fullerene derivatives. <i>Tetrahedron Letters</i> , 2012 , 53, 1210-1213	2	6
685	Cascade cyclization of arylalkynes using iodine: synthesis of iodo-substituted benzo[b]naphtho[2,1-d]thiophene derivatives for dye-sensitized solar cells. <i>Tetrahedron Letters</i> , 2012 , 53, 1946-1950	2	33
684	Highly efficient Cu(OAc) ₂ -catalyzed dimerization of monofunctionalized hydrofullerenes leading to single-bonded [60]fullerene dimers. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 802-6	16.4	78
683	From molecular catalysts to nanostructured materials skeleton catalysts. <i>Pure and Applied Chemistry</i> , 2012 , 84, 1771-1784	2.1	26
682	Gold-Catalyzed Benzannulations: Asao-Yamamoto Benzopyrylium Pathway 2012 , 55-73		2
681	Synthesis of 2,3-dihydro-1H-inden-1-one derivatives via Ni-catalyzed intramolecular hydroacylation. <i>Tetrahedron</i> , 2012 , 68, 5223-5228	2.4	20
680	Atomic origins of the high catalytic activity of nanoporous gold. <i>Nature Materials</i> , 2012 , 11, 775-80	27	687
679	Structure-property relationship of naphthalene based donor-acceptor organic dyes for dye-sensitized solar cells: remarkable improvement of open-circuit photovoltage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22550		32
678	NaOH-catalyzed dimerization of monofunctionalized hydrofullerenes: transition-metal-free, general, and efficient synthesis of single-bonded [60]fullerene dimers. <i>Organic Letters</i> , 2012 , 14, 3466-9	6.2	28
677	Click Chemistry of Alkyne-Azide Cycloaddition using Nanostructured Copper Catalysts. <i>ChemCatChem</i> , 2012 , 4, 1217-1229	5.2	94

676 Case Study of Mechanisms in Synthetic Reactions **2012**, 603-641

675 Aerobic oxidation of alcohols in the liquid phase with nanoporous gold catalysts. *Chemical Communications*, **2012**, 48, 4540-2 5.8 71

674 Copper-catalyzed conversion of aryl and heteroaryl bromides into the corresponding chlorides. *Chemical Communications*, **2012**, 48, 9468-70 5.8 26

673 Donor-Acceptor dyes incorporating a stable dibenzosilole π -conjugated spacer for dye-sensitized solar cells. *Journal of Materials Chemistry*, **2012**, 22, 10771 43

672 Late Transition Metal-Catalyzed Hydroamination. *Topics in Organometallic Chemistry*, **2012**, 115-143 0.6 69

671 Nanoporous gold catalyst for highly selective semihydrogenation of alkynes: remarkable effect of amine additives. *Journal of the American Chemical Society*, **2012**, 134, 17536-42 16.4 176

670 Highly Efficient Cu(OAc)₂-Catalyzed Dimerization of Monofunctionalized Hydrofullerenes Leading to Single-Bonded [60]Fullerene Dimers. *Angewandte Chemie*, **2012**, 124, 826-830 3.6 3

669 A Safe and Scalable Procedure for Preparation of π -Picoline-Borane from Sodium Mono-acyloxyborohydrides and π -Picoline. *Organic Process Research and Development*, **2012**, 16, 495-498^{3,9} 4

668 Nanoporous Gold-Catalyzed [4+2] Benzannulation between ortho-Alkynylbenzaldehydes and Alkynes. *Synlett*, **2012**, 2012, 66-69 2.2 39

667 A novel metal-free panchromatic TiO₂ sensitizer based on a phenylenevinylene-conjugated unit and an indoline derivative for highly efficient dye-sensitized solar cells. *Chemical Communications*, **2011**, 47, 12400-2 5.8 63

666 Transmission of 95, times, 138 Gb/s Prefiltered PM-8QAM Signals Over 4000 km of Pure Silica-Core Fiber. *Journal of Lightwave Technology*, **2011**, 29, 2310-2318 4 17

665 Facile synthesis of diiodinated dihydronaphthalenes and naphthalenes via iodine mediated electrophilic cyclization. *Chemical Communications*, **2011**, 47, 4013-5 5.8 33

664 Gold-catalyzed alkylation of silyl enol ethers with ortho-alkynylbenzoic acid esters. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 648-52 2.5 8

663 Facile synthesis of dihaloheterocycles via electrophilic iodocyclization. *Tetrahedron*, **2011**, 67, 10147-10155¹ 37

662 Cobalt-catalyzed hydroalkylation of [60]fullerene with active alkyl bromides: selective synthesis of monoalkylated fullerenes. *Journal of the American Chemical Society*, **2011**, 133, 12842-8 16.4 79

661 Formation and properties of Au-based nanograined metallic glasses. *Acta Materialia*, **2011**, 59, 6433-6448⁴ 119

660 Reusable and Sustainable Nanostructured Skeleton Catalyst: Heck Reaction with Nanoporous Metallic Glass Pd (PdNPore) as a Support, Stabilizer and Ligand-Free Catalyst. *Advanced Synthesis and Catalysis*, **2011**, 353, 2927-2932 5.6 34

659 Nanoporous Copper Metal Catalyst in Click Chemistry: Nanoporosity-Dependent Activity without Supports and Bases. *Advanced Synthesis and Catalysis*, **2011**, 353, 3095-3100 5.6 65

658	Facile synthesis of 3,4-dihalofurans via electrophilic iodocyclization. <i>Chemical Communications</i> , 2011 , 47, 4541-3	5.8	39
657	Palladium catalyzed 1,8-conjugate addition to heptafulvene via bis-allyl palladium complexes. <i>Organic Letters</i> , 2011 , 13, 4984-7	6.2	15
656	A nanostructured skeleton catalyst: Suzuki-coupling with a reusable and sustainable nanoporous metallic glass Pd-catalyst. <i>Chemical Communications</i> , 2011 , 47, 5985-7	5.8	55
655	Triflic acid-catalyzed cascade cyclization of arenyl enynes via acetylene-cation cyclization and Friedel-Crafts type reaction. <i>Tetrahedron Letters</i> , 2011 , 52, 2069-2071	2	28
654	Facile synthesis of 3,4-diiododihydrothiophenes via electrophilic iodocyclization. <i>Tetrahedron Letters</i> , 2011 , 52, 936-938	2	24
653	Metal-Catalyzed Intramolecular Heteroatom (X)-Carbon (C) Functional Group Migration Reactions Involving Additions of X-C Bonds Across Alkynes. <i>Advances in Heterocyclic Chemistry</i> , 2010 , 75-95	2.4	26
652	Brønsted acid-catalyzed cascade cycloisomerization of enynes via acetylene cations and sp ³ -hybridized C-H bond activation. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5590-1	16.4	62
651	Palladium-catalyzed three-component [3 + 2] cycloaddition of propargyl trifluoroacetates, ethylidene malononitriles, and allyltributylstannane. <i>Organic Letters</i> , 2010 , 12, 864-6	6.2	6
650	A method for the synthesis of substituted quinolines via electrophilic cyclization of 1-azido-2-(2-propynyl)benzene. <i>Journal of Organic Chemistry</i> , 2010 , 75, 1266-70	4.2	120
649	Benzannulation from alkyne without metallic catalysts at room temperature to 100 degrees C. <i>Organic Letters</i> , 2010 , 12, 388-90	6.2	14
648	OSNR-Enhancing Pure-Silica-Core Fiber with Large Effective Area and Low Attenuation 2010 ,		9
647	Palladium-Catalyzed Bis-Functionalization of Isatylidenes: A Facile Route towards Spiro-Indol-2-ones. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 5489-5497	3.2	10
646	Novel [3 + 2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium.. <i>ChemInform</i> , 2010 , 32, no-no		1
645	Highly Stereocontrolled Formal Total Synthesis of Hemibrevetoxin B. <i>Bulletin Des Sociétés Chimiques Belges</i> , 2010 , 103, 619-628		7
644	Nanostructured Materials as Catalysts: Nanoporous-Gold-Catalyzed Oxidation of Organosilanes with Water. <i>Angewandte Chemie</i> , 2010 , 122, 10291-10293	3.6	44
643	Nanostructured materials as catalysts: nanoporous-gold-catalyzed oxidation of organosilanes with water. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 10093-5	16.4	190
642	Total synthesis of brevenal. <i>Tetrahedron</i> , 2010 , 66, 5329-5344	2.4	19
641	Gold-catalyzed regiospecific intermolecular hydrothiolation of allenes. <i>Tetrahedron Letters</i> , 2010 , 51, 4627-4629	2	39

640	Total synthesis of brevenal. <i>Organic Letters</i> , 2009 , 11, 2531-4	6.2	60
639	Stereochemical Control by an Ester Group or Olefin Ligand in Platinum-Catalyzed Carboalkoxylation of 6-(1-Alkoxyethoxy)-hex-2-ynoates. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1089-1100	5.6	21
638	Triflic Acid Catalyzed Synthesis of Spirocycles via Acetylene Cations. <i>Angewandte Chemie</i> , 2009 , 121, 6007-6010	3.6	21
637	Triflic acid catalyzed synthesis of spirocycles via acetylene cations. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5893-6	16.4	67
636	Gold-catalyzed hydrofunctionalization of allenes with nitrogen and oxygen nucleophiles and its mechanistic insight. <i>Tetrahedron</i> , 2009 , 65, 1799-1808	2.4	94
635	Convergent synthesis of the A _B ring segment of ciguatoxin CTX3C. <i>Tetrahedron</i> , 2009 , 65, 7784-7789	2.4	18
634	Gold-catalyzed synthesis of isoquinolines via intramolecular cyclization of 2-alkynyl benzyl azides. <i>Tetrahedron Letters</i> , 2009 , 50, 3651-3653	2	53
633	Alkyne activation with Brønsted acids, iodine, or gold complexes, and its fate leading to synthetic application. <i>Chemical Communications</i> , 2009 , 5075-87	5.8	269
632	Facile and efficient synthesis of indazole derivatives by 1,3-cycloaddition of arynes with diazo compounds and azomethine imides. <i>Collection of Czechoslovak Chemical Communications</i> , 2009 , 74, 957-972		10
631	TfOH-catalyzed intramolecular alkyne-ketone metathesis leading to highly substituted five-membered cyclic enones. <i>Chemical Communications</i> , 2009 , 3533-5	5.8	70
630	Iodine-mediated electrophilic cyclization of 2-alkynyl-1-methylene azide aromatics leading to highly substituted isoquinolines and its application to the synthesis of norchelerythrine. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15720-5	16.4	173
629	Coinage metal-assisted synthesis of heterocycles. <i>Chemical Reviews</i> , 2008 , 108, 3395-442	68.1	1034
628	Gold-catalyzed synthesis of polycyclic enones from carbon tethered 1,3-enynyl carbonyls via tandem heteroenyne metathesis and Nazarov reaction. <i>Organic Letters</i> , 2008 , 10, 3137-9	6.2	132
627	Synthesis of multisubstituted 2-(dihydrofuran-2(3H)-ylidene)acetates via intramolecular carboalkoxylation by platinum-olefin catalyst system. <i>Organic Letters</i> , 2008 , 10, 309-12	6.2	36
626	Catalytic asymmetric intramolecular hydroamination of alkynes in the presence of a catalyst system consisting of Pd(0)-methyl Norphos (or tolyl Renorphos)-benzoic acid. <i>Journal of Organic Chemistry</i> , 2008 , 73, 9698-709	4.2	78
625	Chirality transfer in gold-catalyzed carbothiolation of o-alkynylphenyl 1-arylethyl sulfides. <i>Organic Letters</i> , 2008 , 10, 2649-51	6.2	121
624	Silver-Catalyzed Synthesis of 1,2-Dihydroisoquinolines through Direct Addition of Carbon Pronucleophiles to ortho-Alkynylaryl Aldimines. <i>Heterocycles</i> , 2008 , 76, 471	0.8	11
623	Carbocycle synthesis through facile and efficient palladium-catalyzed allylative de-aromatization of naphthalene and phenanthrene allyl chlorides. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4366-9	16.4	54

622	Carbocycle Synthesis through Facile and Efficient Palladium-Catalyzed Allylative De-aromatization of Naphthalene and Phenanthrene Allyl Chlorides. <i>Angewandte Chemie</i> , 2008 , 120, 4438-4441	3.6	14
621	Copper-catalyzed synthesis of 5-substituted 1H-tetrazoles via the [3+2] cycloaddition of nitriles and trimethylsilyl azide. <i>Tetrahedron Letters</i> , 2008 , 49, 2824-2827	2	162
620	A cross-metathesis approach to the stereocontrolled synthesis of the AB ring segment of ciguatoxin. <i>Tetrahedron Letters</i> , 2008 , 49, 3643-3647	2	13
619	Zinc cyanide mediated direct β -cyanation of isonicotinic acid N-oxide. Application to the synthesis of FYX-051, a xanthine oxidoreductase inhibitor. <i>Tetrahedron Letters</i> , 2008 , 49, 4369-4371	2	6
618	Gold-catalyzed intermolecular hydroalkoxylation of allenes; difference in mechanism between hydroalkoxylation and hydroamination. <i>Tetrahedron Letters</i> , 2008 , 49, 4908-4911	2	65
617	Iodine-mediated electrophilic cyclization of 2-alkynylbenzaldoximes leading to the formation of iodoisoquinoline N-oxides. <i>Tetrahedron Letters</i> , 2008 , 49, 5531-5533	2	84
616	Introduction: Coinage metals in organic synthesis. <i>Chemical Reviews</i> , 2008 , 108, 2793-5	68.1	139
615	Synthesis of 3- and 6-sulfonylindoles from ortho-alkynyl-N-sulfonylanilines by the use of Lewis acidic transition-metal catalysts. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 285-95	4.5	40
614	Synthesis of 5-substituted 1H-tetrazoles by the copper-catalyzed [3+2] cycloaddition of nitriles and trimethylsilyl azide. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1575-80	4.5	43
613	Gold-catalyzed cyclization of (ortho-alkynylphenylthio)silanes: intramolecular capture of the vinyl-Au intermediate by the silicon electrophile. <i>Organic Letters</i> , 2007 , 9, 4081-3	6.2	124
612	Solvent-controlled stereoselective formation of a cyclic ether in the lewis acid-mediated allylation of an alpha-chloroacetoxy acyclic ether. Very high stereoselectivity in CH ₃ CN vs low stereoselectivity in CH ₂ Cl ₂ . <i>Journal of Organic Chemistry</i> , 2007 , 72, 8371-5	4.2	12
611	Gold-catalyzed intramolecular carbocyclization of alkynyl ketones leading to highly substituted cyclic enones. <i>Organic Letters</i> , 2007 , 9, 5259-62	6.2	128
610	Mechanism and chemoselectivity of the Pd(II)-catalyzed allylation of aldehydes: a density functional theory study. <i>Journal of Organic Chemistry</i> , 2007 , 72, 861-9	4.2	19
609	Triethylborane 2007 ,		1
608	A route to 2-substituted tetrahydroquinolines via palladium-catalyzed intramolecular hydroamination of anilino-alkynes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 6577-9	4.2	74
607	Gold- and indium-catalyzed synthesis of 3- and 6-sulfonylindoles from ortho-alkynyl-N-sulfonylanilines. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2284-7	16.4	197
606	An efficient, facile, and general synthesis of 1h-indazoles by 1,3-dipolar cycloaddition of arynes with diazomethane derivatives. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3323-5	16.4	134
605	Synthesis of 1,3,4-trisubstituted isoquinolines by iodine-mediated electrophilic cyclization of 2-alkynyl benzyl azides. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4764-6	16.4	149

604	Gold- and Indium-Catalyzed Synthesis of 3- and 6-Sulfonylindoles from ortho-Alkynyl-N-sulfonylanilines. <i>Angewandte Chemie</i> , 2007 , 119, 2334-2337	3.6	70
603	An Efficient, Facile, and General Synthesis of 1H-Indazoles by 1,3-Dipolar Cycloaddition of Arynes with Diazomethane Derivatives. <i>Angewandte Chemie</i> , 2007 , 119, 3387-3389	3.6	30
602	Synthesis of 1,3,4-Trisubstituted Isoquinolines by Iodine-Mediated Electrophilic Cyclization of 2-Alkynyl Benzyl Azides. <i>Angewandte Chemie</i> , 2007 , 119, 4848-4850	3.6	38
601	Suppression of β -Hydride Elimination in the Intramolecular Hydrocarboxylation of Alkynes leading to the Formation of Lactones. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 680-684	5.6	30
600	Thermally Induced [2+2] Cycloadditions of (Benzyloxymethylene)cyclopropane with Alkylidenemalononitriles. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4479-4482	3.2	16
599	Palladium catalyzed three component coupling reaction between chromones, alcohols, and allylic acetates: diversity-oriented synthesis of highly substituted chromones. <i>Tetrahedron</i> , 2007 , 63, 5954-5961	7.4	12
598	Synthesis of 2,3-disubstituted benzofurans and indoles by β -Lewis acidic transition metal-catalyzed cyclization of ortho-alkynylphenyl O,O- and N,O-acetals. <i>Tetrahedron</i> , 2007 , 63, 8670-8676	2.4	71
597	A convergent approach to the formal total synthesis of hemibrevetoxin B. <i>Tetrahedron Letters</i> , 2007 , 48, 219-221	2	13
596	Synthesis of 1,2,3,4-tetrasubstituted pyrrole derivatives via the palladium-catalyzed reaction of 1,3-diketones with methyleneaziridines. <i>Tetrahedron Letters</i> , 2007 , 48, 2267-2270	2	21
595	Recent progress in the catalytic synthesis of imidazoles. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 568-78	4.5	89
594	From sigma- to pi-electrophilic Lewis acids. Application to selective organic transformations. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7817-31	4.2	348
593	Palladium-Catalyzed Cascade Reactions of Highly Activated Olefins. <i>Synlett</i> , 2007 , 2007, 1994-2005	2.2	11
592	Gold-Catalyzed Intermolecular Hydroamination of Allenes: First Example of the Use of an Aliphatic Amine in Hydroamination. <i>Synlett</i> , 2007 , 2007, 1767-1770	2.2	12
591	Formal Total Synthesis of Hemibrevetoxin B via the Intramolecular Allylation Followed by Ring-Closing Metathesis. <i>Heterocycles</i> , 2007 , 74, 617	0.8	5
590	Gold-catalyzed reactions of oxo-alkynes. <i>Arkivoc</i> , 2007 , 2007, 6-19	0.9	6
589	Metal-mediated synthesis of furans and pyrroles. <i>Arkivoc</i> , 2007 , 2007, 121-141	0.9	139
588	Gold-catalyzed intermolecular hydroamination of allenes with arylamines and resulting high chirality transfer. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3314-7	16.4	237
587	Thermally induced and silver-salt-catalyzed [2+2] cycloadditions of imines to (alkoxymethylene)cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5176-9	16.4	45

586	Gold-catalyzed intramolecular carbothiulation of alkynes: synthesis of 2,3-disubstituted benzothiophenes from (alpha-alkoxy alkyl) (ortho-alkynyl phenyl) sulfides. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4473-5	16.4	288
585	Palladium-Catalyzed Allylation of Pronucleophiles with Alkynes at 50 °C [Remarkable Effect of 2-(Dicyclohexylphosphanyl)-2'-(dimethylamino)biphenyl as Ligand. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4211-4213	3.2	27
584	Gold-Catalyzed Intermolecular Hydroamination of Allenes with Arylamines and Resulting High Chirality Transfer. <i>Angewandte Chemie</i> , 2006 , 118, 3392-3395	3.6	114
583	Thermally Induced and Silver-Salt-Catalyzed [2+2] Cycloadditions of Imines to (Alkoxyethylene)cyclopropanes. <i>Angewandte Chemie</i> , 2006 , 118, 5300-5303	3.6	12
582	Gold-Catalyzed Intramolecular Carbothiolation of Alkynes: Synthesis of 2,3-Disubstituted Benzothiophenes from (α-Alkoxy Alkyl) (ortho-Alkynyl Phenyl) Sulfides. <i>Angewandte Chemie</i> , 2006 , 118, 4585-4587	3.6	97
581	Beta-alkyl-alpha-allylation of Michael acceptors through the palladium-catalyzed three-component coupling between allylic substrates, trialkylboranes, and activated olefins. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2503-6	4.2	15
580	Palladium-catalyzed intramolecular asymmetric hydroamination, hydroalkoxylation, and hydrocarbonylation of alkynes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 4270-9	4.2	140
579	Synthesis of imidazoles through the copper-catalyzed cross-cycloaddition between two different isocyanides. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10662-3	16.4	158
578	PtBr ₂ -catalyzed transformation of allyl(o-ethynylaryl)carbinol derivatives into functionalized indenenes. Formal sp ³ C-H bond activation. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6204-10	4.2	102
577	Improved synthesis of the A-G ring segment of brevetoxin B. <i>Journal of Organic Chemistry</i> , 2006 , 71, 4183-7	4.2	11
576	Palladium-catalyzed dimerization of conjugated diynes: synthesis of (E)-1,2-divinyldiethynylethenes having donor and acceptor chromophores at the terminus of alkyne. <i>Journal of Organic Chemistry</i> , 2006 , 71, 1152-5	4.2	27
575	Lactam synthesis via the intramolecular hydroamidation of alkynes catalyzed by palladium complexes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3612-4	4.2	48
574	Palladium-catalyzed decarboxylative aza-Michael addition-allylation reactions between allyl carbamates and activated olefins. Generation of quaternary carbon adjacent to secondary amine carbon center. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6991-5	4.2	49
573	Convergent synthesis of the FGHI ring segment of yessotoxin. <i>Tetrahedron Letters</i> , 2006 , 47, 89-92	2	18
572	Gold-catalyzed intramolecular hydroamination of allenes: a case of chirality transfer. <i>Tetrahedron Letters</i> , 2006 , 47, 4749-4751	2	99
571	Stereocontrolled synthesis of the IJK ring segment of yessotoxin. <i>Tetrahedron Letters</i> , 2006 , 47, 6545-6548	4.2	9
570	Synthesis of 2,3-disubstituted benzofurans by platinum-olefin-catalyzed carboalkoxylation of o-alkynylphenyl acetals. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15022-3	16.4	221
569	AuBr ₃ - and Cu(OTf) ₂ -catalyzed intramolecular [4 + 2] cycloaddition of tethered alkynyl and alkenyl enynones and enynals: a new synthetic method for functionalized polycyclic hydrocarbons. <i>Journal of Organic Chemistry</i> , 2005 , 70, 3682-5	4.2	171

568	Silver(I)-catalyzed novel cascade cyclization reactions: incorporation of allenes into the isochromenes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 10096-8	4.2	59
567	Stepwise delivery of two methoxy groups of arylaldehyde acetals across the phenyl ring. Vacant site-controlled palladium catalysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9844-7	16.4	45
566	Synthetic strategies of marine polycyclic ethers via intramolecular allylations: linear and convergent approaches. <i>Accounts of Chemical Research</i> , 2005 , 38, 423-32	24.3	68
565	PtBr ₂ -catalyzed consecutive enyne metathesis-aromatization of 1-(1-methoxy-but-3-enyl)-2-(1-alkynyl)benzenes: dual role of the Pt catalyst. <i>Journal of Organic Chemistry</i> , 2005 , 70, 892-7	4.2	68
564	Intramolecular hydroamination of alkynes catalyzed by Pd(PPh ₃) ₄ /triphenylphosphine under neutral conditions. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4883-6	4.2	73
563	Total synthesis of brevetoxin B. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9246-50	16.4	61
562	Efficient method for synthesis of angucyclinone antibiotics via gold-catalyzed intramolecular [4 + 2] benzannulation: enantioselective total synthesis of (+)-ochromycinone and (+)-rubiginone B2. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8977-81	4.2	110
561	Controlled synthesis of cis or trans isomers of 1,3-disubstituted tetrahydroisoquinolines and 2,5-disubstituted pyrrolidines. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4043-53	4.2	37
560	Facile deallylation protocols for the preparation of N-unsubstituted triazoles and tetrazoles. <i>Journal of Organic Chemistry</i> , 2005 , 70, 6389-97	4.2	25
559	Copper- or phosphine-catalyzed reaction of alkynes with isocyanides. Regioselective synthesis of substituted pyrroles controlled by the catalyst. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9260-6	16.4	277
558	Palladium-catalyzed addition of nitrogen pronucleophiles to alkylidenecyclopropanes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 5932-7	4.2	67
557	Cu(I) catalyst in DMF: an efficient catalytic system for the synthesis of furans from 2-(1-alkynyl)-2-alken-1-ones. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4531-4	4.2	186
556	A novel method for creation of free volume in a one-component self-assembled monolayer. Dramatic size effect of para-carborane. <i>Journal of Materials Chemistry</i> , 2005 , 15, 478		52
555	Pd(0)?PhCOOH catalyzed addition of oxygen pronucleophiles to allenes and internal alkynes. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 569-573	0.9	36
554	Organic Synthesis with Bimetallic Systems 2005 , 1-52		3
553	Dirhodium Tetraphosphine Catalysts 2005 , 225-248		
552	Catalysis by Homo- and Heteronuclear Polymetallic Systems 2005 , 249-290		
551	Zinc Polymetallic Asymmetric Catalysis 2005 , 53-76		

550 Group 13 Alkali Metal Heterobimetallic Asymmetric Catalysis **2005**, 77-102

549 Catalytic and Stoichiometric Transformations by Multimetallic Rare Earth Metal Complexes **2005**, 143-162

548 Bimetallic Oxidation Catalysts: Hydrogen Peroxide Generation and Its Use in Hydrocarbon Oxidation **2005**, 187-199

547 Two Approaches to Multimetallic Catalysis: Combined Use of Metal Complexes and Multinuclear Complex Catalysts **2005**, 201-223

3

546 Platinum-catalyzed Tandem Carboalkoxylation-Claisen Rearrangement of Arylalkynes Bearing an ortho-1,5-Dihydro-3H-2,4-dioxepine Group. *Chemistry Letters*, **2005**, 34, 174-175

1.7 6

545 Synthesis and in vivo biodistribution of BPA-Gd-DTPA complex as a potential MRI contrast carrier for neutron capture therapy. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 735-43

3.4 33

544 Synthesis of organosilicon polymers by using the Lewis-acid-catalyzed trans-allylsilylation of alkynes. *Tetrahedron Letters*, **2005**, 46, 27-30

2 11

543 A new route for the synthesis of indolizidine (1209D): excellent diastereoselectivity in the intramolecular hydroamination of alkynes. *Tetrahedron Letters*, **2005**, 46, 2101-2103

2 53

542 Phosphine-catalyzed regioselective heteroaromatization between activated alkynes and isocyanides leading to pyrroles. *Tetrahedron Letters*, **2005**, 46, 2563-2566

2 44

541 Domino allylation and cyclization of ortho-alkynylbenzaldehydes with allyltrimethylsilane catalyzed by Pd(II)/Ru(II) bimetallic systems. *Tetrahedron*, **2005**, 61, 11322-11326

2.4 88

540 Aquapalladium Complex: A Stable and Convenient Catalyst for the Intermolecular Hydroamination of Alkynes. *European Journal of Organic Chemistry*, **2005**, 2005, 59-62

3.2 45

539 Direct Mannich and nitro-Mannich reactions with non-activated imines: AgOTf-catalyzed addition of pronucleophiles to ortho-alkynylaryl aldimines leading to 1,2-dihydroisoquinolines. *Angewandte Chemie - International Edition*, **2005**, 44, 5526-8

16.4 200

538 Oxindole synthesis through intramolecular nucleophilic addition of vinylpalladiums to aryl isocyanates. *Angewandte Chemie - International Edition*, **2005**, 44, 7718-21

16.4 73

537 Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles to ortho-Alkynylaryl Aldimines Leading to 1,2-Dihydroisoquinolines. *Angewandte Chemie*, **2005**, 117, 5662-5664

3.6 43

536 Oxindole Synthesis through Intramolecular Nucleophilic Addition of Vinylpalladiums to Aryl Isocyanates. *Angewandte Chemie*, **2005**, 117, 7896-7899

3.6 19

535 Bimetallic Transition Metal Catalysts for Organic Oxidation **2005**, 163-185

534 Rare Earth Alkali Metal Heterobimetallic Asymmetric Catalysis **2005**, 121-142

1

533 Rare Earth Bimetallic Asymmetric Catalysis **2005**, 103-120

1

532	Addition of 2-Oxazolidinones to Arylidenecyclopropanes: A Highly Efficient Method for the Preparation of gem-Aryl Disubstituted Homoallylic Oxazolidinones. <i>Heterocycles</i> , 2005 , 66, 333	0.8	8
531	New Catalytic Reactions via the η^3 -Allylpalladium Azide Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2004 , 62, 682-692	0.2	4
530	Reduction of Carbonyl Function to a Methyl Group. <i>Synthesis</i> , 2004 , 2004, 308-311	2.9	7
529	A Novel Synthetic Method of Bicyclic Pyrans via the Palladium-Catalyzed Tandem α -Cyclization/Ring Expansion between Enynals and Dimethyl Acetylacetonedicarboxylate. <i>Synthesis</i> , 2004 , 2004, 1409-1412	2.9	2
528	An Improved Catalytic System, Pd(PPh ₃) ₄ /PhCOOH Combined Catalyst, for the Allylation of Carbon Pronucleophiles with Allenes. <i>Synthesis</i> , 2004 , 2004, 2186-2190	2.9	7
527	Synthesis and biological evaluation of benzamides and benzamidines: structural requirement of a pyrimidine ring for inhibition of EGFR tyrosine kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 2299-302	2.9	11
526	Allylation of Carbon Pronucleophiles with Alkynes in the Presence of Palladium/Acetic Acid Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 800-804	5.6	49
525	Copper-Catalyzed Synthesis of N-Unsubstituted 1,2,3-Triazoles from Nonactivated Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3789-3791	3.2	146
524	Design, synthesis, and biological evaluation of aminoboronic acids as growth-factor receptor inhibitors of EGFR and VEGFR-1 tyrosine kinases. <i>ChemBioChem</i> , 2004 , 5, 483-90	3.8	33
523	Benzamides and benzamidines as specific inhibitors of epidermal growth factor receptor and v-Src protein tyrosine kinases. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3529-42	3.4	27
522	Copper-catalyzed tandem reaction between imines and alcohols leading to indoles. <i>Tetrahedron Letters</i> , 2004 , 45, 35-38	2	57
521	Four-component coupling reactions of silylacetylenes, allyl carbonates, and trimethylsilyl azide catalyzed by a Pd(0)/Cu(I) bimetallic catalyst. Fully substituted triazole synthesis from seemingly internal alkynes. <i>Tetrahedron Letters</i> , 2004 , 45, 689-691	2	53
520	Synthesis of indenenes by ytterbium-catalyzed carboalkoxylation/Friedel-Crafts reaction of arylidenecyclopropanes with acetals. <i>Tetrahedron Letters</i> , 2004 , 45, 2903-2906	2	26
519	Direct allylic substitution of allyl alcohols by carbon pronucleophiles in the presence of a palladium/carboxylic acid catalyst under neat conditions. <i>Tetrahedron Letters</i> , 2004 , 45, 3101-3103	2	46
518	Synthesis of 1,2-dihydroisoquinolines via the reaction of ortho-alkynylarylimines with bis- η^3 -allylpalladium. <i>Tetrahedron Letters</i> , 2004 , 45, 7339-7341	2	78
517	Microwave-enhanced Pd(0)/acetic acid catalyzed allylation reactions of C, N, and O-pronucleophiles with alkynes. <i>Tetrahedron Letters</i> , 2004 , 45, 8497-8499	2	61
516	Synthesis of 1-substituted tetrazoles via the acid-catalyzed [3+2] cycloaddition between isocyanides and trimethylsilyl azide. <i>Tetrahedron Letters</i> , 2004 , 45, 9435-9437	2	106
515	A new approach to the synthesis of cyclic ethers via the intermolecular allylation of β -acetoxy ethers and ring-closing metathesis. <i>Tetrahedron</i> , 2004 , 60, 7361-7365	2.4	27

514	A convenient and efficient route for the allylation of aromatic amines and alpha-aryl aldehydes with alkynes in the presence of a Pd(0)/PhCOOH combined catalyst system. <i>Journal of Organic Chemistry</i> , 2004 , 69, 8745-50	4.2	41
513	Synthesis of cyclic alkenyl ethers via intramolecular cyclization of O-alkynylbenzaldehydes. Importance of combination between CuI catalyst and DMF. <i>Journal of Organic Chemistry</i> , 2004 , 69, 5139-42	4.2	142
512	Palladium-catalyzed ring-opening reaction of methyleneaziridines with carboxylic acids: synthesis of alpha-amidoketones. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2856-8	4.2	24
511	Formation of a quaternary carbon center through the Pd(0)/PhCOOH-catalyzed allylation of cyclic beta-keto esters and 1,3-diketones with alkynes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6478-81	4.2	42
510	Intramolecular C-N bond addition of amides to alkynes using platinum catalyst. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10546-7	16.4	198
509	Catalytic asymmetric carbalkoxyallylation of imines with the chiral bis-pi-allylpalladium complex. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3562-4	4.2	36
508	Synthesis of 5-azaindolizine derivatives by the palladium-catalyzed intermolecular formal [3+2] cycloaddition of alkylidenecyclopropanes with 1,2-diazines. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3202-4	4.2	40
507	Catalytic cyclization of o-alkynylbenzaldehyde acetals and thioacetals. Unprecedented activation of the platinum catalyst by olefins. Scope and mechanism of the reaction. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15423-30	16.4	97
506	A one-pot procedure for the regiocontrolled synthesis of allyltriazoles via the Pd-Cu bimetallic catalyzed three-component coupling reaction of nonactivated terminal alkynes, allyl carbonate, and trimethylsilyl azide. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2386-93	4.2	97
505	The first catalytic asymmetric allylation of imines with the tetraallylsilane-TBAF-MeOH system, using the chiral bis-pi-allylpalladium complex. <i>Journal of Organic Chemistry</i> , 2004 , 69, 735-8	4.2	87
504	AuBr(3)-catalyzed [4 + 2] benzannulation between an enynal unit and enol. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7458-9	16.4	250
503	Palladium-catalyzed intramolecular asymmetric hydroamination of alkynes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1622-3	16.4	213
502	Transition-metal-catalyzed reactions in heterocyclic synthesis. <i>Chemical Reviews</i> , 2004 , 104, 2127-98	68.1	1315
501	Synthesis of pyridinylpyrrole derivatives via the palladium-catalyzed reaction of acetylpyridines with methyleneaziridines. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13898-9	16.4	43
500	Synthesis of 3-Methylenepyrrolidines by Palladium-catalyzed [3+2] Cycloaddition of Alkylidenecyclopropanes with Imines. <i>Heterocycles</i> , 2003 , 61, 247	0.8	18
499	Boron-gadolinium binary system as a magnetic resonance imaging boron carrier. <i>Pure and Applied Chemistry</i> , 2003 , 75, 1343-1348	2.1	5
498	Functionalized 1,2-dihydronaphthalenes from the Cu(OTf) ₂ -catalyzed [4+2] cycloaddition of o-alkynyl(oxo)benzenes with alkenes. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3504-6	16.4	167
497	Convergent synthesis of the FK ring segment of brevetoxin B. <i>Tetrahedron Letters</i> , 2003 , 44, 7929-7932	2	6

496	A simple and practical method for the stereoselective synthesis of (Z)-1-iodo-1-alkenes from 1,1-diiodo-1-alkenes. <i>Tetrahedron Letters</i> , 2003 , 44, 8645-8647	2	11
495	Convergent synthesis of the AB ring segment of yessotoxin and adriatoxin. <i>Tetrahedron Letters</i> , 2003 , 44, 8935-8938	2	24
494	Addition of hydrogen halides to alkylidenecyclopropanes: a highly efficient and stereoselective method for the preparation of homoallylic halides. <i>Tetrahedron Letters</i> , 2003 , 44, 985-987	2	38
493	Chelation controlled chemoselective conjugate addition of lithium dimethylcuprate. <i>Tetrahedron Letters</i> , 2003 , 44, 1803-1805	2	6
492	$\text{Me}_2\text{CuLi-TMSCl}$ in CH_2Cl_2 —The most powerful methylating agent for sterically congested β , β -enoates. <i>Tetrahedron Letters</i> , 2003 , 44, 4265-4266	2	16
491	Addition of water to arylidenecyclopropanes: a highly efficient method for the preparation of gem-aryl disubstituted homoallylic alcohols. <i>Tetrahedron Letters</i> , 2003 , 44, 4547-4550	2	21
490	AuBr_3 -catalyzed cyclization of o-(alkynyl)nitrobenzenes. Efficient synthesis of isotogens and anthranils. <i>Tetrahedron Letters</i> , 2003 , 44, 5675-5677	2	94
489	A bimetallic catalyst and dual role catalyst: synthesis of N-(alkoxycarbonyl)indoles from 2-(alkynyl)phenylisocyanates. <i>Journal of Organic Chemistry</i> , 2003 , 68, 4764-71	4.2	106
488	Chiral bis-pi-allylpalladium complex catalyzed asymmetric allylation of imines: enhancement of the enantioselectivity and chemical yield in the presence of water. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14133-9	16.4	122
487	Synthesis of triazoles from nonactivated terminal alkynes via the three-component coupling reaction using a $\text{Pd}(0)$ - $\text{Cu}(I)$ bimetallic catalyst. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7786-7	16.4	169
486	Lewis acid-catalyzed benzannulation via unprecedented [4+2] cycloaddition of o-alkynyl(oxo)benzenes and enynals with alkynes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10921-5	16.4	348
485	Convergent total syntheses of gambierol and 16-epi-gambierol and their biological activities. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11893-9	16.4	84
484	Carbon-carbon bond cleavage of diynes through the hydroamination with transition metal catalysts. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6646-7	16.4	100
483	Palladium-catalyzed hydrocarbonation and hydroamination of 3,3-dihexylcyclopropene with pronucleophiles. <i>Journal of Organic Chemistry</i> , 2003 , 68, 2297-9	4.2	54
482	Solvent Polarity Dependence of Photoinduced Charge Separation and Recombination Processes of Ferrocene-160 Dyads. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 1452-1458	2.8	43
481	Synthesis of novel antitumor agent 1-methoxy-5,10-dioxo-5,10-dihydro-1H-benzo[g]isochromene carboxylic acid (3-dimethylaminopropyl)amide with a dual role $\text{Pd}(II)$ catalyst. <i>Journal of Organic Chemistry</i> , 2003 , 68, 9496-8	4.2	85
480	Nonlinear optical properties of novel fullerene-ferrocene hybrid molecules. <i>Journal of Materials Chemistry</i> , 2003 , 13, 511-513		67
479	Nonlinear optical studies of fullerene-arylethyne hybrids. <i>Journal of Materials Chemistry</i> , 2003 , 13, 21-26		54

478	Total synthesis of gambierol. <i>Journal of the American Chemical Society</i> , 2003 , 125, 46-7	16.4	110
477	Tetrazole synthesis via the palladium-catalyzed three component coupling reaction. <i>Molecular Diversity</i> , 2003 , 6, 181-92	3.1	16
476	Cyanamide Synthesis by the Palladium-Catalyzed Cleavage of a Si-N Bond. <i>Angewandte Chemie</i> , 2002 , 114, 1858-1860	3.6	10
475	A New Pd-Cu Bimetallic Catalyst for the Synthesis of Indoles from Isocyanates and Allyl Carbonates. <i>Angewandte Chemie</i> , 2002 , 114, 3364-3367	3.6	14
474	Indenol Ether Formation from Aryl Alkynes Bearing ortho-Acetals: An Unprecedented Rearrangement in Palladium-Catalyzed Carboalkoxylation. <i>Angewandte Chemie</i> , 2002 , 114, 4504-4507	3.6	11
473	Cyanamide synthesis by the palladium-catalyzed cleavage of a Si-N bond. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1780-2	16.4	33
472	A New Pd(0)-Cu(I) bimetallic catalyst for the synthesis of indoles from isocyanates and allyl carbonates. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3230-3	16.4	77
471	Indenol ether formation from aryl alkynes bearing ortho-acetals: an unprecedented rearrangement in palladium-catalyzed carboalkoxylation. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4328-31	16.4	60
470	Novel carboranes with a DNA binding unit for the treatment of cancer by boron neutron capture therapy. <i>ChemBioChem</i> , 2002 , 3, 219-25	3.8	36
469	Transition Metal-Catalyzed Reactions of Methylene cyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2002 , 344, 111	5.6	317
468	Syntheses of the AB and EFGH ring segments of gambierol. <i>Tetrahedron</i> , 2002 , 58, 1799-1816	2.4	42
467	Lewis acid catalyzed stereoselective hydrosilylation of ketones under the control of chelation. <i>Tetrahedron</i> , 2002 , 58, 8195-8203	2.4	43
466	Anti-Wacker-type hydroalkoxylation of diynes catalyzed by palladium(0). <i>Tetrahedron Letters</i> , 2002 , 43, 1085-1088	2	34
465	Palladium-catalyzed addition of ketones to alkylidenecyclopropanes. <i>Tetrahedron Letters</i> , 2002 , 43, 2903-2907	2.2	22
464	Tandem nucleophilic allylation-alkoxyallylation of alkynylaldehydes via amphiphilic bis-allylpalladium complexes. <i>Tetrahedron Letters</i> , 2002 , 43, 7631-7633	2	43
463	Regiospecific synthesis of 2-allyl-1,2,3-triazoles by palladium-catalyzed 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2002 , 43, 9707-9710	2	68
462	Palladium-catalyzed hydrocarbonation of methyleneaziridines with carbon pronucleophiles. <i>Tetrahedron Letters</i> , 2002 , 43, 9625-9628	2	17
461	Nucleophilic Allylation-Heterocyclization via Bis-Allylpalladium Complexes: Synthesis of Five- and Six-Membered Heterocycles. <i>Chemistry Letters</i> , 2002 , 31, 158-159	1.7	14

460	Addition of heteroaromatics to alkylidenecyclopropanes catalyzed by palladium. <i>Journal of Organic Chemistry</i> , 2002 , 67, 3445-9	4.2	42
459	Nickel(0)-catalyzed dimerization of ethyl cyclopropylideneacetates. <i>Journal of Organic Chemistry</i> , 2002 , 67, 4911-5	4.2	45
458	Convergent synthesis of polycyclic ethers via the intramolecular allylation of alpha-acetoxy ethers and subsequent ring-closing metathesis. <i>Journal of the American Chemical Society</i> , 2002 , 124, 3562-6	16.4	58
457	Relative stabilities of some synthetically useful 2,3-cis-disubstituted aziridines and their 2,3-trans isomers. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5796-801	4.2	13
456	Synthesis of (E)-1,2-divinyl-1,2-diethynylethene (DVDEE) via the palladium-catalyzed reaction of conjugated diynes. A new building block for molecular scaffolding. <i>Journal of the American Chemical Society</i> , 2002 , 124, 924-5	16.4	13
455	Concise synthesis of cyclic ethers via the palladium-catalyzed coupling of ketene acetal triflates and organozinc reagents. Application to the iterative synthesis of polycyclic ethers. <i>Journal of Organic Chemistry</i> , 2002 , 67, 3494-8	4.2	40
454	Synthesis of phthalides and 3,4-dihydroisocoumarins using the palladium-catalyzed intramolecular benzannulation strategy. <i>Journal of Organic Chemistry</i> , 2002 , 67, 2653-8	4.2	43
453	Palladium-catalyzed aminoallylation of activated olefins with allylic halides and phthalimide. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5977-80	4.2	79
452	Synthesis of 6H-dibenzo[b,d]pyran-6-ones from aryl 3-bromopropenoates via a sequential one-pot procedure using the Sonogashira coupling-benzannulation reaction. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5138-41	4.2	30
451	AuCl(3)-catalyzed benzannulation: synthesis of naphthyl ketone derivatives from o-alkynylbenzaldehydes with alkynes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12650-1	16.4	381
450	Pd(II) acts simultaneously as a Lewis acid and as a transition-metal catalyst: synthesis of cyclic alkenyl ethers from acetylenic aldehydes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 764-5	16.4	296
449	Palladium-catalyzed selective synthesis of 2-allyltetrazoles. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7413-7	4.2	51
448	Synthesis of allyl cyanamides and N-cyanoindoles via the palladium-catalyzed three-component coupling reaction. <i>Journal of the American Chemical Society</i> , 2002 , 124, 11940-5	16.4	125
447	Nonlinear optical properties of novel carborane-ferrocene conjugated dyads. Electron-withdrawing characteristics of carboranes. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2701-2705		97
446	Catalytic and highly regiospecific carbon-carbon bond formation at alpha-position of Michael acceptor by palladium complex. <i>Chemical Communications</i> , 2002 , 852-3	5.8	15
445	Palladium-catalyzed intermolecular hydroamination of alkynes: a dramatic rate-enhancement effect of O-aminophenol. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12670-1	16.4	76
444	Hydroamination of Alkynes Catalyzed by Palladium/Benzoic Acid. <i>Heterocycles</i> , 2002 , 58, 347	0.8	27
443	Palladium-Catalyzed Benzannulation of Conjugated Enynes in Fluorous Biphasic System. <i>Chemistry Letters</i> , 2001 , 30, 444-445	1.7	7

442	Lewis Acid Mediated Intermolecular Vinylsilylation of Alkynes. <i>Chemistry Letters</i> , 2001 , 30, 982-983	1.7	6
441	Chelation-controlled chemoselective ring openings of epoxides. <i>Tetrahedron Letters</i> , 2001 , 42, 7903-7905		12
440	Highly diastereoselective desymmetrizing intramolecular cyclization of allylstannane with a diketone promoted by Lewis acid or transition metal complex. <i>Journal of Organometallic Chemistry</i> , 2001 , 624, 136-142	2.3	2
439	Synthesis of the A ring segment of gambieric acid. <i>Tetrahedron Letters</i> , 2001 , 42, 3645-3647	2	27
438	Synthesis of the J ring segment of gambieric acid. <i>Tetrahedron Letters</i> , 2001 , 42, 3649-3651	2	32
437	Concise synthesis of cyclic ethers via the palladium-catalyzed coupling of ketene acetal triflates and a zinc homoenolate. Synthesis of the DE and GH ring segments of gambierol. <i>Tetrahedron Letters</i> , 2001 , 42, 4729-4731	2	20
436	Synthetic studies towards gambierol. Part 1: Synthesis of the AB ring segment. <i>Tetrahedron Letters</i> , 2001 , 42, 6195-6197	2	16
435	Synthetic studies towards gambierol. Part 2: Synthesis of the EFGH ring segment. <i>Tetrahedron Letters</i> , 2001 , 42, 6199-6202	2	12
434	Palladium-catalyzed [3+2] cycloaddition of alkylidenecyclopropanes with imines. <i>Tetrahedron Letters</i> , 2001 , 42, 6203-6205	2	69
433	Palladium/benzoic acid-catalyzed hydroalkoxylation of alkynes. <i>Tetrahedron Letters</i> , 2001 , 42, 6207-6210		86
432	Carboranyl bisglycosides for the treatment of cancer by boron neutron capture therapy. <i>ChemBioChem</i> , 2001 , 2, 326-34	3.8	29
431	Novel [3+2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium. <i>Angewandte Chemie</i> , 2001 , 113, 1338-1340	3.6	12
430	Do More Electrophilic Aldehydes/Ketones Exhibit Higher Reactivity toward Nucleophiles in the Presence of Lewis Acids?. <i>Angewandte Chemie</i> , 2001 , 113, 3306-3308	3.6	6
429	The Fate of Bis(η -allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). <i>Angewandte Chemie</i> , 2001 , 113, 3308-3310	3.6	18
428	Novel. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1298-1300	16.4	90
427	Do More Electrophilic Aldehydes/Ketones Exhibit Higher Reactivity toward Nucleophiles in the Presence of Lewis Acids?. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3206-3208	16.4	41
426	The Fate of Bis(η -allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3208-3210	16.4	82
425	Ortho-carboranyl glycosides for the treatment of cancer by boron neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1747-52	3.4	41

424	Lewis Acid Catalyzed Reaction of Aromatic Vinyl Halides with Aromatic Aldehydes: A Novel Aldol-type Condensation Mimic. <i>Synlett</i> , 2001 , 2001, 0910-0913	2.2	6
423	Lewis acid-mediated intramolecular addition of silyl enol ethers to internal unactivated alkynes. <i>Canadian Journal of Chemistry</i> , 2001 , 79, 1624-1631	0.9	21
422	Lewis acid catalyzed stereoselective carbosilylation. Intramolecular trans-vinylsilylation and trans-arylsilylation of unactivated alkynes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10899-902	16.4	44
421	Synthesis of cyclophanes via an intermolecular Pd-catalyzed enyne-diyne cross-benzannulation approach. <i>Journal of Organic Chemistry</i> , 2001 , 66, 2743-6	4.2	27
420	Formation of cyclic ethers via the palladium-catalyzed cycloaddition of activated olefins with allylic carbonates having a hydroxy group at the terminus of the carbon chain. <i>Journal of Organic Chemistry</i> , 2001 , 66, 7142-7	4.2	48
419	A direct reduction of aliphatic aldehyde, acyl chloride, ester, and carboxylic functions into a methyl group. <i>Journal of Organic Chemistry</i> , 2001 , 66, 1672-5	4.2	150
418	Catalytic Amphiphilic Allylation via Bis-Allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. <i>Journal of the American Chemical Society</i> , 2001 , 123, 372-377	16.4	103
417	Chelation-Controlled Stereoselective Hydrosilylation of Ketones. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6931-6932	16.4	35
416	Highly regioselective cyclotrimerization of 1-perfluoroalkylenynes catalyzed by nickel. <i>Journal of Organic Chemistry</i> , 2001 , 66, 796-802	4.2	38
415	Palladium-catalyzed addition of alcohol pronucleophiles to alkylidenecyclopropanes. <i>Journal of Organic Chemistry</i> , 2001 , 66, 270-5	4.2	77
414	Convergent synthesis of polycyclic ethers via the intramolecular allylation of alpha-acetoxy ethers and subsequent ring-closing metathesis: synthesis of the CDEFG ring system of gambierol. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6702-3	16.4	56
413	Facile allylative dearomatization catalyzed by palladium. <i>Journal of the American Chemical Society</i> , 2001 , 123, 759-60	16.4	123
412	Palladium-catalyzed highly chemo- and regioselective formal [2+2+2] sequential cycloaddition of alkynes: a renaissance of the well known trimerization reaction?. <i>Journal of Organic Chemistry</i> , 2001 , 66, 2835-41	4.2	91
411	Novel synthetic route to allyl cyanamides: palladium-catalyzed coupling of isocyanides, allyl carbonate, and trimethylsilyl azide. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9453-4	16.4	72
410	New Benzannulation Reactions of Conjugated Enynes.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2001 , 59, 346-354	0.2	5
409	In vivo evaluation of carborane gadolinium-DTPA complex as an MR imaging boron carrier. <i>Chemical and Pharmaceutical Bulletin</i> , 2000 , 48, 1034-8	1.9	16
408	A Practical Method for the Synthesis of Enantiomerically Pure 4-Borono-L-phenylalanine. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 231-235	5.1	30
407	Lewis Acid-Catalyzed Hydrometalation and Carbometalation of Unactivated Alkynes. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1071-1087	5.1	64

406	HI-Mediated Cyclization of α -Alkynylstyrenes. <i>Chemistry Letters</i> , 2000 , 29, 722-723	1.7	15
405	Kontrollierte Palladium-katalysierte intermolekulare Dehydrobenzol-Dehydrobenzol-Alken- und Dehydrobenzol-Alkin-Alken-Insertion [Synthese von Phenanthren- und Naphthalinderivaten. <i>Angewandte Chemie</i> , 2000 , 112, 185-187	3.6	26
404	Palladium-Catalyzed Intermolecular Controlled Insertion of Benzyne-Benzyne-Alkene and Benzyne-Alkyne-Alkene-Synthesis of Phenanthrene and Naphthalene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 173-175	16.4	139
403	Palladium catalyzed [2+2+1] cyclootrimerization of alkynes: selective synthesis of fulvenes. <i>Tetrahedron Letters</i> , 2000 , 41, 1971-1974	2	30
402	Is the halogen-metal exchange faster than deprotonation in the reaction of ortho-carboranyl aryl bromide with butyllithium?. <i>Tetrahedron Letters</i> , 2000 , 41, 2499-2501	2	6
401	Palladium-catalyzed cyanoallylation of activated olefins. <i>Tetrahedron Letters</i> , 2000 , 41, 2911-2914	2	22
400	Regiospecific synthesis of 2-allylated-5-substituted tetrazoles via palladium-catalyzed reaction of nitriles, trimethylsilyl azide, and allyl acetates. <i>Tetrahedron Letters</i> , 2000 , 41, 4193-4196	2	66
399	Lewis acid-catalyzed trans-carbosilylation of alkynes with propargyl- and allenyltrimethylsilanes. <i>Tetrahedron Letters</i> , 2000 , 41, 4499-4502	2	26
398	A novel convergent approach to trans-fused polyether frameworks based on the reaction of vinylstannanes and triflates and its application to a synthetic study of the EFGH ring system of gambierol. <i>Tetrahedron Letters</i> , 2000 , 41, 5769-5772	2	24
397	Chelation control through the coordination of an olefinic bond to Lewis acid. <i>Tetrahedron Letters</i> , 2000 , 41, 9533-9536	2	7
396	Allylation of ketones with allylstannanes catalyzed by Lewis acid-Lewis base combined reagents. <i>Tetrahedron Letters</i> , 2000 , 41, 9883-9887	2	25
395	Preparation and application of a polymer-supported chiral allylpalladium catalyst for the allylation of imines. <i>Tetrahedron Letters</i> , 2000 , 41, 131-134	2	41
394	Palladium-catalyzed reaction of arynes with a bis-allyl palladium complex. An efficient method for the synthesis of 1,2-diallylated derivatives of benzene. <i>Tetrahedron Letters</i> , 2000 , 41, 729-731	2	57
393	1,2-Asymmetric Induction in the Conjugate Addition of Organocopper Reagents to α,β -Unsaturated Carbonyl Derivatives. <i>Tetrahedron</i> , 2000 , 56, 2821-2831	2.4	17
392	Preparation of functionalized metacyclophanes by intramolecular benzannulation of bisenynes. <i>Tetrahedron Letters</i> , 2000 , 41, 4201-4204	2	7
391	Nickel(0)-Catalyzed Unprecedented Zipper Annulation of Certain Conjugated Enynes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1810-1811	16.4	22
390	A New Synthetic Route to 1,3-Oxazolidines via Palladium-catalyzed Regioselective [3+2] Cycloaddition of Vinylic Oxiranes with Imines. <i>Heterocycles</i> , 2000 , 52, 885	0.8	31
389	Recent advances in the transition-metal-catalyzed regioselective approaches to polysubstituted benzene derivatives. <i>Chemical Reviews</i> , 2000 , 100, 2901-16	68.1	960

388	Nickel(0)-Catalyzed [2 + 2] Annulation of Electron-Deficient Allenes. Highly Regioselective Synthesis of Cyclobutanes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10776-10780	16.4	58
387	Indole Synthesis via Palladium-Catalyzed Intramolecular Cyclization of Alkynes and Imines. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5662-5663	16.4	126
386	Palladium-Catalyzed Controlled Carbopalladation of Benzyne. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7280-7286	16.4	181
385	Intramolecular Nucleophilic Addition of Aryl Bromides to Ketones Catalyzed by Palladium. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4827-4828	16.4	78
384	Platinum(0)Enyne Complexes: The Platinum Analogue of an Intermediate in the Palladium(0)-Catalyzed Benzannulation of Conjugated Enynes. <i>Organometallics</i> , 2000 , 19, 3740-3743	3.8	14
383	Effective synthesis of aryl ethers and coumaranones employing the palladium-catalyzed enyne-diyne. <i>Journal of Organic Chemistry</i> , 2000 , 65, 568-72	4.2	20
382	Palladium(0)-catalyzed cross-benzannulation between conjugated enynes. reactivity-controlled synthesis of multifunctionalized benzenes. <i>Organic Letters</i> , 2000 , 2, 3853-5	6.2	8
381	Hydrofurylation of Alkylidenecyclopropanes Catalyzed by Palladium. <i>Journal of the American Chemical Society</i> , 2000 , 122, 2661-2662	16.4	48
380	Enhanced reactivity of electron-deficient enynes in the palladium-catalyzed homo-benzannulation of conjugated enynes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 5350-4	4.2	14
379	Chelation Control through the Coordination of Lewis Acids to an Acetylenic π -Bond. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4817-4818	16.4	49
378	Palladium-Catalyzed cross-Benzannulation of Aminoenynes with Diynes. Highly Regioselective Synthesis of Polysubstituted Anilines. <i>Journal of Organic Chemistry</i> , 2000 , 65, 4338-4341	4.2	21
377	Synthesis of various silacycles via the lewis acid-catalyzed intramolecular trans-hydrosilylation of unactivated alkynes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8919-23	4.2	64
376	CarboraneFullerene hybrids as a seemingly attractiveAttractive dyad with high hyperpolarizability. <i>Chemical Communications</i> , 2000 , 1595-1596	5.8	61
375	A novel B(C(6)F(5))(3)-catalyzed reduction of alcohols and cleavage of aryl and alkyl ethers with hydrosilanes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 6179-86	4.2	277
374	The first addition of silyl enol ethers to internal unactivated alkynes. <i>Tetrahedron Letters</i> , 1999 , 40, 4081-4084	39	
373	Synthesis of indenols and indanones via catalytic cyclic vinylpalladation of aromatic aldehydes. <i>Tetrahedron Letters</i> , 1999 , 40, 4089-4092	2	115
372	Palladium catalyzed co-trimerization of benzyne with alkynes. A facile method for the synthesis of phenanthrene derivatives. <i>Tetrahedron Letters</i> , 1999 , 40, 7533-7535	2	98
371	A novel reduction of alcohols and ethers with a HSiEt ₃ catalytic B(C ₆ F ₅) ₃ system. <i>Tetrahedron Letters</i> , 1999 , 40, 8919-8922	2	175

370	A novel and effective route to 1,3-oxazolidine derivatives. Palladium-catalyzed regioselective [3 + 2] cycloaddition of vinylic oxiranes with imines. <i>Tetrahedron Letters</i> , 1999 , 40, 1053-1056	2	44
369	Inter- and intramolecular palladium-catalyzed hydrocarbonation of methylenecyclopropanes with carbon pronucleophiles. <i>Tetrahedron</i> , 1999 , 55, 8833-8844	2.4	13
368	Lewis acid catalyzed allylstannylation of unactivated alkynes. <i>Tetrahedron</i> , 1999 , 55, 3779-3790	2.4	49
367	Synthesis of cyclic ethers via the palladium catalyzed intramolecular hydrocarbonation of alkoxyallenes. <i>Tetrahedron Letters</i> , 1999 , 40, 1747-1750	2	30
366	Synthetic utility of o-carborane: novel protective group for aldehydes and ketones. <i>Journal of Organometallic Chemistry</i> , 1999 , 574, 107-115	2.3	16
365	Palladium-catalyzed enyne[4+2] benzannulation as a new and general approach to polysubstituted benzenes. <i>Journal of Organometallic Chemistry</i> , 1999 , 576, 232-247	2.3	75
364	The synthesis of a carborane gadolinium-DTPA complex for boron neutron capture therapy. <i>Journal of Organometallic Chemistry</i> , 1999 , 581, 170-175	2.3	21
363	Metal promoted synthesis of heterocycles from heteroacyclic compounds. <i>Journal of Heterocyclic Chemistry</i> , 1999 , 36, 1523-1532	1.9	1
362	Palladiumkatalysierte Hydroalkoxylierung von Methylenecyclopropanen. <i>Angewandte Chemie</i> , 1999 , 111, 3576-3578	3.6	12
361	Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3365-3367	16.4	69
360	Lewis Acid Catalyzed Highly Regio- and Stereocontrolled Trans-Hydrosilylation of Alkynes and Allenes. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2494-2499	4.2	113
359	Palladium/Benzoic Acid Catalyzed Hydroamination of Alkynes. <i>Journal of Organic Chemistry</i> , 1999 , 64, 4570-4571	4.2	131
358	Lewis Acid-Catalyzed Stereoselective Intramolecular trans-Vinylsilylation of Unactivated Alkynes. <i>Journal of the American Chemical Society</i> , 1999 , 121, 3797-3798	16.4	40
357	Chiral pi-Allylpalladium-Catalyzed Asymmetric Allylation of Imines: Replacement of Allylstannanes by Allylsilanes. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2614-2615	4.2	120
356	Palladium catalysed pronucleophile addition to unactivated carbon-carbon multiple bonds. <i>Chemical Society Reviews</i> , 1999 , 28, 199-207	58.5	202
355	Nickel-Mediated Regio- and Chemoselective Carboxylation of Alkynes in the Presence of Carbon Dioxide. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3975-3978	4.2	136
354	Palladium-Catalyzed [4+2] Cross-Benzannulation Reaction of Conjugated Enynes with Diynes and Triynes. <i>Journal of the American Chemical Society</i> , 1999 , 121, 6391-6402	16.4	74
353	Palladium(0)-Catalyzed Cope Rearrangement of Acyclic 1,5-Dienes. Bis(Allyl)palladium(II) Intermediate. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10850-10851	16.4	40

- 352 A Concise and Stereospecific One-Shot Synthesis of Bicyclo[3.3.1]nonenols from Dimethyl 1,3-Acetonedicarboxylate and Enals via the Sequential Michael Addition-Intramolecular Aldolization. *Journal of Organic Chemistry*, **1999**, 64, 4148-4151 4.2 20
- 351 Novel Palladium Catalyzed Formal [3 + 2] Cycloaddition via Hydrocarbonation Reactions of Allenes. *Journal of Organic Chemistry*, **1999**, 64, 694-695 4.2 23
- 350 Diastereo- and Enantioselective Synthesis of beta-Amino Cyclic Ethers via the Intramolecular Reaction of gamma-Alkoxyallylstannane with Imine. *Journal of Organic Chemistry*, **1999**, 64, 4901-4908 4.2 16
- 349 Allyl- and Benzylindium Reagents. Carboindation of Carbon-Carbon and Carbon-Nitrogen Triple Bonds. *Journal of Organic Chemistry*, **1999**, 64, 4095-4101 4.2 76
- 348 Intramolecular Nucleophilic Addition of Vinylpalladiums to Aryl Ketones. *Journal of the American Chemical Society*, **1999**, 121, 3545-3546 16.4 120
- 347 Novel Addition and [3+2] Cycloaddition Reactions of Stannyl- and Silyl-ortho-carboranes to Carbonyl Compounds. *Collection of Czechoslovak Chemical Communications*, **1999**, 64, 829-846 5
- 346 Asymmetric synthesis of β -amino acids and β -lactam derivatives via conjugate addition of metal amides. *Advances in Asymmetric Synthesis*, **1999**, 1-37 3
- 345 Palladium Catalyzed New Benzannulation via Enynes **1999**, 283-290
- 344 Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes **1999**, 38, 3365 1
- 343 Palladium/Acetic Acid Catalyzed Allylation of Some Pronucleophiles with Simple Alkynes. *Journal of the American Chemical Society*, **1998**, 120, 10262-10263 16.4 114
- 342 Lewis acid promoted highly diastereoselective desymmetric intramolecular cyclization of allylstannane with a diketone. *Tetrahedron Letters*, **1998**, 39, 471-474 2 8
- 341 Synthesis of the AB ring system of gambierol. *Tetrahedron Letters*, **1998**, 39, 6365-6368 2 26
- 340 Synthesis of the E ring of gambierol. *Tetrahedron Letters*, **1998**, 39, 6369-6372 2 30
- 339 Palladium catalyzed hydrosulfination of allenes with tosylhydrazine leading to allylsulfones. *Tetrahedron Letters*, **1998**, 39, 691-694 2 37
- 338 Palladium catalyzed hydroamination of conjugated enynes. *Tetrahedron Letters*, **1998**, 39, 1037-1040 2 36
- 337 Asymmetric synthesis of β -amino cyclic ethers via the intramolecular reaction of β -alkoxyallylstannane with chiral imine. *Tetrahedron Letters*, **1998**, 39, 1791-1794 2 11
- 336 A new enamine synthesis: Allylation-enamination reaction of nitriles with allylindium reagents. *Tetrahedron Letters*, **1998**, 39, 4729-4732 2 32
- 335 A new method for the synthesis of nitrogen heterocycles via palladium catalyzed intramolecular hydroamination of allenes. *Tetrahedron Letters*, **1998**, 39, 5421-5424 2 116

- 334 Synthesis of the H ring of gambierol. *Tetrahedron Letters*, **1998**, 39, 6373-6376 2 43
- 333 Ring Opening in the Hydroamination of Methylenecyclopropanes Catalyzed by Palladium. *Journal of Organic Chemistry*, **1998**, 63, 6458-6459 4.2 82
- 332 Stereocontrolled Total Synthesis of Hemibrevetoxin B. *Journal of Organic Chemistry*, **1998**, 63, 6597-6606. 4.2 40
- 331 Palladium-Catalyzed Regioselective [3 + 2] Cycloaddition of Vinylic Oxiranes with Activated Olefins. A Facile Synthesis of Tetrahydrofuran Derivatives. *Journal of Organic Chemistry*, **1998**, 63, 3067-3071 4.2 82
- 330 Palladium-Catalyzed Hydrocarboxylation of Allenes. *Journal of the American Chemical Society*, **1998**, 120, 3809-3810 16.4 83
- 329 Synthesis of Polyether Exomethylene Paracyclophanes via an Intramolecular Pd-Catalyzed Bis-Enyne Benzannulation Protocol. *Journal of Organic Chemistry*, **1998**, 63, 1217-1220 4.2 33
- 328 First Exclusive Endo-dig Carbocyclization: HfCl_4 -Catalyzed Intramolecular Allylsilylation of Alkynes. *Journal of the American Chemical Society*, **1998**, 120, 5339-5340 16.4 41
- 327 Palladium-Catalyzed Alkoxyallylation of Activated Olefins. *Journal of the American Chemical Society*, **1998**, 120, 6838-6839 16.4 41
- 326 Tetrabutylammonium Fluoride Promoted Novel Reactions of o-Carborane: Inter- and Intramolecular Additions to Aldehydes and Ketones and Annulation via Enals and Enones. *Journal of the American Chemical Society*, **1998**, 120, 1167-1171 16.4 52
- 325 Regiospecific Synthesis of Polysubstituted Phenols via the Palladium-Catalyzed Enyne-Diyne [4 + 2] Cross-Benzannulation Pathway. *Journal of Organic Chemistry*, **1998**, 63, 1244-1247 4.2 38
- 324 An Efficient Route to 2,6-Disubstituted Styrenes via the Palladium-Catalyzed [4 + 2] Cyclodimerization of Conjugated Enynes. *Journal of Organic Chemistry*, **1998**, 63, 7022-7025 4.2 34
- 323 A Concise Synthesis of Enantiomerically Pure L-(4-Boronophenyl)alanine from L-Tyrosine. *Journal of Organic Chemistry*, **1998**, 63, 7529-7530 4.2 56
- 322 Palladium Catalyzed Regioselective β -Acetonation- β -Allylation of Activated Olefins in One Shot. *Journal of Organic Chemistry*, **1998**, 63, 8470-8474 4.2 32
- 321 Hydrostannation of $\text{C}\equiv\text{C}$ multiple bonds with Bu_3SnH prepared in situ from Bu_3SnCl and Et_3SiH in the presence of Lewis acid catalysts. *Chemical Communications*, **1998**, 37-38 5.8 34
- 320 Catalytic Asymmetric Allylation of Imines via Chiral Bis-Allylpalladium Complexes. *Journal of the American Chemical Society*, **1998**, 120, 4242-4243 16.4 170
- 319 Radical Reaction Initiated and Stereocontrolled by Zinc Chloride. *Heterocycles*, **1998**, 47, 765 0.8 4
- 318 A chemical scale for evaluating the electron transfer ability of alkylcopper reagents. *Macromolecular Symposia*, **1998**, 134, 189-198 0.8
- 317 Highly Regiocontrolled and Efficient Synthesis of Vinyl- and Allylstannanes via Lewis Acids and Pd-Catalyzed Hydrostannation of Allenes: Scope and Limitations. *Journal of Organic Chemistry*, **1997**, 62, 2963-2967 4.2 38

316	A Chemical Scale for Evaluating the Electron Transfer Ability of Alkylcopper Reagents. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 1953-1959	5.1	17
315	Synthesis and in Vitro Evaluation of 5-closo- and 5-nido-Orthocarboranyluridines as Boron Carriers. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 3103-3110	5.1	15
314	Palladium catalysed alkylative dimerization between pronucleophiles and vinyltins. <i>Chemical Communications</i> , 1997 , 1583-1584	5.8	3
313	Allylation of Unactivated and/or Functionalized Alkynes with Allylindiums. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2318-2319	4.2	57
312	Amphiphilic Catalytic Allylating Reagent, Bis-Allylpalladium Complex. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8113-8114	16.4	86
311	Regioselective Synthesis of 1,3,5-Unsymmetrically Substituted Benzenes via the Palladium-Catalyzed Cyclotrimerization of 1,3-Diynes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4547-4548	16.4	31
310	First Synthesis of Exomethylene Paracyclophanes and Their Structural Properties. <i>Journal of Organic Chemistry</i> , 1997 , 62, 5042-5047	4.2	27
309	Lewis Acid Catalyzed trans-Allylsilylation of Unactivated Alkynes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 6781-6786	16.4	74
308	Synthesis of carboranes containing an azulene framework and in vitro evaluation as boron carriers. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 2825-30	8.3	34
307	Intramolecular Reaction of (gamma-Alkoxyallyl)stannane with Aldehyde: Origin of the Stereoselectivities. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7439-7446	4.2	32
306	Palladium(0)-Catalyzed Isomerization Reactions of Aziridines Bearing an alpha,beta-Unsaturated Ester Group: A Thermodynamic Preference for Chiral Alkyl (2E)-4,5-cis-4,5-Epimino-N-(alkyl- or arylsulfonyl) 2-Enoates over the Other Three Stereoisomers. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2982-2991	4.2	48
305	Highly Diastereoselective Conjugate Addition of Lithium Dialkylamides to α,β -Unsaturated Esters Having a Chiral Center at the β -Position. <i>Journal of Organic Chemistry</i> , 1997 , 62, 6274-6282	4.2	46
304	First Intermolecular Regiospecific Palladium-Catalyzed Enyne-Diyne [4 + 2] Cross-Benzannulation Reaction. <i>Journal of the American Chemical Society</i> , 1997 , 119, 11313-11314	16.4	72
303	A Thermodynamic Preference of Chiral N-Methanesulfonyl and N-Arenesulfonyl 2,3-cis-3-Alkyl-2-Vinylaziridines over Their 2,3-Trans-Isomers: Useful Palladium(0)-Catalyzed Equilibration Reactions for the Synthesis of (E)-Alkene Dipeptide Isosteres. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2833-2845	4.2	87
302	Ring Opening in the Palladium-Catalyzed Hydrocarbonylation of Methylene cyclopropanes with Pronucleophiles. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8123-8124	16.4	104
301	o-Carborane as a Novel Protective Group for Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 1997 , 62, 780-781	4.2	30
300	Asymmetric total syntheses of hydroxylated piperidine alkaloids via the intramolecular reaction of β -aminoallylstannane with aldehyde. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 3887-3893		29
299	Palladium catalyzed addition of carbon pronucleophiles to conjugated enynes. <i>Tetrahedron</i> , 1997 , 53, 9097-9106	2.4	16

298	Palladium-catalyzed reductive ring opening with formic acid of aziridines bearing an β , β -unsaturated ester group. <i>Tetrahedron</i> , 1997 , 53, 12933-12946	2.4	14
297	The two component palladium catalyst system for intermolecular hydroamination of allenes. <i>Tetrahedron Letters</i> , 1997 , 38, 6071-6074	2	109
296	Total synthesis of (+)-desoxoprosopinine via the intramolecular reaction of β -aminoallylstannane. <i>Tetrahedron Letters</i> , 1997 , 38, 7469-7470	2	16
295	The first chemo- and regiospecific palladium-catalyzed enyne-diyne [4+2] intermolecular cross-benzannulation: an effective route to polysubstituted benzenes. <i>Tetrahedron Letters</i> , 1997 , 38, 8603-8604	2	27
294	A Novel [3+2] Annellation between ortho-Carboranyltrimethylsilane and Conjugated Carbonyl Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 367-369		14
293	Intramolecular Hydrocarbonylation of β -Alkynyl Malononitriles Catalyzed by Palladium Olefin Complexes. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2477-2480		26
292	Eine neuartige [3+2]-Anellierung eines ortho-Carboranyltrimethylsilans an konjugierte Carbonylverbindungen. <i>Angewandte Chemie</i> , 1997 , 109, 399-401	3.6	
291	Alkenpalladiumkomplex-katalysierte intramolekulare Hydrocarbonierung von β -Alkinmalonsäurenitrilen. <i>Angewandte Chemie</i> , 1997 , 109, 2588-2590	3.6	4
290	Stereocontrolled Synthesis of Polycyclic Ethers and Related Heterocycles via the Intramolecular Reaction of Allylstannanes.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1997 , 55, 619-630	0.2	6
289	A New Palladium-Catalyzed Benzannulation of Conjugated Enynes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 3970-3971	16.4	102
288	Lewis Acid-Catalyzed trans-Hydrosilylation of Alkynes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 7654-7655	4.2	109
287	Lewis Acid-Catalyzed trans-Carbosilylation of Simple Alkynes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 4874-4875	4.2	47
286	Lewis Acid-Catalyzed Hydrostannylation of Acetylenes. Regio- and Stereoselective Trans-Addition of Tributyltin Hydride and Dibutyltin Dihydride. <i>Journal of Organic Chemistry</i> , 1996 , 61, 4568-4571	4.2	63
285	Palladium- and Platinum-Catalyzed Addition of Aldehydes and Imines with Allylstannanes. Chemoselective Allylation of Imines in the Presence of Aldehydes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 6641-6647	16.4	202
284	An unusual thermodynamic preference of chiral N-arylsulfonyl cis-3-alkyl-2-vinylaziridines over their trans-isomers: palladium(0)-catalysed equilibration reactions. <i>Chemical Communications</i> , 1996 , 351	5.8	15
283	Simple one-pot transformations of toluene-p-sulfonates of 2,3-epoxy alcohols into allylic alcohols. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 865		6
282	Unprecedented highly chemoselective allylation of imines in the presence of aldehydes via a palladium catalysed allylstannane reaction. <i>Chemical Communications</i> , 1996 , 1459	5.8	39
281	trans-Allylstannylation of certain acetylenes catalysed by ZrCl ₄ . <i>Chemical Communications</i> , 1996 , 1513	5.8	39

280	Intramolecular reaction of β -alkoxyallylstannane with hydrazone: stereoselective synthesis of β -aminotetrahydro-pyran and-furan. <i>Chemical Communications</i> , 1996 , 841-842	5.8	8
279	Palladium catalysed β -addition of pronucleophiles to allenyl sulfides. <i>Chemical Communications</i> , 1996 , 831-832	5.8	29
278	Synthesis of allenes via palladium catalysed addition of certain activated methynes to conjugated enynes. <i>Chemical Communications</i> , 1996 , 17	5.8	18
277	Palladium catalysed addition-substitution reaction of pronucleophiles with allenylstannanes and prop-2-ynylstannanes. <i>Chemical Communications</i> , 1996 , 381-382	5.8	26
276	Ytterbium Triflate Catalyzed Ring Opening of Aziridines with Amines. <i>Heterocycles</i> , 1996 , 43, 2473	0.8	30
275	Tetrabutylammonium Fluoride Promoted Regiospecific Reactions of Trimethylsilyl-o-Carborane with Aldehydes. <i>Chemistry Letters</i> , 1996 , 25, 791-792	1.7	17
274	Rearrangement Approaches to Cyclic Skeletons. X. Pinacol-Type Rearrangement of 2-Substituted 1-Methoxybicyclo[2.2.2]oct-5-en-2-ols into Bicyclo[3.2.1]oct-6-en-2-ones. Remarkable Substituent Effects on Predominant Migration of the Unsaturated Bridge. <i>Bulletin of the Chemical Society of Japan</i> , 1996 , 69, 1727-1735	5.1	9
273	Novel route to the synthesis of hydroxylated piperidine and pyrrolidine derivatives via the intramolecular reaction of β -aminoallylstannane with aldehyde. <i>Tetrahedron Letters</i> , 1996 , 37, 2109-2112 ²		11
272	An aza-Payne rearrangement-epoxide ring opening reaction of 2-aziridinemethanols in a one-pot manner: A regio- and stereoselective synthetic route to diastereomerically pure N-protected 1,2-amino alcohols. <i>Tetrahedron</i> , 1996 , 52, 11739-11752	2.4	25
271	A new synthetic method of all carboxylate-free DTPA derivatives and its application to the synthesis of Gd-carborane complex. <i>Tetrahedron Letters</i> , 1996 , 37, 539-542	2	19
270	5(N-Methylbenzoylamino)-2, 2, 6, 6-tetramethylheptan-3-ol as a new class of recoverable chiral auxiliary. <i>Tetrahedron Letters</i> , 1996 , 37, 1863-1866	2	7
269	A thermodynamic preference of chiral cis- β -epimino-(E)- β -unsaturated esters over other stereoisomers: Synthetically useful Pd(0)-catalyzed equilibrated reactions of aziridines bearing an β -unsaturated ester group. <i>Tetrahedron Letters</i> , 1996 , 37, 2849-2852	2	13
268	Intramolecular reaction of oxo-substituted allenyl- and propargylstannane with aldehyde. <i>Tetrahedron Letters</i> , 1996 , 37, 3059-3062	2	11
267	A general and efficient method for the preparation of β -alkoxyallylstannanes via an acetal cleavage. <i>Tetrahedron Letters</i> , 1996 , 37, 3195-3198	2	25
266	Facile reaction of o-carboranyl lithium reagents with functionalized alkyl halides. <i>Tetrahedron Letters</i> , 1996 , 37, 3383-3386	2	14
265	Palladium catalyzed intramolecular hydrocarbonation of allenes leading to carbocycles. <i>Tetrahedron Letters</i> , 1996 , 37, 7453-7456	2	49
264	Synthesis and biological properties of carboranylaziridines bearing cascade polyols. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996 , 6, 9-12	2.9	12
263	Synthesis and in vitro evaluation of sugar-modified carboranyluridines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996 , 6, 1855-1858	2.9	11

262	TOTAL SYNTHESIS OF HEMIBREVETOXIN VIA THE ALLYLIC TIN METHODOLOGY. <i>Main Group Metal Chemistry</i> , 1996 , 19,	1.6	5
261	Netropsin and Distamycin Analogues Bearing Ortho-Carborane 1996 , 177-182		
260	Synthesis of a Water-Soluble o-Carborane Bearing Uracil Moiety Via Palladium Catalyzed Reaction under Essentially Neutral Conditions 1996 , 173-176		
259	Remarkable reversal of the regioselectivity in the palladium catalyzed hydrocarbonation reaction of allenes with methylmalononitrile. <i>Tetrahedron Letters</i> , 1995 , 36, 2811-2814	2	38
258	A one-pot aza-Payne rearrangement-epoxide ring opening reaction of 2-aziridinemethanols: A regio- and stereoselective synthetic route to diastereomerically pure 1,2-amino alcohols. <i>Tetrahedron Letters</i> , 1995 , 36, 6247-6250	2	17
257	Bu ₄ NF-Acid combination as a novel class of mild and selective deprotecting reagents for enol ethers. <i>Tetrahedron Letters</i> , 1995 , 36, 7765-7766	2	15
256	A Three Component Coupling Approach to a Chiral 1.β.-Methylcarbapenem Key Intermediate. <i>Journal of Organic Chemistry</i> , 1995 , 60, 143-148	4.2	41
255	Palladium Catalyzed π -Addition of Certain Pronucleophiles to Alkoxyallenes. <i>Synlett</i> , 1995 , 1995, 969-970.	2	34
254	Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. <i>Journal of Organic Chemistry</i> , 1995 , 60, 3352-3357	4.2	24
253	Most Stable Conformer of 2-Phenylpropanal Elucidated by Supersonic Jet Spectroscopy. <i>Journal of the American Chemical Society</i> , 1995 , 117, 3167-3170	16.4	2
252	Synthesis and biological properties of water-soluble p-boronophenylalanine derivatives. Relationship between water solubility, cytotoxicity, and cellular uptake. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 1673-8	8.3	55
251	Ytterbium triisopropoxide catalysed ring opening of epoxides with trimethylsilyl azide. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1021		31
250	Aza-Payne Rearrangement of Activated 2-Aziridinemethanols and 2,3-Epoxy Amines under Basic Conditions. <i>Journal of Organic Chemistry</i> , 1995 , 60, 2044-2058	4.2	54
249	Lewis acid catalysed trans-hydrostannylation of acetylenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2405		36
248	Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1273		42
247	Asymmetric Diels-Alder reactions of TMHD-acrylate using TiCl ₄ [(Ar)Hg] _m complexed Lewis acids. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1271-1272		3
246	SN ₂ ? Ring opening of aziridines bearing an α,β -unsaturated ester group with organocopper reagents. A new stereoselective synthetic route to (E)-alkene dipeptide isosteres. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 1359-1371		42
245	Palladium catalysed direct allylation of pronucleophiles with allylstannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2013		9

244	A New Class of Stable Enol Based on the 2,2,6,6-Tetramethylheptane-3,5-diol Framework. <i>Chemistry Letters</i> , 1995 , 24, 637-638	1.7	
243	Asymmetric Synthesis of a β -Lactam Framework via the Conjugate Addition of Amidocuprates(I) to Chiral Enoates. <i>Bulletin of the Chemical Society of Japan</i> , 1995 , 68, 2103-2111	5.1	11
242	Lanthanum isopropoxide catalyzed addition of activated nucleophiles to imines. <i>Applied Organometallic Chemistry</i> , 1995 , 9, 467-471	3.1	0
241	Nickel catalyzed imine aldol reactions between activated imines and pronucleophiles 1995 , 36, 5023-5023		6
240	STEREOCONTROLLED SYNTHESIS OF THE 6-7-7-6 RING SYSTEM OF POLYCYCLIC ETHERS VIA THE INTRAMOLECULAR REACTION WITH β -TRIBUTYLSTANNYL ETHER ALDEHYDES. <i>Main Group Metal Chemistry</i> , 1994 , 17,	1.6	9
239	Highly stereocontrolled and concise asymmetric synthesis of the β -Lactam framework via a TCC method. <i>Tetrahedron Letters</i> , 1994 , 35, 8425-8428	2	9
238	A Novel Route to Diastereomerically Pure (E)-Alkene Dipeptide Isosteres from β -Aziridinyl- β -Enoates by Treatment with Organocopper Reagents. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 652-654		71
237	Ein neuer Weg zu diastereomerenreinen (E)-Alken-Dipeptidisosteren ausgehend von β -Aziridinyl- β -Enoaten durch Umsetzung mit Organokupfer-Reagentien. <i>Angewandte Chemie</i> , 1994 , 106, 693-695	3.6	10
236	Ytterbium triflate catalyzed ring opening of aziridines with amines. <i>Tetrahedron Letters</i> , 1994 , 35, 7395-7398		79
235	Zinc Chloride as a Radical Initiator as Well as a Chelating Agent. <i>Journal of the American Chemical Society</i> , 1994 , 116, 421-422	16.4	63
234	Palladium-Catalyzed Addition of Activated Methylene and Methyne Compounds to Allenes. <i>Journal of the American Chemical Society</i> , 1994 , 116, 6019-6020	16.4	127
233	Palladium catalysed addition of 1-carboranyltributyltin to aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2581		15
232	Palladium catalysed addition of masked formyl cyanides $\text{ROCH}(\text{CN})_2$ to aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1665		13
231	Ytterbium triflate and high pressure-mediated ring opening of epoxides with amines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2597		92
230	Synthesis of a water-soluble o-carbaborane bearing a uracil moiety via a palladium-catalysed reaction under essentially neutral conditions. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 577		20
229	$\text{Bu}_4\text{NFBF}_3 \cdot \text{Et}_2\text{O}$ as a new reagent for the selective deprotection of the enol ethers of β -alkoxyallylstannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 59-60		4
228	A chemical scale for electron-transfer ability of methylcopper reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2003		19
227	Asymmetric synthesis of β -alkoxycyclic ethers via the intramolecular cyclization of group 14 allyls containing chiral acetals. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1953-1954		8

226	Studies on s-Cis/s-Trans Preference of Acyclic .alpha.,.beta.-Unsaturated Esters. Reactions, Supersonic Jet Spectroscopy, NOEs, and X-ray Analysis. <i>Journal of Organic Chemistry</i> , 1994 , 59, 4068-4075	4.2	42
225	Transition Metal Catalyzed Addition of Certain Nucleophiles to Imines. <i>Journal of the American Chemical Society</i> , 1994 , 116, 3161-3162	16.4	44
224	Syn-SN2' pathway in the reaction of certain .gamma.-(mesyloxy) .alpha.,.beta.-enoates with RCu(CN)MgX.BF3 reagents. Importance of MgX and bulky R group upon the diastereoselectivity. <i>Journal of Organic Chemistry</i> , 1993 , 58, 1207-1214	4.2	42
223	Stereocontrolled synthesis of the hemibrevetoxin ring system via an allylic tin method. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1638		23
222	Asymmetric synthesis of the Lactam framework via a three-component coupling reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1660-1662		13
221	Mediation of the reactivity of the strong Lewis acid titanium tetrachloride by complexation with XPh3 (X = arsenic, antimony, bismuth). <i>Journal of Organic Chemistry</i> , 1993 , 58, 4783-4784	4.2	26
220	1-Carboranyl-3-(2-methylaziridino)-2-propanol. Synthesis, selective uptake by B-16 melanoma, and selective cytotoxicity toward cancer cells. <i>Journal of Medicinal Chemistry</i> , 1993 , 36, 2232-4	8.3	19
219	Selective reactions using allylic metals. <i>Chemical Reviews</i> , 1993 , 93, 2207-2293	68.1	1364
218	Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1201		43
217	Conformationally rigid acyclic 2,2,6,6-tetramethyl-3,5-heptanediol (TMHDIol) derivative as a new class of chiral auxiliaries. <i>Journal of the American Chemical Society</i> , 1993 , 115, 10139-10146	16.4	22
216	Cleavage of esters under nearly neutral conditions at high pressure. <i>High Pressure Research</i> , 1993 , 11, 93-106	1.6	4
215	A New Water-soluble p-Boronophenylalanine Derivative for Neutron Capture Therapy. <i>Chemistry Letters</i> , 1993 , 22, 465-468	1.7	11
214	Synthesis of H-alkoxyalkyltributyllead compounds via the reaction of tributylplumbyllithium with H-chloroethers, and the conjugate addition of tributylplumbyllithium to enones. <i>Journal of Organometallic Chemistry</i> , 1993 , 443, C6-C7	2.3	1
213	Remarkable difference in reactivity of ordinary vinylcopper reagents and vinylzinc halide containing a copper salt towards H-mesyloxy-H, H-enoates. Synthesis of homochiral 1,4-dienes. <i>Tetrahedron</i> , 1993 , 49, 9479-9488	2.4	10
212	Unprecedented rearrangement reaction of 2-aziridinemethanols with lower order lithium methylcyanocuprate. <i>Tetrahedron Letters</i> , 1993 , 34, 7421-7424	2	31
211	SN2? selective alkylation of allylic chlorides and mesylates with RZnX reagents generated from Grignard reagents, zinc chloride, lithium chloride, and Cu(II)-salts. <i>Tetrahedron Letters</i> , 1993 , 34, 4227-4230	2.30	22
210	Cyclic transition state in the acid catalyzed intramolecular allylstannane-aldehyde condensation. <i>Tetrahedron Letters</i> , 1993 , 34, 1313-1316	2	42
209	Syntheses of Nitrogen Containing Compounds Using Reactive Organometallics.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1993 , 51, 1005-1012	0.2	2

208	Application of High Pressures to Organic Synthesis.. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 1993 , 2, 97-102		0
207	Synthesis and Biological Properties of Carboranylaziridine 1993 , 305-308		
206	New Aspects of Organocopper Reagents: 1,3- and 1,2-Chiral Induction and Reaction Mechanism. <i>Synlett</i> , 1992 , 1992, 769-777	2.2	13
205	NMR detection of N-acyliminium ion intermediates generated from .alpha.-alkoxycarbamates. <i>Journal of the American Chemical Society</i> , 1992 , 114, 121-125	16.4	56
204	Synthesis of carboranes containing nucleoside bases. Unexpectedly high cytostatic and cytotoxic toxicity towards cancer cells. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 157		41
203	Higher order zinc cuprate reagents. Very high 1,3-chirality transfer reaction of .gamma.-(mesyloxy)-.alpha.,.beta.-unsaturated carbonyl derivatives. <i>Journal of Organic Chemistry</i> , 1992 , 57, 1024-1026	4.2	33
202	Rearrangement approaches to cyclic skeletons. Part 8. Total synthesis of (H)-nakafuran-8, a marine metabolite with antifeedant properties, on the basis of bridgehead substitution of a bicyclo[2.2.2]oct-5-en-2-one system. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992 , 1785-1788		8
201	Very high diastereofacial stereoselectivity in the H-methoxy organoleadldehyde condensation. Stereocontrol of three contiguous chiral centres. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 863-864		2
200	Polyols of a cascade type as a water-solubilizing element of carborane derivatives for boron neutron capture therapy. <i>Journal of Organic Chemistry</i> , 1992 , 57, 435-435	4.2	67
199	New type of cyclization of .alpha.,.beta.,.chi.,.psi.-unsaturated dioic acid esters through tandem conjugate additions by using lithium N-benzyl-N-(trimethylsilyl)amide as a nitrogen nucleophile. <i>Journal of Organic Chemistry</i> , 1992 , 57, 3139-3145	4.2	49
198	Amide cuprate reagents as a new class of nitrogen nucleophiles. Application to asymmetric synthesis of .beta.-lactams. <i>Journal of the American Chemical Society</i> , 1992 , 114, 5427-5429	16.4	73
197	Asymmetric synthesis of syn 1,2-diols via the reaction of aldehydes with chiral .gamma.-(tetrahydropyranyloxy)allylstannanes. <i>Journal of Organic Chemistry</i> , 1992 , 57, 7003-7005	4.2	20
196	Asymmetric cyclization via tandem conjugate addition by using metal amide reagents. Importance of the folded orientation of two enoate moieties. <i>Journal of Organic Chemistry</i> , 1992 , 57, 5049-5051	4.2	29
195	A new type of complex reagent, R4Pb / TiCl4. <i>Tetrahedron</i> , 1992 , 48, 5587-5596	2.4	4
194	Higher order zinc cuprates involving lithium chloride: Synthesis of (E)-alkene dipeptide isosteres free from reductive elimination products. <i>Tetrahedron Letters</i> , 1992 , 33, 3783-3786	2	11
193	Diastereoselectivity of the conjugate addition of organocopper reagents to .gamma.-alkoxy .alpha.,.beta.-unsaturated carbonyl derivatives. Importance of the reagent type and the double-bond geometry. <i>Journal of the American Chemical Society</i> , 1992 , 114, 7652-7660	16.4	89
192	Stereocontrol of three contiguous chiral centers of brassinosteroid side chain by using .alpha.-alkoxy organoleads. <i>Journal of Organic Chemistry</i> , 1992 , 57, 2981-2982	4.2	11
191	Synthesis of carboranes containing nucleoside bases. <i>Heteroatom Chemistry</i> , 1992 , 3, 239-244	1.2	24

190	A new method for construction of cyclic enones via phosphonate anions. <i>Heteroatom Chemistry</i> , 1992 , 3, 471-478	1.2	5
189	Molecular Design and Synthesis of B-10 Carriers for Neutron Capture Therapy 1992 , 219-222		1
188	Enantioselective synthesis of the AB ring fragment of gambiertoxin 4B. Implication for the absolute configuration of gambiertoxin 4B and ciguatoxin. <i>Tetrahedron Letters</i> , 1991 , 32, 4505-4508	2	41
187	Synthesis of a non-symmetric azodicarbonyl compound and its regioselective reaction with organometallic reagents. <i>Tetrahedron Letters</i> , 1991 , 32, 3079-3082	2	8
186	Stereocontrolled intramolecular cyclization of β -tributylstannyl ether aldehydes. synthesis of the 6 α ,7 α ,8 α ring system of polycyclic ethers. <i>Tetrahedron Letters</i> , 1991 , 32, 7069-7072	2	58
185	An improved and practical method for the synthesis of optically active diethyl tartrate dibenzyl ether. <i>Journal of Organic Chemistry</i> , 1991 , 56, 1321-1322	4.2	20
184	Regiocontrolled conjugate addition of germanium-masked dienolates to michael acceptors. <i>Tetrahedron Letters</i> , 1991 , 32, 4749-4752	2	8
183	Diastereoselective intramolecular diels-alder reaction of N-alkoxycarbonyl -1-aza-1,3-butadienes and a total synthesis of the piperidine alkaloid, (H)-sedridine.. <i>Tetrahedron Letters</i> , 1991 , 32, 4371-4374	2	37
182	A simple synthesis of [(E)CH \rightarrow CH]gly dipeptide isosteres via reductive elimination of β -oxygenated β , β -enoates with alkenylcopper reagents. <i>Tetrahedron Letters</i> , 1991 , 32, 4969-4972	2	21
181	Synthesis of β -alkoxycyclic Ethers from β -Organometallic Ether Acetals. Stereocontrol with the Combined Lewis Acid System, Titanium(IV) Chloride-Triphenylphosphine. <i>Synlett</i> , 1991 , 1991, 823-824	2.2	18
180	Heteroatom-stabilized Allylic Anions 1991 , 55-79		14
179	Cleavage of esters under nearly neutral conditions at high pressure. Chemo- and regioselective hydrolysis in organic solvents. <i>Journal of Organic Chemistry</i> , 1991 , 56, 5737-5738	4.2	15
178	Synthesis of 1,4-dicarbonyl compounds via the conjugate addition of a masked activated ester, ROCH(CN) $_2$. <i>Journal of Organic Chemistry</i> , 1991 , 56, 7195-7196	4.2	19
177	A highly stereoselective synthesis of (E)-alkene dipeptide isosteres via organocyanocopper-Lewis acid mediation reaction. <i>Journal of Organic Chemistry</i> , 1991 , 56, 4370-4382	4.2	127
176	Enantiodivergent synthesis of steroidal side chains. Stereocontrol via SN1 vs. SN2 type cleavage of acetal templates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991 , 3253		8
175	Determination of absolute configuration of the alkyl group at the β -position in the acyclic β -alkyl-(E)- β -enoates by circular dichroism. <i>Tetrahedron: Asymmetry</i> , 1990 , 1, 389-394		10
174	A new method for generation and intramolecular diels-alder reaction of N-acyl and N-alkoxycarbonyl-1-aza-1,3-butadibnes. A one-pot synthesis of 1,7,8,8a-tetrahydro-3(2H)-indolizinones and 1,2,3,8,9,9a-hexahydro-4(4h)-quinolinones from β , β -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 1990 , 31, 3753-3756	2	22
173	Stereodivergent synthesis of the enolates of a β -amino ester by using lithium N-benzyltrimethylsilylamide. <i>Tetrahedron</i> , 1990 , 46, 4563-4572	2.4	52

- 172 Highly Selective Synthesis of (E)-Alkene Isosteric Dipeptides With High Optical Purity via RCu(CN)LiBF₃ Mediated Reaction. *Angewandte Chemie International Edition in English*, **1990**, 29, 801-803 33
- 171 Hochselektive Synthese von Dipeptid-isosteren (E)-Alkenen hoher optischer Reinheit mit RCu(CN)LiBF₃. *Angewandte Chemie*, **1990**, 102, 816-818 3.6 2
- 170 THE STEREOCHEMISTRY OF C-C BOND FORMATION VIA METAL ENOLATES. ALKYLATION AND HETEROATOM INTRODUCTION **1990**, 3-92 2
- 169 A conformationally rigid acyclic molecule. *Journal of the American Chemical Society*, **1990**, 112, 8598-8599 16.4 12
- 168 A new method for the synthesis of N-t-butoxycarbonyl protected β -alkoxy amines from allylamines under neutral conditions. *Journal of the Chemical Society Chemical Communications*, **1990**, 1304-1306 3
- 167 Stabilization and activation of dienolates with germanium and tin. Stereo- and regioselective aldol reactions, regioselective coupling reactions, and regioselective synthesis of amino acid derivatives. *Journal of Organic Chemistry*, **1990**, 55, 3118-3128 4.2 59
- 166 Copper azide as a new reagent for syn-SN₂ displacement of .gamma.-sulfonyloxy-.alpha.,.beta.-unsaturated esters. *Journal of Organic Chemistry*, **1990**, 55, 5303-5304 4.2 9
- 165 Stereodivergent synthesis of 1,2-diol derivatives via .alpha.-alkoxy organolead compounds. SE₂-retention pathway. *Journal of the American Chemical Society*, **1990**, 112, 6118-6120 16.4 25
- 164 A new approach to the construction of .beta.-alkoxy-substituted cyclic ethers via the intramolecular cyclization of .omega.-trialkylplumbyl and .omega.-trialkylstannyl ether acetals. *Journal of Organic Chemistry*, **1990**, 55, 6066-6068 4.2 37
- 163 The first alkylation of o-carboranes under essentially neutral conditions. Application to the synthesis of boron-10 carriers. *Journal of Organic Chemistry*, **1990**, 55, 6065-6066 4.2 17
- 162 A multistep rearrangement from 2,2-disubstituted-1,3-cyclohexanediones to 3-substituted 2-cyclohexenones via phosphonate anions and its application to a formal synthesis of (.+.-).alpha.-acoradiene. *Journal of Organic Chemistry*, **1990**, 55, 3971-3972 4.2 13
- 161 Development of a new acyl anion equivalent for the preparation of masked activated esters, and their use to prepare a dipeptide. *Journal of Organic Chemistry*, **1990**, 55, 4515-4516 4.2 63
- 160 New reagents. X. Reagents for functionalization. Amination reagent: Diamidecopper lithium.. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **1990**, 48, 1066-1067 0.2 1
- 159 New methods for stereocontrol via Lewis acid and an electron transfer.. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **1990**, 48, 436-446 0.2 0
- 158 THE STEREOCHEMISTRY OF THE SAKURAI REACTION **1989**, 363-441 1
- 157 Highly stereodivergent generation of the Z- and E-enolates of a β -amino ester via conjugate addition to methyl crotonate by using lithium N-benzyltrimethylsilylamide as a nitrogen nucleophile, and application to stereoselective aldol reactions. *Journal of the Chemical Society Chemical Communications*, **1989**, 753-754 16
- 156 Regio- and stereo-selectivity in the reaction of methyl 4,5-epoxy-2-hexenoate with methylcopper reagents. *Tetrahedron*, **1989**, 45, 435-442 2.4 22
- 155 Aminolead compounds as a new reagent for regioselective ring opening of epoxides. *Tetrahedron Letters*, **1989**, 30, 4255-4258 2 60

154	A novel method for generation of enolizable N-trimethylsilylaldimines and application to lactam synthesis. <i>Tetrahedron Letters</i> , 1989 , 30, 4275-4278	2	23
153	The alkylation of β -ethoxycarbamates with organo-lead, -zinc, and -copper reagents. High cram selectivity and formal nonbasic alkylation of imines. <i>Tetrahedron Letters</i> , 1989 , 30, 5611-5614	2	19
152	Boron-10 carriers for NCT. A new synthetic method via condensation with aldehydes having boronic moiety. <i>Tetrahedron Letters</i> , 1989 , 30, 7191-7194	2	28
151	Regioselective synthesis of either β - or δ -amino acid derivatives via Li, Sn-masked, and/or Ge-masked dienolates. <i>Tetrahedron Letters</i> , 1989 , 30, 3445-3448	2	16
150	Construction of fused-ring skeletons based on photochemical rearrangements of bicyclo[3.2.1]oct-6-en-2-ones and application to a total synthesis of (+)- Δ^9 (12)-capnellene. <i>Journal of Organic Chemistry</i> , 1989 , 54, 5411-5413	4.2	22
149	Rearrangement approach to bridgehead substitution of 1-methoxybicyclo[2.2.2]oct-5-en-2-ones. <i>Journal of the American Chemical Society</i> , 1989 , 111, 7264-7265	16.4	22
148	Organocyanocopper-trifluoroborane mediated 1,3-chirality transfer reaction of γ -(mesyloxy)- α -alkyl α,β -enoates for the construction of chiral quaternary carbon centers with high optical purity. <i>Journal of Organic Chemistry</i> , 1989 , 54, 4055-4061	4.2	60
147	Very high chemoselective, regioselective, and E-stereoselective 1,3-chirality transfer involving reaction of acyclic (E)- and (Z)- γ -(mesyloxy) α,β -enoates and organocyanocopper-trifluoroborane reagents. Efficient synthetic routes to functionalized chiral α -alkyl (E)- β - γ -enoates and (E)-allylic alcohols with high optical purity. <i>Journal of Organic Chemistry</i> , 1989 , 54, 4062-4069	16.4	55
146	The Lewis acid mediated reaction of carbamates with β -oxygenated allyltin and its application to (β)-statine synthesis. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1310-1312		28
145	New method for the synthesis of boron-10 containing nucleoside derivatives for neutron-capture therapy via palladium-catalyzed reaction. <i>Journal of Organic Chemistry</i> , 1989 , 54, 4734-4736	4.2	89
144	A regio-, (E)-stereo-, and chemo-selective synthesis of unsymmetrical divinylmethanols starting from L- and D-tartrates via organocyanocopper Lewis acid mediated 1,3-chirality transfer. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 967		14
143	Intervention of the boat transition state in the allylic tin β ldehyde condensation at high pressure. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1676-1678		4
142	Total synthesis of (β)-nakafuran-8, a marine metabolite with antifeedant properties, based on formal bridgehead substitution of a bicyclo[2.2.2]oct-5-en-2-one system. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1841-1842		12
141	Cyclisation of β,γ -unsaturated dioic acid esters via tandem conjugate additions by using lithium N-benzyltrimethylsilylamide (LSA) as a nitrogen nucleophile and its application to a total synthesis of (β)-dihydronepetalactone and (β)-isodihydronepetalactone. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1418-1419		20
140	Diastereofacial selection in the conjugate reduction of α -alkyl- β,γ -unsaturated carbonyl derivatives. Stereocontrol dictated by aromatic ring β d interaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 1703-1705		6
139	Triethylgallium Mediated Lactamization of β,γ -Amino Carboxylic Acids. <i>Chemistry Letters</i> , 1989 , 18, 797-800		9
138	Organic synthesis at high pressure. Recent development.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1989 , 47, 321-329	0.2	2
137	Studies on the reaction of β -imino esters with organometallic compounds. <i>Tetrahedron</i> , 1988 , 44, 5415-5423	4.2	112

136	Lithium n-benzyltrimethylsilylamide (LSA): a new reagent for conjugate addition - enolate trapping reactions. <i>Tetrahedron</i> , 1988 , 44, 4173-4180	2.4	49
135	The anti-selective Michael addition of allylic organometals to ethyldenemalonates and related compounds. <i>Journal of Organic Chemistry</i> , 1988 , 53, 3597-3603	4.2	32
134	Acyclic stereocontrol via and electron-transfer process. Remarkable stereochemical difference between one- and two-electron events. <i>Journal of the American Chemical Society</i> , 1988 , 110, 617-618	16.4	49
133	Rearrangement approaches to cyclic skeletons. 6. Total synthesis of (.+.)-ptilocaulin on the basis of formal bridgehead substitution and photochemical [1,3] acyl migration of a bicyclo[3.2.2]non-6-en-2-one system. <i>Journal of Organic Chemistry</i> , 1988 , 53, 3669-3673	4.2	18
132	Anti-Cram selective reduction of acyclic ketones via electron transfer initiated processes. <i>Journal of the American Chemical Society</i> , 1988 , 110, 4475-4476	16.4	16
131	New stereoselective synthesis of 20S and 20R steroidal side chains. Remarkable stereoselectivity differences between saturated and .alpha.,.beta.-unsaturated steroidal esters. <i>Journal of Organic Chemistry</i> , 1988 , 53, 3947-3952	4.2	15
130	A new stereoselective synthesis of (20R)- and (20S)-steroidal side chains. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 342		5
129	CarbonCarbon bond formation at the Eposition of dienolates via the germanium masked dienolates. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 1639-1640		14
128	Aldol condensation via germanium enolates. Stereoselection dictated by the co-presence of lithium halides. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 802		8
127	CarbonCarbon bond formation at the Eposition of dienolates via the palladium catalysed coupling of the tin masked dienolates. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 86-87		21
126	Stereospecific Synthesis of 3-Oxo- β -bourbonene and the Cisoid Isomer for Structural Determination of the Toxic Component of <i>Lansium domesticum</i> . <i>Bulletin of the Chemical Society of Japan</i> , 1988 , 61, 2672-2674	5.1	3
125	High Pressure Reaction of 1-Methoxy-3-trialkylsiloxybuta-1,3-diene with Aldehydes. [4 + 2] Cycloaddition or Silicon Migration Reaction. <i>Chemistry Letters</i> , 1987 , 16, 945-946	1.7	2
124	Stereoselective β -alkylation of β,β -unsaturated esters utilizing conjugate addition of nitrogen nucleophiles (R ₂ NLi). <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1410-1411		22
123	Acyclic stereocontrol via allylic organometallic compounds. <i>Accounts of Chemical Research</i> , 1987 , 20, 243-249	24.3	272
122	Do the organocopper conjugate additions to .alpha.,.beta.-unsaturated esters proceed in a 1,4- or 1,2-fashion?. <i>Journal of the American Chemical Society</i> , 1987 , 109, 5820-5822	16.4	17
121	Diastereo- and regio-selective aldol condensation by trapping dienolates with tin. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 561		15
120	Diastereoselectivity of conjugate addition to β alkoxy- β,β -unsaturated esters via organocopperLewis acids and related reagents. Importance of the double bond geometry in controlling the selectivity. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 464-466		33
119	Ready coupling of acid chlorides with tetra-alkyl-lead derivatives catalysed by palladium. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1302		13

118	An efficient synthesis of chiral quaternary carbon centres with high optical purity via 1,3-chirality transfer. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1596		21
117	Enhanced Cram selectivity in carbonyl alkylation via β -alkoxy anions and anti-Cram selectivity via β -alkoxy cuprates. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 923-924		4
116	Synergistic effect of multichiral centres. Chelation control vs. acetal template in 1,3-asymmetric induction. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1218		13
115	Diastereoselectivity of conjugate addition to β -alkyl- α,β -unsaturated esters; stereocontrol with the aid of organocopper reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1572-1573		20
114	A biogenetic synthesis of (R)-secotrineriviten-2,3-diol. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 977-978		6
113	A new type of stable, storable, and selective alkylating reagent, tetraalkyllead. <i>Journal of the American Chemical Society</i> , 1987 , 109, 4395-4396	16.4	19
112	Rearrangement approaches to cyclic skeletons. V.. <i>Tetrahedron</i> , 1987 , 43, 5605-5620	2.4	11
111	The first synthesis of (R)-3-acetoxy-15-hydroxy-7,16-seco-trinervita-7,11-diene, defense substance from a termite soldier. <i>Tetrahedron Letters</i> , 1987 , 28, 1439-1442	2	8
110	Selective Synthesis by Use of Lewis Acids in the Presence of Organocopper and Related Reagents. New Synthetic Methods (61). <i>Angewandte Chemie International Edition in English</i> , 1986 , 25, 947-959		208
109	Selective Synthesen mit Organokupfer-Verbindungen und verwandten Spezies in Anwesenheit von Lewis-Säuren. <i>Angewandte Chemie</i> , 1986 , 98, 945-957	3.6	49
108	The titanium tetrachloride-mediated alkynylation and allylation of a steroidal aldehyde via stannylacetylenes and allylstannanes with high Cram selectivity. <i>Journal of the Chemical Society Chemical Communications</i> , 1986 , 102		20
107	Very high 1,2- and 1,3-asymmetric induction in the reactions of allylic boron compounds with chiral imines. <i>Journal of the American Chemical Society</i> , 1986 , 108, 7778-86	16.4	141
106	Importance of the timing of bond breaking and bond making in acetal templates. Enantiodivergent synthesis of steroidal side chains. <i>Journal of the American Chemical Society</i> , 1986 , 108, 7116-7117	16.4	59
105	Diastereodivergent control in the reactions of allylic and allenic organometallic reagents with pyruvates. <i>Journal of Organic Chemistry</i> , 1986 , 51, 886-891	4.2	39
104	Organocopper-Lewis acid mediated 1,3-chirality transfer of acyclic γ,δ -dioxxygenated (E)- α,β -enoates. Regio-, (E)-stereo-, and diastereoselective α -alkylation approaching 100% selectivity. <i>Journal of the American Chemical Society</i> , 1986 , 108, 7420-7422	16.4	40
103	Organocopper-Lewis acid complex reagents. The past and present.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1986 , 44, 829-845	0.2	3
102	Reduction-alkylation with organocopper(I) reagents-alkyl halides : Highly regioselective α -alkylation of γ -acetoxy- α,β -enoates with lithium dibutylcuprate-alkyl halides and difference in the reactivity of electron-deficient olefins with organocopper(I)-Lewis acid reagents.. <i>Chemical and Pharmaceutical Bulletin</i> , 1986 , 34, 2417-2427	1.9	12
101	Concerning reversal of diastereoselectivity in the BF_3 promoted addition of crotyl organometallic compounds to aldehydes. <i>Journal of Organometallic Chemistry</i> , 1985 , 284, C45-C48	2.3	18

100	Differences in the reaction of electron deficient olefins with organocopper(I)-Lewis acid reagents and evidence for a dianionic equivalent. <i>Journal of Organometallic Chemistry</i> , 1985 , 287, c18-c22	2.3	14
99	The influence of (organo)metallics metal-tuning on stereo- and regio-chemical convergence in reactions of allylic carbanions with aldehydes. <i>Journal of Organometallic Chemistry</i> , 1985 , 292, 311-318	2.3	40
98	Allylic organometallic way to control acyclic stereochemistry and its application to the synthesis of carbohydrates. <i>Journal of Organometallic Chemistry</i> , 1985 , 285, 31-42	2.3	46
97	Remote chirality control in 1,2-asymmetric induction: a remarkable difference between the meso- and (E)-isomers of dimethylglutaric hemialdehyde. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 1429-1431		13
96	The threo-selective reaction of but-2-enyl organometallic compounds with ethylidenemalonates and related compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 386		9
95	Enantiodivergent 1,2- and 1,3-asymmetric induction in E- and Ealkoxyimines via metal tuning and stereodifferentiation. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 814-816		33
94	Organometallic-crown reagents. Anti-Cram selectivity via R ₂ CuLi.cntdot.crown and enhanced Cram selectivity via RLi.cntdot.crown and RMgX.cntdot.crown. <i>Journal of the American Chemical Society</i> , 1985 , 107, 6411-6413	16.4	29
93	Enantio- and diastereo-selective synthesis of amino acids via the reaction of allylic boron compounds with E-imino-esters. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 1131-1132		34
92	Diastereofacial selectivity in the reaction of allylic organometallic compounds with imines. Stereoelectronic effect of imine group. <i>Journal of Organic Chemistry</i> , 1985 , 50, 3115-3121	4.2	76
91	Stereo- and regiocontrol of acyclic systems via the lewis acid mediated reaction of allylic stannanes with aldehydes. <i>Tetrahedron</i> , 1984 , 40, 2239-2246	2.4	149
90	Aldol reactions, conjugate additions, and alkylation reactions of O-silylated ketene acetals under neutral conditions. <i>Tetrahedron Letters</i> , 1984 , 25, 1075-1078	2	28
89	Regioselective head-to-tail coupling of allylic trialkylstannanes with allylic halides under high pressure. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 548		6
88	The threo-selective reaction of allenic organometallic compounds with imines. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 1004		15
87	The opposite diastereoselectivity in the alkylation and protonation of enolates. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 904		19
86	Organometallic high pressure reaction. 5. A new procedure for the synthesis of .alpha.-silylated esters and lactones. Migration of silicon from oxygen to carbon at high pressure. <i>Organometallics</i> , 1984 , 3, 1583-1585	3.8	21
85	Very high 1,2-asymmetric induction in the reaction of allyl-9-BBN with certain imines. Evidence for a stereoelectronic effect to enhance the Cram selectivity. <i>Journal of the American Chemical Society</i> , 1984 , 106, 5031-5033	16.4	60
84	Regional convergence in the reaction of heterosubstituted allylic carbanions via allylic aluminum and boron ate complexes. <i>Journal of Organic Chemistry</i> , 1984 , 49, 1096-1104	4.2	62
83	Regioreversed addition of crotylmagnesium chloride to carbonyl compounds in the presence of aluminum chloride. <i>Journal of Organic Chemistry</i> , 1983 , 48, 1564-1565	4.2	36

82	Diastereoselective reactions of pyruvates with but-2-enyl organometallic compounds. Stereocontrol at the tertiary carbon centre. <i>Journal of the Chemical Society Chemical Communications</i> , 1983 , 191		16
81	Regioreversed addition of but-2-enyltributylstannane to aldehydes in the presence of aluminium chloridepropan-2-ol. <i>Journal of the Chemical Society Chemical Communications</i> , 1983 , 742-743		25
80	Selective synthesis of either branched or linear homoallyl alcohols via the reaction of aldehydes with the allylic borane-selenium system. <i>Journal of Organic Chemistry</i> , 1983 , 48, 5408-5409	4.2	16
79	Organometallic high-pressure reactions. 2. Aldol reaction of silyl enol ethers with aldehydes under neutral conditions. <i>Journal of the American Chemical Society</i> , 1983 , 105, 6963-6965	16.4	49
78	Organometallic high pressure reactions. Allylation of aldehydes with allylic stannanes under mild conditions. <i>Journal of the Chemical Society Chemical Communications</i> , 1983 , 489		36
77	The metal effect on aldol type stereoselection. Erythro-selective condensations with aldehydes via .alpha.-mercurio ketones. <i>Journal of the American Chemical Society</i> , 1982 , 104, 2323-2325	16.4	37
76	Lewis acid mediated reactions of organocopper reagents. Entrainment in the conjugate addition to .alpha.,.beta.-unsaturated ketones, esters, and acids via the RCu.cntdot.BF3 system. <i>Journal of Organic Chemistry</i> , 1982 , 47, 119-126	4.2	204
75	Stereocontrol using a heterosubstituted allylic carbanion. Regio- and stereo-selective reactions of trimethylsilyl allylic carbanions with aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 1326b		14
74	The Metal Effect on the Stereoselection in Acyclic Systems The Reaction of Allylic Organometallic Compounds and Metal Enolates. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1982 , 40, 332-342	0.2	4
73	Regioreversed reactions of trimethylsilyl or phenylselenyl allylic carbanion with carbonyl compounds via allylic aluminum BteL complexes. <i>Tetrahedron Letters</i> , 1982 , 23, 4597-4600	2	26
72	Heterosubstituted allylic carbanion based stereocontrol, regio- and stereo- selective reaction of O and S substituted allylic carbanions with aldehydes. <i>Tetrahedron Letters</i> , 1982 , 23, 4959-4962	2	23
71	Threo-selective aldol condensations of lithium enolates in the presence of trialkylboranes. <i>Tetrahedron Letters</i> , 1982 , 23, 2387-2390	2	15
70	Organometallic Compounds for Stereoregulated Synthesis of Acyclic Systems. Their Application to the Synthesis of the Prelog-Djerassi Lactonic Acid. <i>Heterocycles</i> , 1982 , 18, 357	0.8	141
69	Reaction of allylic boron and aluminum "ate" complexes with organic halides and carbonyl compounds. Trialkylboranes as regio-, stereo-, and chemoselective control elements. <i>Journal of the American Chemical Society</i> , 1981 , 103, 1969-1975	16.4	54
68	.alpha.-Silyl- or -stannyl-substituted crotyl-9-borabicyclo[3.3.1]nonane as a new reagent for the stereoregulated synthesis of acrylic systems. <i>Journal of the American Chemical Society</i> , 1981 , 103, 3229-3231	16.4	50
67	Exploitation of solar energy storage systems. Valence isomerization between norbornadiene and quadricyclane derivatives. <i>Journal of Organic Chemistry</i> , 1981 , 46, 5294-5300	4.2	39
66	erythro-Selective aldol condensation via triphenyltin enolates. Stereoselection independent of the stereochemistry of the enolates. <i>Journal of the Chemical Society Chemical Communications</i> , 1981 , 162		35
65	HIGHLY EFFICIENT VALENCE ISOMERIZATION BETWEEN NORBORNADIENE AND QUADRICYCLANE DERIVATIVES UNDER SUNLIGHT. <i>Chemistry Letters</i> , 1981 , 10, 839-842	1.7	11

64	Crotylzirconium derivatives as a new reagent for the threo selective synthesis of β -methylhomoallyl alcohols. <i>Tetrahedron Letters</i> , 1981 , 22, 2895-2898	2	46
63	A short and stereoselective synthesis of the (β) Prelog-Djerassi lactonic acid. <i>Tetrahedron Letters</i> , 1981 , 22, 4235-4238	2	33
62	Selective reduction of tertiary alkyl, benzyl, and allyl halides to hydrocarbons using lithium 9,9-di-n-butyl-9-borabicyclo[3.3.1]nonanate. <i>Tetrahedron</i> , 1981 , 37, 2261-2267	2.4	16
61	LITHIUM IODIDE MEDIATED REGIOSELECTIVE COUPLING OF LITHIUM ACETYLIDES WITH ALLYLIC HALIDES. <i>Chemistry Letters</i> , 1980 , 9, 669-670	1.7	5
60	PHOTOISOMERIZATION OF NORBORNADIENE TO QUADRICYCLANE IN THE PRESENCE OF COPPER(I)-NITROGEN LIGAND CATALYSTS. <i>Chemistry Letters</i> , 1980 , 9, 1259-1262	1.7	12
59	Zirconium enolate as a new erythro-selective aldol condensation reagent. <i>Tetrahedron Letters</i> , 1980 , 21, 4607-4610	2	93
58	^{13}C NMR spectra of allylic boron β -alkoxy complexes. Relative importance of β -conjugation between the double bond and the carbon-boron bond. <i>Tetrahedron Letters</i> , 1980 , 21, 3599-3602	2	3
57	Lewis acid mediated reactions of organocopper reagents. A remarkably enhanced regioselective γ -attack of allylic halides and direct alkylation of allylic alcohols via $\text{RCu} \cdot \text{BF}_3$ system. <i>Journal of the American Chemical Society</i> , 1980 , 102, 2318-2325	16.4	85
56	Erythro-selective addition of crotyltrialkyltins to aldehydes regardless of the geometry of the crotyl unit. Stereoselection independent of the stereochemistry of precursors. <i>Journal of the American Chemical Society</i> , 1980 , 102, 7107-7109	16.4	185
55	Synthesis of triacontanol via metathesis-hydroboration-isomerization-oxidation. <i>Journal of Organic Chemistry</i> , 1980 , 45, 737-738	4.2	28
54	High control of the regiochemistry in reactions of heterosubstituted allylic carbanions via allylic aluminum "ate" complexes. <i>Journal of Organic Chemistry</i> , 1980 , 45, 195-196	4.2	36
53	High control of the stereochemistry of the reactions of carbanions β to sulfoxides via an aluminium β -alkoxy complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1980 , 239-240		5
52	Enhancement of threo-selectivity in the reaction of but-2-enyl-lithium with aldehydes via allylic boronate complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1980 , 1072		10
51	RhCl_3 -catalysed amide bond formation under mild conditions. <i>Journal of the Chemical Society Chemical Communications</i> , 1980 , 835		13
50	A new procedure for the stereoselective synthesis of (Z)-2-alkenylsilanes and -tins and their application to erythro-selective synthesis of β -alkyl alcohol derivatives. <i>Journal of the American Chemical Society</i> , 1980 , 102, 4548-4550	16.4	86
49	Regiocontrolled head-to-tail coupling of alkylthioallyl carbanions with allylic halides via lithium alkylthioallyl borates. <i>Journal of the Chemical Society Chemical Communications</i> , 1979 , 157		11
48	Proton NMR studies of alkenylboranes. The presence of diastereomers in certain alkenylboranes. <i>Journal of Organic Chemistry</i> , 1979 , 44, 2566-2568	4.2	5
47	REGIOSELECTIVE CARBON-CARBON BOND FORMATION AT THE β -POSITION OF A SULFUR STABILIZED ALLYL CARBANION VIA AN ALKYLTHIOALLYLBORON β -ALKOXY COMPLEX. <i>Chemistry Letters</i> , 1979 , 8, 385-386	1.7	11

46	Synthesis of Disubstituted Benzoquinones by the Photochemical Reaction of Acetylenes with Fe(CO) ₅ . <i>Bulletin of the Chemical Society of Japan</i> , 1979 , 52, 1877-1878	5.1	17
45	Stereocontrolled cis addition of organocopper reagents RCu.cntdot.BR'3 to .alpha.,.beta.-acetylenic carbonyl compounds. <i>Journal of Organic Chemistry</i> , 1979 , 44, 1744-1746	4.2	37
44	B Synthesis and Properties of Boron Compounds. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1979 , 37, 1008-1016	0.2	1
43	Highly Selective Organic Synthesis via Organic Ate Complexes. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1979 , 37, 641-654	0.2	3
42	Direct alkylation of allylic alcohols with allylic rearrangement using a new alkylating reagent, RCu: BF ₃ . <i>Journal of Organometallic Chemistry</i> , 1978 , 156, C9-C11	2.3	12
41	Protonolysis of alkenylboranes under neutral condition by treatment with catalytic amounts of palladium diacetate. <i>Journal of the Chemical Society Chemical Communications</i> , 1978 , 702		20
40	RCu.BF ₃ . 3. Conjugate addition to previously unreactive substituted enoate esters and enoic acids. <i>Journal of the American Chemical Society</i> , 1978 , 100, 3240-3241	16.4	132
39	Reaction of organoboranes with 2,5-dihydroxy-1,4-benzoquinone and related compounds, and its application to the synthesis of rapanone. <i>Journal of Organic Chemistry</i> , 1978 , 43, 4895-4898	4.2	6
38	Regiocontrolled head-to-tail coupling of allylic boron "ate" complexes with allylic halides. <i>Journal of the American Chemical Society</i> , 1978 , 100, 6282-6284	16.4	24
37	Reaction of Bis(trans-1-hexenyl)methylborane with Two Molar Equivalents of Methylcopper(I). Evidence for the Presence of trans-1-Hexenylcopper(I) as an Intermediate. <i>Bulletin of the Chemical Society of Japan</i> , 1977 , 50, 3427-3428	5.1	7
36	Stereoselective synthesis of E-olefins by the reaction of alkenylboranes with palladium acetate. <i>Journal of the Chemical Society Chemical Communications</i> , 1977 , 852		19
35	Organoboranes. 22. Light-induced reaction of bromine with alkylboronate esters. A convenient synthesis of .alpha.-bromoalkylboronate esters. <i>Journal of Organic Chemistry</i> , 1977 , 42, 3252-3254	4.2	25
34	Organoboranes. 23. Reaction of organolithium and Grignard reagents with .alpha.-bromoalkylboronate esters. A convenient, essentially quantitative procedure for the synthesis of tertiary alkyl-, benzyl-, propargyl-, and stereospecific allylboranes. <i>Journal of Organic Chemistry</i> , 1977 , 42, 4088-4092	4.2	39
33	Reaction of alkenylboranes with methylcopper. A convenient new procedure for the synthesis of symmetrical (E,E)-1,3-dienes. <i>Journal of the American Chemical Society</i> , 1977 , 99, 5652-5656	16.4	41
32	A novel class of alkylating reagent, RCu.BF ₃ . Substitution of allyl halides with complete allylic rearrangement. <i>Journal of the American Chemical Society</i> , 1977 , 99, 8068-8070	16.4	67
31	Synthesis of Organoboranes and Their Application. <i>Journal of Japan Oil Chemists Society</i> , 1977 , 26, 203-211		
30	Reversed Regioselectivity in the reduction of epoxides with lithium 9,9-di-n-butyl-9-borabicyclo[3.3.1]nonanate. <i>Journal of the Chemical Society Chemical Communications</i> , 1976 , 672-673		5
29	Stereoselective synthesis of 1,4-dienes and mono-olefins by methylcopper-induced cross-coupling of dialkenylchloroboranes with organic halides. <i>Journal of the Chemical Society Chemical Communications</i> , 1976 , 452		20

28	Stereo-, chemo-, and regioselective reductions of carbonyl groups via the lithium di-n-butyl-9-borabicyclo[3.3.1]nonane "ate" complex. <i>Journal of the American Chemical Society</i> , 1976 , 98, 1965-1967	16.4	23
27	¹ H AND ¹³ C NMR SPECTRA OF TETRAALKYLBORON ATE COMPLEXES. HYDRIDE CHARACTER OF π -HYDROGENS TO BORON. <i>Chemistry Letters</i> , 1975 , 4, 1199-1200	1.7	4
26	¹³ C NMR SPECTRA OF ALKENYLBORANES. EVIDENCE FOR THE PRESENCE OF π CHARACTER IN THE B-C BOND. <i>Chemistry Letters</i> , 1975 , 4, 57-58	1.7	0
25	Reaction of Organoboranes with Lithium Aldimines. A New Procedure for the Synthesis of Unsymmetrical Ketones. <i>Bulletin of the Chemical Society of Japan</i> , 1975 , 48, 3682-3685	5.1	10
24	¹³ C NMR SPECTRA AND BONDING SITUATION OF THE B-C BOND IN ALKYNILBORANES. <i>Chemistry Letters</i> , 1975 , 4, 439-440	1.7	0
23	A new approach for the synthesis of partially mixed trialkylcarbinols via the reaction of dialkylchloroboranes with lithium aldimines. <i>Tetrahedron Letters</i> , 1975 , 16, 2689-2692	2	5
22	Reaction of organoboranes with lithium aldimines. New approach for the synthesis of partially mixed trialkylcarbinols. <i>Journal of Organic Chemistry</i> , 1975 , 40, 3644-3646	4.2	10
21	Carbon-13 nuclear magnetic resonance studies of organoboranes. Relative importance of mesomeric boron-carbon π -bonding forms in alkenyl- and alkynylboranes. <i>Journal of Organic Chemistry</i> , 1975 , 40, 3434-3437	4.2	48
20	9-BBN [9-borabicyclo[3.3.1]nonane] ate complexes as a new type of reducing agent for the selective reduction of tertiary alkyl, benzyl, and allyl halides to hydrocarbons. <i>Journal of the American Chemical Society</i> , 1975 , 97, 2558-2559	16.4	18
19	Methylcopper induced coupling of dialkenylchloroboranes. New procedure for the stereoselective synthesis of (E,E)-1,3-dienes. <i>Journal of the American Chemical Society</i> , 1975 , 97, 5606-5607	16.4	23
18	Reductive Dehalogenating Agents -Sodium Cyanoborohydride, Lithium Triethylborohydride, Copper Ate Complex, 9-BBN Ate Complex-. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1975 , 33, 973-977	0.2	0
17	AN UNUSUAL DIRECTIVE EFFECT IN THE HYDROBORATION OF 2-BROMONORBORNENE WITH 9-BORABICYCLO[3.3.1]NONANE. <i>Chemistry Letters</i> , 1974 , 3, 485-488	1.7	3
16	New Hydroborating Agents. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1974 , 32, 544-551	0.2	5
15	Light-induced reaction of boracyclanes with bromine in the presence of water. Ring contraction of boracyclanes to produce carbocyclic structures. <i>Journal of the Chemical Society Chemical Communications</i> , 1973 , 801		7
14	A rapid rearrangement of π -bromoethylborane induced by electrophilic reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1972 , 71-72		5
13	The photochemically induced reaction of bromotrichloromethane with triethylborane and related trialkylboranes. A new route to π -bromination of trialkylboranes. <i>Challenge</i> , 1971 , 1535-1536	0.8	6
12	Rearrangement of α -bromoethyldiethylborane induced by nucleophilic reagents. Unusually facile rearrangement applicable to the synthesis of carbon structures. <i>Journal of the American Chemical Society</i> , 1971 , 93, 2796-2798	16.4	13
11	Novel reaction of ethyl diazoacetate with allylnickel bromide. <i>Challenge</i> , 1969 , 1457-1458	0.8	12

10	The Electron Spin Resonance of Triplet Dihydrodibenzo[a,d]cycloheptenylidene, Dibenzo[a,d]cycloheptenylidene, and Tribenzo[a,c,e]cycloheptenylidene. <i>Journal of the American Chemical Society</i> , 1967 , 89, 1259-1260	16.4	34
9	Solvent Effect on Stereochemistry.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1967 , 25, 1121-1133	0.2	
8	C ₆₀ Transformation at Functionalized Alkanes317-496		
7	Palladium Catalyzed Cascade Reactions Involving π -Allyl Palladium Chemistry91-113		37
6	Copper-Mediated Synthesis of Natural and Unnatural Products289-314		1
5	Palladium-Catalyzed Benzannulation Reactions of Conjugated Enynes and Diynes1635-1646		3
4	The Tsuji–Trost Reaction and Related Carbon–Carbon Bond Formation Reactions: Palladium-Catalyzed Reactions of Soft Carbon Nucleophiles with Dienes, Vinylcyclopropanes, and Related Compounds1833-1844		
3	Carbopalladation of Alkynes Followed by Trapping with Electrophiles1361-1367		1
2	Palladium-Catalyzed Carbon Skeletal Rearrangements: Cope, Claisen, and Other [3,3] Rearrangements2919-2934		34
1	Visible-Light-Promoted Iron-Catalyzed N-Arylation of Dioxazolones with Arylboronic Acids. <i>ACS Catalysis</i> ,13955-13961	13.1	2