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2282 Tandem UllmannGoldberg Cross-Coupling/Cyclopalladation-Reductive Elimination Reactions and Related Sequences Leading to Polyfunctionalized Benzofurans, Indoles, and Phthalanes.

2281 Sequential Reduction of Nitroalkanes Mediated by CS<sub>2</sub> and Amidine/Guanidine Bases: A Controllable Nef Reaction.

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2254 ChemInform Abstract: RAPID CHROMATOGRAPHIC TECHNIQUE FOR PREPARATIVE SEPARATIONS WITH MODERATE RESOLUTION. **1979**, 10, no

2253 Notiz über einen Zugang zu  $\alpha$ -ungesättigten Carbonsäurederivaten mit Hilfe der Amidacetal-Claisenumlagerung. Über synthetische methoden, 17. Mitteilung. **1979**, 62, 1922-1931 35

2252 High Syn Selectivity of a SE<sub>2</sub> Reaction: Acylation of an Optically Active 1,1-Disilyl-2-alkene. Preliminary communication. **1979**, 62, 1985-1989 27

2251 Steroid photochemistry. **1979**, 35, 2613-2621 4

2250 Proton exchange in dehydromethionine; Synthesis of [C<sup>2</sup>H<sup>3</sup>]-L-methionine. **1979**, 20, 2937-2938 5

2249 Vanadium-catalyzed epoxidations. I. A new selectivity pattern for acyclic allylic alcohols.. **1979**, 20, 4729-4732 99

2248 Synthesis of 8,9-dioxabicyclo[5.2.1]decane derivatives from cyclooctene. **1979**, 20, 729-732 6

2247 Claisen ortho ester rearrangement with trimethyl 3-(phenylseleno)orthopropionate: A synthon for the preparation of 2-substituted acrylates and  $\alpha$ -methylene- $\gamma$ -butyrolactones. **1979**, 20, 3057-3060 16

2246 Synthesis of a functionalized D-glucose: A synthon for the carbomycins (magnamycins). **1979**, 20, 3371-3374 7

2245 Synthesis of gymnomitrol. **1979**, 101, 6767-6768 16

2244 The synthesis of diazo, halo, and sulfoxy bile acid derivatives: potential affinity labels. **1979**, 34, 171-87 1

2243 NEW GERANYLGERANYLBENZOQUINONE DERIVATIVES FROM SARGASSUM TORTILE. **1979**, 8, 1269-1272 30

2242 A NEW MACROCYCLIC SESTERTERPENE ACID FROM CEROPLASTES CERIFERUS. **1979**, 8, 1129-1132 8

2241 The Preparation of N-Benzyl- $\alpha$ -ethoxycarbonylnitrone and Its Reactions with Some Olefins. **1979**, 52, 3763-3764 30

2240 A convenient method for the selective reduction of amides to amines. **1980**, 21, 4061-4064 76

2239 Grindelane diterpenoids from *Chrysothamnus nauseosus*. **1980**, 19, 2689-2693 25

2238 Anionic oxy-cope reaction of a divinyl cyclobutanol, pleuromutilin model study. **1980**, 21, 4547-4548 38



- 2237 Claisen ortho ester rearrangement with trimethyl  $\beta$ -(methoxy)orthopropionate: a thermally stable synthon for the preparation of methyl  $\beta$ -substituted acrylates. **1980**, 21, 4335-4338 11
- 2236 The synthesis of the  $\beta$ -enantiomer of (+)-anhydromyriocin ( $\beta$ ), the  $\beta$ -lactone derived from myriocin (thermozymocidin). **1980**, 21, 3219-3222 18
- 2235 The use of the 2,4-dinitrophenyl group in sugar chemistry re-examined. **1980**, 99, 355-362 35
- 2234 Zur Synthese von  $\beta$ -Isosantalol. **1980**, 111, 1299-1306 4
- 2233 Photochemische Reaktionen. 106. Mitteilung. Zur Photochemie tetraalkylsubstituierter  $\beta$ -Keto-olefine. **1980**, 63, 154-190 15
- 2232 Photochemische Reaktionen. 110. Mitteilung [1]. Zur Photochemie  $\beta$ -Methano- $\beta$ -enone. **1980**, 63, 1520-1537 8
- 2231 Photochemische Reaktionen 114. Mitteilung [1]. Zur Photochemie cyclischer Acetale vom 1,3-Dioxa-4,6-cycloheptadien-Typus. **1980**, 63, 2221-2229 6
- 2230 Photochemische Reaktionen 115. Mitteilung [1]. Zur Photochemie konjugierter  $\beta$ -Epoxyenone: Der Einfluss eines Hydroxylsubstituenten in  $\beta$ -Stellung. **1980**, 63, 2230-2257 9
- 2229 Total synthesis of 3-deoxy and 3,6-dideoxy-dl-hexoses. **1980**, 36, 2345-2352 13
- 2228 An approach to the tiglianes, daphnanes, and ingenanes via the divinylcyclopropane rearrangement. **1980**, 21, 2205-2208 26
- 2227 A novel solvolytic rearrangement of 2,2-dimethyl-5-(1-Bromomethylethylidene)-1,3-dioxane-4,6-dione. **1980**, 21, 4589-4592 1
- 2226 Total synthesis of ionophores the monensin BC-rings via permanganate promoted stereospecific oxidative cyclization. **1980**, 21, 3531-3534 35
- 2225 The preparation and characterization of the methoxy derivatives of polyunsaturated fatty acids: Stabilized product analogs of lipoxygenase catalysis. **1980**, 15, 1051-1054 2
- 2224 Isolimononic acid, a new citrus limonoid. **1980**, 19, 2417-2419 26
- 2223 Limonoids from the seed of the natal mahogany, *Trichilia dregeana*. **1980**, 19, 2421-2425 22
- 2222 Synthetic studies on nephritogenic glycosides. Synthesis of  $\alpha$ -Glc-(1 goes to 6)- $\beta$ -Glc-(1 goes to 6)- $\alpha$  Glc-(1 goes to Asn). *Carbohydrate Research*, **1980**, 86, C7-C10 2,9 11
- 2221 A Reinvestigation of the Dichlorination of Thymidine. **1980**, 10, 685-688 1
- 2220 Poly(5-methoxycytidylic acid). **1981**, 656, 129-33 2

2219	Preparation of deuterated arachidonic acid. <b>1981</b> , 22, 349-52	29
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2211	Synthesis of [8-3H]Pentostatin. <b>1981</b> , 18, 925-931	3
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2208	Photochemische Reaktionen. 117. Mitteilung [1] Zur Photochemie von 5,6-Epoxydienen und konjugierten 5,6-Epoxytrienen. <b>1981</b> , 64, 198-214	12
2207	Photochemische Reaktionen. 118. Mitteilung [1] Zur vinylogenen Spaltung von Enonen. UV.-Bestrahlung von 4-(3',7',7'-Trimethyl-2'-oxabicyclo [3.2.0]hept-3'-en-1'-yl)but-3-en-2-on. <b>1981</b> , 64, 215-223	7
2206	Photochemische Reaktionen 119. Mitteilung [1] Zur Photospaltung konjugierter $\alpha,\beta$ -Epoxyenone. UV.-Bestrahlung von 3-(1',2'-Epoxy-2'-methyl-prop-1'-yl)-5,5-dimethyl-2-cyclohexen-1-on. <b>1981</b> , 64, 224-234	5
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2202	Photochemische Reaktionen 122. Mitteilung [1]. Zur vinylogenen Spaltung von epoxy-enonen: Photoisomerisierung des 3,4:5,6-diepoxy-5,6-dihydro- $\alpha,\beta$ -jonons. <b>1981</b> , 64, 1766-1776	12

2201	Technische Verfahren zur Synthese von Carotinoiden und verwandten Verbindungen aus 6-Oxo-isophoron. IV. Neues Konzept für die Synthese von (3RS, 3'RS)-, (3S, 3'S)- und (3R, 3'R)-9,9'-dici-7,8,7',8'-Tetrahydroastaxanthin. <b>1981</b> , 64, 2463-2468	8
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2198	1,3-Diyl trapping reactions. Fundamental investigations with application to the synthesis of linearly fused tricyclopentanoids. <b>1981</b> , 37, 4371-4383	44
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2196	Synthesis of $\beta$ -deazaadenosine—a new cytotoxic C-nucleoside isostere of adenosine. <b>1981</b> , 22, 25-28	82
2195	Generation of spirodienones related to gilmicolin and mycorrhizin A. <b>1981</b> , 22, 2915-2918	6
2194	Phosphotriester approach to oligothymidylate synthesis utilizing a simple thymidine unit and a new type of condensing agents. <b>1981</b> , 22, 3209-3212	47
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2190	Synthesis of 4-substituted cis,cis-1,6-cyclodecadienes via cycloalkylation. <b>1981</b> , 22, 4193-4196	5
2189	Tied-back carbocyclic intermediates in the preparation of very sterically strained olefins: Derivatives of tetra- $\beta$ -butylethylene. <b>1981</b> , 22, 4563-4566	21
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2187	(2S,5S)-2,5-dibenzyl-1,4-dimethylpiperazine, a novel alkaloid from zanthoxylum arborescens. <b>1981</b> , 22, 5257-5258	3
2186	Selectivity in the acid catalysed reduction of carbonyl compounds to alcohols by bis(triphenylphosphine)copper(I) tetrahydroborate: Reduction of aldehydes in the presence of ketones. <b>1981</b> , 22, 675-678	32
2185	A facile preparation of differentiated 1,2-divinylcycloalkanols. <b>1981</b> , 22, 2243-2246	23
2184	A one-step synthesis of ethyl 4-( $\beta$ -indolyl)-2-ketobutyrate via polyanion chemistry and its conversion into angiotensin converting enzyme inhibitors. <b>1981</b> , 22, 2439-2442	13

2183	Synthesis of 1.6-diazabiphenylene by flash vacuum pyrolysis of 2,5,9,10-tetra-azaphenanthrene; NMR evidence for rehybridisation in biphenylenes. <b>1981</b> , 22, 4545-4548		9
2182	Photochemistry of 5.6-epoxy-1,3-dienes. <b>1981</b> , 37, 3339-3344		6
2181	The preparation and reactions of 1-lithio-alkylamino-1-lithio-oxy-allene derivatives. <b>1981</b> , 37, 3935-3942		12
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2179	A palladium-catalyzed carbon-carbon bond formation of conjugated dienones. <b>1981</b> , 37, 4035-4040		47
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2176	Derivatives of S- $\beta$ - and - $\beta$ -d-hexopyranosyl thiophosphates. <i>Carbohydrate Research</i> , <b>1981</b> , 96, 73-78	2.9	9
2175	Novel glycosylation reagents: synthesis of disaccharides containing 2-deoxy-2-iodo- $\beta$ -d-talopyranosyl groups. <i>Carbohydrate Research</i> , <b>1981</b> , 92, 157-159	2.9	6
2174	A synthesis of gymnomitrol. <b>1981</b> , 37, 4509-4513		20
2173	Cyclopropenylcarbinyl-allenyl rearrangement. <b>1981</b> , 22, 151-154		7
2172	Synthesis of phosphonate analogs of $\beta$ -d-glucopyranosyl and $\beta$ -d-galactopyranosyl phosphate. <i>Carbohydrate Research</i> , <b>1981</b> , 97, C1-C4	2.9	40
2171	Use of O-thallium(I) salts in the synthesis of phosphate, sulfite, and related ester derivatives of carbohydrates. <i>Carbohydrate Research</i> , <b>1981</b> , 94, 165-171	2.9	29
2170	Synthesis of phosphonate analogs of $\beta$ -D-glucopyranosyl and $\beta$ -D-galactopyranosyl phosphate. <i>Carbohydrate Research</i> , <b>1981</b> , 94, C10-C13	2.9	6
2169	A novel, reductive ring-opening of carbohydrate benzylidene acetals, with unusual regioselectivity. <i>Carbohydrate Research</i> , <b>1981</b> , 93, C10-C11	2.9	220
2168	Synthesis of two 3-O-(3,6-dideoxy- $\beta$ -d-xylo-hexopyranosyl)- $\beta$ -d-mannopyranosides suitable for covalent attachment to a protein carrier. <i>Carbohydrate Research</i> , <b>1981</b> , 96, 59-64	2.9	6
2167	The preparation of some bromodeoxy- and dibromodideoxy-pentonolactones. <i>Carbohydrate Research</i> , <b>1981</b> , 90, 17-26	2.9	30
2166	Rapid synthesis of radioiodinated $\beta$ -dofatty acids. <b>1981</b> , 65, 115-121		12

2165	Synthesis of the novel isoquinoline enamide alkaloid polycarpine. <b>1981</b> , 18, 691-693		8
2164	Formylation and metalation of selenopheno[2,3-c]thiophene. <b>1981</b> , 30, 1089-1093		3
2163	Terpene biosynthesis by nasute termite soldiers (Isoptera: Nasutitermitinae). <b>1981</b> , 11, 331-336		49
2162	Host-Pathogen Interactions : XVIII. ISOLATION AND BIOLOGICAL ACTIVITY OF GLYCINOL, A PTEROCARPAN PHYTOALEXIN SYNTHESIZED BY SOYBEANS. <b>1981</b> , 68, 358-63		47
2161	Interaction Between the Antibiotic Trichothecenes and the Higher Plant <i>Baccharis megapotamica</i> . <i>Science</i> , <b>1981</b> , 214, 460-2	33-3	50
2160	A Direct Approach to the cis-1-Octalone System. 2-Carbomethoxy-2-Cyclohexenone as a Dienophile. <b>1982</b> , 12, 715-722		4
2159	Oxidation of Cyclic Hemiacetals into Diketones: Final Steps in the Conversion of a Triterpenoid Ring a into a Steroidal Enone by a New Short Route. <b>1982</b> , 12, 1081-1088		5
2158	Synthesis of a Protected Phosphoamino Acid, N $\alpha$ -tert-Butyloxycarbonyl-O-Diethylphosphoro-L-Serine. <b>1982</b> , 12, 821-828		13
2157	Reaction of Organoboranes with iodine. <b>1982</b> , 12, 101-105		6
2156	A Convenient Synthesis of Some Highly Hindered 4,4-Diaryl-2-Butenolides. <b>1982</b> , 12, 439-445		5
2155	SEP-PAK Preparative Chromatography: Use in Radiopharmaceutical Synthesis. <b>1982</b> , 5, 2005-2016		6
2154	SYNTHESIS OF PSEUDOPEPTIDES. <b>1982</b> , 14, 381-392		1
2153	Asian bull elephants: Flehmen-like responses to extractable components in female elephant estrous urine. <i>Science</i> , <b>1982</b> , 217, 159-62	33-3	71
2152	[47] Preparation of deuterated arachidonic acid. <b>1982</b> , 86, 366-369		10
2151	[63] Use of high-performance liquid chromatography to separate and identify retinals. <b>1982</b> , 88, 491-496		3
2150	[64] Synthetic analogs of retinal, bacteriorhodopsin, and bovine rhodopsin. <b>1982</b> , 88, 496-506		19
2149	Novel fermentation products from <i>Streptomyces fradiae</i> : X-ray crystal structure of 5-O-mycarosyltylactone and proof of the absolute configuration of tylosin. <b>1982</b> , 35, 420-5		13
2148	1,2,4,5-TETRAMERCAPTOBENZENE. A Facile Route to the Benzo[1,2-d:4,5-d']bis[1,3]dithiole Ring System. <b>1982</b> , 13, 309-313		11

2147	The Reaction of Aromatic Sulfonyl Azides with Trialkylboranes. An Unusual Synthesis of Aryl, Alkyl Sulfides. <b>1982</b> , 12, 43-47	8
2146	Marine sterols. XIII. Isolation and synthesis of 1 beta,3 beta,5,6 beta-tetrahydroxy-5 alpha-androstan-17-one from the soft coral <i>Sarcophyton glaucum</i> . <b>1982</b> , 40, 673-7	8
2145	Steroids and related products. I. The synthesis of 17-methoxymethylprogesterone. <b>1982</b> , 39, 107-14	0
2144	Modulation of acetylcholinesterase activity by glycoside-detergents and their solubilization efficiency for neuronal membranes from bovine nucleus caudatus. <b>1982</b> , 106, 848-55	11
2143	4-Azidophlorizin, a high affinity probe and photoaffinity label for the glucose transporter in brush border membranes. <b>1982</b> , 688, 547-56	23
2142	An Improved Synthesis of 1, 4-Dithiaspiro [4.5] Decan-8-One (Cyclohexane-1, 4-Dione Monothioacetal). <b>1982</b> , 12, 323-326	3
2141	3-[(7Z-Hexadecenyl)-4-methylfuran-2,5-dione from <i>Piptoporus australiensis</i> . <b>1982</b> , 21, 1786-1788	8
2140	Phase transfer catalysis in N-alkylations of the pharmaceutical intermediates 5H-dibenz[b,f]azepine and 5H-10,11-dihydrodibenz[b,f]azepine. <b>1982</b> , 19, 1569-1571	8
2139	A new route to steroid ring C aromatization from readily available precursors. <b>1982</b> , 17, 226-229	1
2138	Evidence for stereoselective lipolysis in a termite. Toxicity of enantiomeric fluorinated alkyl diacylglycerols to <i>Reticulitermes flavipes</i> . <b>1982</b> , 12, 343-348	7
2137	Novel one-pot preparation of tetrahydrobenzodipyrans-4-ones. Application to the synthesis of precocene analogues with condensed dihydropyran rings. <b>1982</b> , 38, 2955-2959	9
2136	Cyclopentanoids from phenol. <b>1982</b> , 38, 3527-3533	7
2135	Synthesis of di- and tri-saccharides corresponding to receptor structures recognised by pyelonephritogenic <i>E. coli</i> fimbriae (pili). <i>Carbohydrate Research</i> , <b>1982</b> , 110, 261-6	2.9 35
2134	Prianicin A and B, nor-sesterterpenoid peroxide antibiotics from red sea sponges. <b>1982</b> , 38, 337-338	18
2133	An extracellular poly(3-hydroxybutyrate) depolymerase from <i>Alcaligenes faecalis</i> . <b>1982</b> , 124, 71-7	261
2132	Zum stereochemischen Verlauf der Biosynthese von 2-Oxo-pantolacton: Synthese von stereospezifisch indiziertem Pantolacton aus pfeilsäure. <b>1982</b> , 65, 344-352	48
2131	Über die Enantiomerentrennung durch Verteilung zwischen flüssigen Phasen. <b>1982</b> , 65, 377-384	47
2130	Desoxy-nitrozucker. 2. Mitteilung Herstellung geschützter 1-Desoxy-1-nitroaldosen. <b>1982</b> , 65, 621-634	30

2129	Synthesis of optically pure compounds by enantiotopically differentiating monoacetalization of prochiral diketones. <b>1982</b> , 65, 635-653	15
2128	Technische Verfahren zur Synthese von Carotinoiden und verwandten Verbindungen aus 6-Oxo-isophoron. V. Synthese von Astacin. <b>1982</b> , 65, 671-683	4
2127	Sterisch gehinderte Pyrrolidine. Umsetzung von 2,5,5-Trimethyl-1-pyrrolin-1-oxid mit $\beta$ -Chloracrylnitril. <b>1982</b> , 65, 726-729	15
2126	Synthese von Glycerylphosphatiden 1. Mitteilung Herstellung von 1-O-Octadecyl-2-O-acetyl-sn-glycerol-3-phosphorylcholin 1 (Platelet Activating Factor) des Enantiomeren sowie einiger analoger Verbindungen. <b>1982</b> , 65, 1059-1084	88
2125	Ergebnisse der Verfahrensforschung, I. Synthese von o-[(+)-D-2-[4-(4-(Trifluormethyl)phenoxy)phenoxy]propionyl]-aceton-oxim. <b>1982</b> , 65, 1233-1241	8
2124	Substituted 2-Phenyl- and 2-Cyclohexyl-trans-decalins, New Classes of Nematic Liquid Crystals. <b>1982</b> , 65, 1242-1257	15
2123	Asymmetrische Micheal-Additionen. Praktisch vollständige diastereo- und enantioselektive Alkylierungen des Enamins aus Cyclohexanon und Prolinylmethyläther durch $\beta$ -Nitrostyrole zu $\alpha$ -2-( $\beta$ -Aryl-2'-nitroethyl)cyclohexanon. <b>1982</b> , 65, 1637-1654	118
2122	Serine-Protease-Assisted Synthesis of Peptide Substrates for $\beta$ -Chymotrypsin. <b>1982</b> , 65, 1707-1719	10
2121	1,3-Dipolare Cycloadditionen von 2-(Benzonitrilio)-2-propanid mit 4,4-Dimethyl-2-phenyl-2-thiazolin-5-thion und Schwefelkohlenstoff. <b>1982</b> , 65, 1825-1836	37
2120	Asymmetric Synthesis of $\beta$ -Aminophosphonic Acids by Cycloaddition of N-Glycosyl-C-dialkoxyphosphonylnitrones. <b>1982</b> , 65, 1953-1964	66
2119	Desoxy-nitrozucker. 3. Mitteilung. Synthese von Ketosen durch Kettenverlängerung von 1-Desoxy-1-nitro-aldosen. Nucleophile Additionen und Solvolyse von Nitroäthern. <b>1982</b> , 65, 2251-2272	71
2118	A Note on Intramolecular Photochemical Cycloaddition of N-substituted Dimethacrylimides. <b>1982</b> , 65, 2405-2412	11
2117	Incorporation of 2(S)-methylbutanoic acid-1- $^{14}$ C into the structure of mevinolin. <b>1982</b> , 19, 337-344	10
2116	Effects of substituents on the acid-catalyzed thermolysis of sucrose in dimethyl sulfoxide. <i>Carbohydrate Research</i> , <b>1982</b> , 111, 23-29	2.9 3
2115	Chirale Lactole, II. Racematspaltung und enantioselektive Acetalisierung mit der 2,3,3a,4,5,6,7,7a-Octahydro-7,8,8-trimethyl-4,7-methanobenzofuran-2-yl-Schutzgruppe. <b>1982</b> , 115, 1591-1606	46
2114	Regioselektive Öffnung von $\beta$ - und $\alpha$ -Alkoxyepoxiden mit Trimethylaluminium. <b>1982</b> , 21, 161-168	14
2113	Liquid chromatography/mass spectrometry using glass lined stainless steel microbore columns. <b>1982</b> , 9, 499-504	19
2112	$^{13}$ C-N.M.R.-spectral and related studies on the distribution of substituents in O-(2-hydroxypropyl)cellulose. <i>Carbohydrate Research</i> , <b>1982</b> , 106, 1-19	2.9 54

2111	Synthesis of 2-acetamido-6-O-(5-acetamido-3,5-dideoxy- $\beta$ -D-glycero-D-galacto-2-nonulopyranosylonic acid)-2-deoxy-D-glucose [2-acetamido-6-O-(N-acetyl- $\beta$ -D-neuraminyloxy)-2-deoxy-D-glucose]. <i>Carbohydrate Research</i> , <b>1982</b> , 105, 19-31	2.9	26
2110	Preparation of the 3,4-di-O-benzyl and 3,4-di-O-(4-phenylbenzyl) derivatives of benzyl 2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside. <i>Carbohydrate Research</i> , <b>1982</b> , 105, 168-171	2.9	4
2109	Mixed-acetal glycosides. The preparation and configurational assignment of (R)- and (S)-2-bromo-1-methoxyethyl $\beta$ -D-glucopyranoside and derivatives thereof. <i>Carbohydrate Research</i> , <b>1982</b> , 108, 103-110	2.9	10
2108	d-fructose derivatives modified at C-4 by direct displacement and by oxirane opening. <i>Carbohydrate Research</i> , <b>1982</b> , 103, 1-6	2.9	6
2107	A reinvestigation of the reactions of enolate anions with cyclotriphosphazenes. <b>1982</b> , 64, L109-L111		15
2106	Separation of the enantiomers of (-)-norephedrine by rotation locular counter-current chromatography. <b>1982</b> , 250, 149-151		36
2105	Transannular cyclizations of zerumbone epoxide. <b>1982</b> , 38, 3129-3135		18
2104	Exciplex and radical ion intermediates in the photochemical reaction of 9-cyanophenanthrene with 2,3-dimethyl-2-butene. <b>1982</b> , 38, 1069-1077		32
2103	Allenes and acetylenes. <b>1982</b> , 38, 363-368		15
2102	Studies on structurally simple $\beta$ , $\gamma$ -butenolides. <b>1982</b> , 38, 2377-2394		49
2101	Visual pigment analogs from isomers of 5,6,7,8-tetrahydroretinal. The importance of the trimethylcyclohexyl ring. <b>1982</b> , 11, 404-411		1
2100	Antifungal phenanthrenes in yam tubers. <b>1982</b> , 21, 1389-1392		51
2099	Regio- and stereospecific synthesis of allylic tertiary amines. <b>1982</b> , 23, 4505-4508		26
2098	Enantiospecific syntheses of intermediates in the total synthesis of pseudomonic acids. <b>1982</b> , 23, 4509-4512		23
2097	Heterocyclisation de diols $\beta$ -alleniques.. <b>1982</b> , 23, 4693-4696		22
2096	The formation and subsequent cyclisation of novel hydroperoxides from a 1,4-diene and a 1,5-diene. <b>1982</b> , 23, 4735-4738		14
2095	Revision of the assignment of relative stereochemistry in sibirosamine: synthesis of methyl n-tosyl $\beta$ -D-disirosaminopyranoside. <b>1982</b> , 23, 1763-1766		15
2094	Homolytic aromatic acetylation. A new substitution reaction of arenediazonium salts. <b>1982</b> , 23, 1831-1834		6



- 2093 Asymmetric palladium-assisted alkylation of olefins. **1982**, 23, 939-942 6
- 2092 Total synthesis of 11(R,S)-HETE (). **1982**, 23, 1331-1334 13
- 2091 Homoenate dianions of secondary amides via tin/lithium exchange. **1982**, 23, 1463-1466 25
- 2090 Nuclear analogs of  $\beta$ -lactam antibiotics II. The synthesis of 6 $\beta$ -(1-hydroxyethyl)-cyclonocardicins. **1982**, 23, 1519-1522 7
- 2089 Facile synthesis of chiral glycine using  $\alpha$ -glucose as a chiral template. **1982**, 23, 1697-1700 22
- 2088 An isomerization $\beta$ laisen rearrangement route to olefinic dicarbonyl starting materials for conjugate cyclization. **1982**, 23, 2073-2076 17
- 2087 Synthesis of  $\beta$ -alkylated deoxyguanosine nucleosides. **1982**, 23, 2253-2256 51
- 2086 A method for the systematic resolution of unbranched  $\beta$ -acetoxyalkyl- and  $\alpha$ -alkylaldehydes: synthesis of and  $\beta$ -hete. **1982**, 23, 2285-2288 13
- 2085 A biomimetic synthesis of  $\beta$ -tetrahydrocannabinol. **1982**, 23, 2935-2938 25
- 2084 On the lewis acid catalyzed cyclocondensation of imines with a siloxydiene. **1982**, 23, 3739-3742 109
- 2083 Ozonolytic cleavage of cycloalkenes to terminally differentiated products. **1982**, 23, 3867-3870 171
- 2082 Synthesis and reactions of substituted nitro-allylating reagents. **1982**, 23, 3897-3900 50
- 2081 The reaction of chromyl chloride and O-silylated enolates: a novel regioselective route to  $\beta$ -hydroxy ketones.. **1982**, 23, 2917-2920 27
- 2080 Preparation of substituted N-carboxymethyl dipeptides. **1982**, 23, 3995-3998 2
- 2079 Synthesis with  $\alpha$ -Cyanoenamines. 2-Diethylamino 4-Lithio-4-phenylthio-2-butenonitrile as a  $\beta$ -Carboxyl vinyl anion equivalent.. **1982**, 23, 4251-4254 31
- 2078 Model studies on the synthesis of pseudomonic acids. **1982**, 23, 109-112 29
- 2077 Fluorocarbon derivatives of nitrogen. Part VII [1]. Reaction of N-iminopyridinium ylide with perfluoro-1-azacyclohexene, perfluoro-2-azapropene, and perfluoroacetonitrile. **1982**, 20, 373-384 12
- 2076 Reactions of pyridinium t-butoxycarbonylmethylide with perfluoropropene and some fluoroaromatics. **1982**, 20, 127-131 13

2075	Bis(organo)mercury compounds by methoxymercuration of enolic sugar derivatives. <i>Carbohydrate Research</i> , <b>1982</b> , 99, 82-86	2.9	4
2074	Stereoselective epoxidation of divinylmethanol: A synthetic approach to the pentitols. <i>Carbohydrate Research</i> , <b>1982</b> , 100, 207-220	2.9	9
2073	Synthesis of a branched d-glucotetraose, the repeating unit of the extracellular polysaccharides of <i>Grifola umbellata</i> , <i>Sclerotinia libertiana</i> , <i>Porodisculus pendulus</i> , and <i>Schizophyllum commune</i> fries. <i>Carbohydrate Research</i> , <b>1982</b> , 103, 53-64	2.9	41
2072	Synthesis of 2-acetamido-2-deoxyhexuronic acids with the d-gluco, d-manno, and d-galacto configurations. <i>Carbohydrate Research</i> , <b>1982</b> , 103, 176-180	2.9	16
2071	Structural studies of glycopeptide antibiotic A35512B. <b>1983</b> , 39, 1661-1666		2
2070	Methodology for the facile and regio-controlled synthesis of indoles. <b>1983</b> , 39, 3767-3776		53
2069	The preparation of 2-(3-pyridyl)maleimide. <b>1983</b> , 39, 3055-3057		1
2068	Échange de substituants en série anthracénique par cyclo-additions suivies d'éliminations spontanées. <b>1983</b> , 39, 623-627		3
2067	N,O-heterocyclics-12. <b>1983</b> , 39, 683-687		13
2066	PHOTOCHEMICAL STUDIES OF ARTIFICIAL BACTERIORHODOPSINS. <b>1983</b> , 38, 197-203		11
2065	An efficient synthesis of trans-hexahydrochroman-7-one. <b>1983</b> , 20, 493-494		2
2064	Isomérisation, déshydratation et réduction du méthyl-4 dioxo-1,6 spiro[4,5]décanol-4. Obtention de précurseurs ou d'isomères de phéromones de guêpe. <b>1983</b> , 20, 963-966		5
2063	The chemistry of polycyclic arene imines. II. Photochemistry of phenanthrene 9,10-imine and of its N-butyl derivative. <b>1983</b> , 20, 1019-1022		9
2062	Synthesis of 6-methoxy-2,2-dimethyl-2H-1-benzothiopyran and 6,7-dimethoxy-2,2-dimethyl-2H-1-benzothiopyran, sulfur analogues of precocene I and precocene II. <b>1983</b> , 20, 1115-1117		8
2061	N,O-heterocyclics. 13. Isoxazolidinium salts as synthons to N,N, O-trisubstituted hydroxylamines. <b>1983</b> , 20, 1207-1215		5
2060	Eight-membered heterocycles. 12H-dibenzo[d,g][1,3,2]dioxaphosphocin and 12H-dibenzo[d,g][1,3,2]dioxaborocin derivatives. <b>1983</b> , 20, 1311-1313		20
2059	The reaction of 4-alkyl-3-thiosemicarbazides with α-haloketones. <b>1983</b> , 20, 1359-1361		7
2058	The synthesis of 1,4-ethano-1,2,3,4-tetrahydroisoquinolines as rigid analogues of adrenergic agents. <b>1983</b> , 20, 1581-1584		4

- 2057 Synthesis of (4aR,9aS,9bR)- and (4aR,9aS,9bS)-4a,6,6,9a-tetramethyl-trans-perhydroindano[2,1-c]pyrans. **1983**, 19, 247-252
- 2056 Synthesis of stereoisomeric 7,7,10a-trimethyl-trans-perhydronaphtho[2,1-c]pyrans and 6,6,9a-trimethyl-trans-perhydronaphtho[2,1-b]furans. **1983**, 19, 253-258 1
- 2055 High-pressure liquid chromatography of dimethylphenylsilyl derivatives of some monosaccharides. *Carbohydrate Research*, **1983**, 119, 241-247 2.9 4
- 2054 Syntheses of p-trifluoroacetamidophenyl 4-O-β-d-glucopyranosyl-β-d-galactopyranoside and p-trifluoroacetamidophenyl 6-O-β-d-glucopyranosyl-β-d-galactopyranoside. *Carbohydrate Research*, **1983**, 114, 322-327 2.9 1
- 2053 Synthesis of a teichoic acid fragment of *Bacillus subtilis* using a modified phosphotriester approach. **1983**, 102, 526-537 13
- 2052 The oxymercuration-demercuration of caryophyllenes. **1983**, 19, 154-162 2
- 2051 Reaction of pyridinium t-butoxycarbonylmethylide with trifluoroacetonitrile. **1983**, 22, 589-592 10
- 2050 Metal assisted cycloadditions. *Journal of Organometallic Chemistry*, **1983**, 243, 451-460 2.3 12
- 2049 Addition reactions of some simple thioaldehydes. **1983**, 39, 1487-1498 74
- 2048 Regiospecific functionalisation of carbon atoms β to heterocyclic nitrogen. **1983**, 39, 1627-1633 14
- 2047 Entries into prostanoid models via the hydroboration of enol silyl ethers. **1983**, 39, 855-860 8
- 2046 Auxiliary silicon in regioselective cobalt catalyzed protoberberine syntheses. **1983**, 39, 905-911 50
- 2045 Intramolecular hydride transfer and cyclization of 5-oxo-Na-tosyl-14,21-dehydrosecodine. **1983**, 39, 3731-3735 10
- 2044 Cyclization and rearrangements of diterpenoids□ **1983**, 39, 3947-3958 17
- 2043 Conformational analysis of 2,3-dialkoxy-1,4-dioxanes. **1983**, 39, 3959-3963 11
- 2042 Synthèse totale du (-)-valerenal et de l'epi-6 β(-)-valerenal. **1983**, 39, 3293-3305 18
- 2041 The synthesis and nmr characterization of a series of 1,4-dihydro-1,4-ethanonaphthalene epoxides. **1983**, 39, 1379-1385 6
- 2040 Alkylation of the isoquinoline skeleton in the 1-position. **1983**, 39, 1963-1974 69

2039	Sulfoxides of penicillanates with non classical substituents in the 6-position. <b>1983</b> , 39, 2485-2491	19
2038	The Wittig-Horner route to tri-substituted alkanes : synthesis of $\beta$ -bisabolene. <b>1983</b> , 24, 111-114	23
2037	A regioselective synthesis of $\alpha$ -keto esters: the alkylation of <i>o</i> -silylated enolates with methyl $\beta$ -chloro- $\beta$ -phenylthioacetate. <b>1983</b> , 24, 323-326	26
2036	Conversion of primary amides into active acylating agents via acylpyrroles.. <b>1983</b> , 24, 1569-1572	42
2035	The queen recognition pheromone of <i>Spodoptera frugiperda</i> , preparation of (-)-6-(1-pentenyl)-2H-pyran-2-one.. <b>1983</b> , 24, 1889-1892	65
2034	A new synthesis of the protoberberine system. <b>1983</b> , 24, 2063-2066	13
2033	Synthesis of a novel hexahydrofuro[3,4-b]furan derivative. <b>1983</b> , 24, 2335-2338	5
2032	Criegee rearrangement of $\beta$ -alkoxy hydroperoxides a synthesis of esters and lactones that complements the Baeyer-Villiger oxidation of ketones. <b>1983</b> , 24, 2363-2366	88
2031	The synthesis of 3- and 4-deuterated shikimic acid. <b>1983</b> , 24, 4409-4412	1
2030	Development of chiral $\beta$ -dicarbonyl equivalents. Enantiodivergent alkylation of aspartic acid.. <b>1983</b> , 24, 2733-2736	27
2029	Nucleophilic ring opening of diethyl 1,1-cyclopropanedicarboxylate using $\text{Na}_2\text{Fe}(\text{CO})_4$ -dioxane. <b>1983</b> , 24, 2803-2806	7
2028	Preparation and Diels-Alder reaction of N-carbomethoxy-5-ethyl-1,2-dihydropyridine: An approach for the synthesis of catharanthine. <b>1983</b> , 24, 2927-2930	23
2027	Synthesis of 2'- <i>o</i> -nitro-9- $\beta$ -D-arabinofuranosyladenine and 2'- <i>o</i> -nitro-9- $\beta$ -D-arabinofuranosylhypoxanthine. <b>1983</b> , 24, 3183-3186	2
2026	Stereochemistry of compounds related to torus. enantiomerism. <b>1983</b> , 24, 3187-3190	1
2025	The addition of singlet oxygen to alkoxy and trimethylsilyloxybutadienes. The synthesis of novel new peroxides.. <b>1983</b> , 24, 4291-4294	14
2024	Synthesis with sulfones (noXXX) : Stereoselective synthesis of arenesulfonyl-1,3-dienes.. <b>1983</b> , 24, 4315-4318	19
2023	(noXXXI) : , of (9Z,11E)-9,11-tetradecadienyl acetate.. <b>1983</b> , 24, 4319-4322	18
2022	Reaction of singlet oxygen with $\beta$ -alkoxyenones. <b>1983</b> , 24, 5189-5192	11

2021	Isolation, structure and synthesis of maesanin, a host defense stimulant from an African medicinal plant <i>Maesa lanceolata</i> . <b>1983</b> , 24, 3825-3828	33
2020	-olefins from the Horner-Wittig reaction; origin and optimisation of stereochemistry. <b>1983</b> , 24, 3931-3934	22
2019	Nicht-Berry Pseudorotation beim Carbonylgruppenaustausch von Tetracarbonyl(η <sup>2</sup> (Z)-cycloalken)eisen-Komplexen. <b>1983</b> , 66, 1-18	8
2018	Über die Reaktion 1,2-disubstituierter Norbornane mit Dinatriumtetracarbonylferrat(-II). Vorläufige Mitteilung. <b>1983</b> , 66, 168-176	5
2017	Approaches to the Synthesis of Cytochalasins. Part 4. Improved Synthesis of the Tetrahydroisoindoline Subunits Related to the Cytochalasins and Aspochalasin. <b>1983</b> , 66, 450-465	18
2016	Nucleosides and Nucleotides. Part 21. Synthesis of a Tridecanucleoside Dodecaphosphate Incorporating the Unnatural Base 2 (1 H)-Pyridone. <b>1983</b> , 66, 639-651	6
2015	Deoxy-nitrosugars. 4th communication. Convenient synthesis of 1-deoxy-1-nitroaldoses. <b>1983</b> , 66, 789-794	27
2014	Synthese von Glycerolphosphatiden 2. Mitteilung Herstellung von 2-O-Acetyl-1-O-[(Z)-9-octadecenyl]-sn-glyceryl-3-phosphorylcholin («Oleyl-PAF»), des Enantiomeren sowie einiger analoger, ungesättigter Verbindungen. <b>1983</b> , 66, 1210-1240	34
2013	Asymmetric Palladium-Assisted Alkylation of Alkenes. <b>1983</b> , 66, 1760-1773	6
2012	Deoxy-nitrosugars. 6th communication. Stereoelectronic control in the reductive denitration of tertiary nitro ethers. A synthesis of α-glycosides. <b>1983</b> , 66, 2210-2222	113
2011	Silicon-Directed Nazarov Reactions II. Preparation and Cyclization of η <sup>2</sup> -Silyl-substituted Divinyl Ketones. <b>1983</b> , 66, 2377-2396	93
2010	Construction of Large Carbocyclic Rings by Ireland-Claisen Rearrangement of O-Silylated Lactone Enolates: Synthesis of (-)-muscone. <b>1983</b> , 66, 2608-2614	21
2009	Hydroboration and Oxymercuration of Some 1-Substituted Norborn-2-enes. <b>1983</b> , 66, 2729-2739	4
2008	Structure and Chemistry of Malonylmethyl- and Succinyl-Radicals. The search for homolytic 1,2-rearrangements. <b>1983</b> , 66, 2740-2759	30
2007	Isolation and concentration techniques for capillary column gas chromatographic analysis. <b>1983</b> , 6, 526-549	44
2006	Preparation of 3,4-Dihydroxy-1-benzeneethanol: A Reinvestigation. <b>1983</b> , 1983, 684-686	44
2005	Synthese von (2E,4E,6S,7R,10E,12E,14S,15R)-6,7,14,15-Tetramethyl-8,16-dioxa-2,4,10,12-cyclohexadecatetraen-1,9-dion. Ein Modellsystem für Elaiophylin. <b>1983</b> , 1983, 939-949	33
2004	1H-1,2-Diazepine als Edukte zur Synthese von 5-Aza-1,3-nonamdiolen, eine neue Klasse von bicyclischen η <sup>2</sup> -Lactamen. <b>1983</b> , 1983, 1361-1373	11

2003	Zur Synthese von 8-Amino-5-aza-1,3-nonamdienderivaten. <b>1983</b> , 1983, 1374-1392		7
2002	Methylketen: Herstellung durch Pyrolyse von Butanon und Reaktion mit Iminen unter Bildung von methylierten Azetidinonen. <b>1983</b> , 1983, 1393-1408		7
2001	Spaltungsreaktionen von N-Acyldienaminen zu konjugierten Eniminen. <b>1983</b> , 1983, 2141-2150		2
2000	Triethyl [1- <sup>14</sup> C]phosphonoacetate from [ <sup>14</sup> C]carbon dioxide. <b>1983</b> , 20, 1213-1218		1
1999	Synthesis of iodine-125 labelled analogues of metyrapone and metyrapol. <b>1983</b> , 20, 1373-1381		1
1998	Microbial metabolism studies on the major microbial and mammalian metabolite of primaquine. <b>1983</b> , 72, 92-4		17
1997	Monoozonolyse von 2,3-Dimethylbutadien in Pentan und in Methanol. <b>1983</b> , 116, 409-415		9
1996	Eine neue Synthese und Reaktionsverhalten von (Aminoethinyl)sulfiden. <b>1983</b> , 116, 509-513		14
1995	Asymmetrische Michael-Additionen. Stereoselektive Alkylierungen des (R)- und (S)-Enamins aus Cyclohexanon und 2-(Methoxymethyl)pyrrolidin durch $\beta$ -(Methoxycarbonyl)zimtsäure-methylester. <b>1983</b> , 116, 2250-2260		76
1994	Das 7,9-Dimethylbicyclo[4.3.1]deca-2,4,8-trien-7-yl-Kation: Ein überbrücktes Dihomotropyliumion. <b>1983</b> , 116, 2914-2919		0
1993	Asymmetrische Michael-Additionen. Regio-, diastereo- und enantioselektive Alkylierungen der Enamine aus $\beta$ -Tetralonen und (S)-2-(Methoxymethyl)pyrrolidin ( $\beta$ -Prolinolmethylether) durch $\beta$ -Nitrostyrole. <b>1983</b> , 116, 3086-3096		50
1992	Derivatives of sucrose 3',4'-epoxide. <i>Carbohydrate Research</i> , <b>1983</b> , 121, 109-117	2.9	23
1991	Crystal and molecular structures of benzyl 3-O-benzoyl-4-O-benzyl-2-O-(2,3,6-trideoxy- $\beta$ -l-glycero-hex-2-enopyranosyl-4-ulose)- $\beta$ -l-rhamnopyranoside. <i>Carbohydrate Research</i> , <b>1983</b> , 117, 13-22	2.9	9
1990	New C-nucleoside analogs by dehydration of 1-benzyl-4,5,6,7-tetrahydro-6,6-dimethyl-2-(d-galacto-pentitol-1-yl)-indol-4-one. <i>Carbohydrate Research</i> , <b>1983</b> , 116, 255-262	2.9	17
1989	Diastereotopic substrates of $\beta$ -d-galactosidase from Escherichia coli as probes for a catalytically active, protonating group. <i>Carbohydrate Research</i> , <b>1983</b> , 113, 71-92	2.9	34
1988	Synthesis of p-trifluoroacetamidophenyl 4-O- $\beta$ -d-glucopyranosyl- $\beta$ -l-rhamnopyranoside. <i>Carbohydrate Research</i> , <b>1983</b> , 122, 165-167	2.9	3
1987	Characterization of catecholamine-polypeptide conjugates. <b>1983</b> , 19, 997-1004		4
1986	Analysis of phenyldimethylsilyl derivatives of monosaccharides and their role in high-performance liquid chromatography of carbohydrates. <b>1983</b> , 264, 99-109		22

1985	Syntheses of the p-trifluoroacetamidophenyl glycosides of 2-acetamido-2-deoxy-4-O- $\beta$ -d-glucopyranosyl- $\beta$ -d-glucopyranose and 2-acetamido-2-deoxy-6-O- $\beta$ -d-glucopyranosyl- $\beta$ -d-glucopyranose. <i>Carbohydrate Research</i> , <b>1983</b> , 116, 39-47	2.9	12
1984	LC/MS and MS/MS studies of natural oxygen heterocyclic compounds. <b>1983</b> , 48, 153-156		1
1983	Influence of carbohydrate moities on monolayer properties of dialkylglyceryletherglycosides, simple model compounds of the glycolipids of halophilic bacteria. <b>1983</b> , 93, 109-114		7
1982	Host-guest complexation. 25. Effects of substituents on the complexing properties of chorands. <i>Journal of Organic Chemistry</i> , <b>1983</b> , 48, 4728-4734	4.2	12
1981	Antifungal peroxide-containing acids from two Caribbean sponges. <b>1983</b> , 105, 7735-7736		66
1980	Transfer of [3H]pyrrolizidine alkaloids from <i>Senecio vulgaris</i> L. and metabolites into rat milk and tissues. <b>1983</b> , 17, 283-8		29
1979	The Facile Oxidation of Thiols to Disulfides with Bis(2,2'-Bipyridyl) Copper-(II) Permanganate. <b>1983</b> , 13, 611-615		43
1978	Convenient Synthesis of Lithium Methyl Selenide An Efficient Reagent for the SN2 Cleavage of Esters. <b>1983</b> , 13, 617-620		12
1977	Novel Synthesis of $\beta$ -Hydroxy- $\gamma$ -Lactones. <b>1983</b> , 13, 569-574		7
1976	Side chain modified sterols as probes into insect molting hormone metabolism. II: synthesis of monofluorocholesterols. <b>1983</b> , 41, 79-94		10
1975	The Aromatization of 3-Carboxytetrahydroisoquinolines. <b>1983</b> , 13, 581-588		0
1974	Size fractionation of thin-layer chromatography silica gel by sedimentation for liquid chromatography. <i>Analytical Chemistry</i> , <b>1983</b> , 55, 396-397	7.8	4
1973	A Procedure for Alcohol Inversion Using Cesium Acetate. <b>1983</b> , 13, 553-557		35
1972	A new class of lipoxygenase inhibitor. Polyunsaturated fatty acids containing sulfur. <b>1983</b> , 114, 937-43		13
1971	Opsin pigments formed with acyclic retinal analogues. <b>1983</b> , 158, 139-142		13
1970	An Improved, Preparative Route to 1-Cyclopropyl-1-Haloethanes. <b>1983</b> , 13, 593-599		4
1969	A Synthetic Approach to Faurinone (9(R)-acetyl-8(S)-methyl-5(R)-isopropyl hydrindane). Synthesis of 9(S)-acetyl-8(R)-methyl-5(R)-isopropyl hydrindane.. <b>1983</b> , 13, 559-567		3
1968	A survey of separative techniques. <i>Science</i> , <b>1983</b> , 222, 259-66	33.3	10

1967	Preparation and DNA-binding properties of substituted triostin antibiotics. <b>1983</b> , 23, 221-31	20
1966	Selective N-Monomethylation of Primary Amines via N-Trialkylsilyl-Lithioamines. <b>1983</b> , 13, 601-609	13
1965	Regiochemical Aspects in Reactions of 6-Azauridine Dialdehyde. <b>1983</b> , 2, 99-112	5
1964	Reduction of Aromatic Hydrocarbons by a New Reducing System: Calcium Metal in Amines. <b>1983</b> , 13, 1103-1116	6
1963	Mechanisms of Formation of Cyclic Urea Nucleosides. 2. Direct N-Glycosylation Versus O- to N-Transglycosylation. <b>1983</b> , 2, 81-90	4
1962	Phosphorus Chemistry. III Preparation of Vinyl Deuterated Trisubstituted Alkenes. <b>1983</b> , 13, 589-592	2
1961	A Stereospecific Route to 6-Substituted 7-Azabicyclo [3.2.1] oct-2-enes.. <b>1983</b> , 13, 575-579	9
1960	Reductive Cleavage of 2-Acyl Tetrahydrofuranes. Synthesis of (Z)-6-Heneicosen-11-one, Pheromone of the Douglas Fir Tussock Moth. <b>1983</b> , 13, 621-628	4
1959	Asymmetric Reduction of Chiral Pyruvamide with Sodium Borohydride. <b>1983</b> , 56, 298-301	7
1958	ASYMMETRIC HYDROGENATIONS OF N-PYRUVOYL-(S)-AMINO ACID ESTERS BY USING SODIUM BOROHYDRIDE. A SOLVENT EFFECT. <b>1983</b> , 12, 1225-1228	2
1957	Asymmetric Hydrogenations of N-Pyruvyl-(S)-amino Acid Esters. <b>1983</b> , 56, 2774-2777	11
1956	Rhodamine-based compounds as fluorogenic substrates for serine proteinases. <b>1983</b> , 209, 299-307	138
1955	The use of radiolabelled triostin antibiotics to measure low levels of binding to deoxyribonucleic acid. <b>1983</b> , 211, 543-51	4
1954	PLUMBAGIN AS A MODEL FOR INSECT ECDYSIS INHIBITORY ACTIVITY. <b>1983</b> , 169-175	2
1953	PREPARATIVE-SCALE CHROMATOGRAPHY. <b>1984</b> , 399-428	34
1952	Identification of aflatoxin B1 in grain elevator dusts in central Illinois. <b>1984</b> , 13, 589-93	10
1951	Stereochemical course of the autooxidative cyclization of lipid hydroperoxides to prostaglandin-like bicyclic endoperoxides. <b>1984</b> , 106, 3577-3584	110
1950	Photocontraction of liquid spiropyran-merocyanine films. <i>Science</i> , <b>1984</b> , 226, 341-3	33-3 33



1949	Instrumental HPTLC of Aflatoxins: Fluorescence Enhancement by Corn Free Fatty Acids. <b>1984</b> , 7, 1383-1391	10
1948	A Rapid Method for the Prefractionation of Essential Oils. Application to the Essential oil of Black Spruce [ <i>Picea Mariana</i> (Mill.) BSP.]. <b>1984</b> , 7, 2671-2677	5
1947	THE BIOLOGY AND PHEROMONE-BASED MONITORING OF THE DRIEDFRUIT MOTH, <i>VITULA EDMANDSAE SERRATILINEELLA</i> (LEPIDOPTERA: PYRALIDAE). <b>1984</b> , 116, 1007-1013	3
1946	The Reaction of Seven- and Eight- Membered Cyclic Phosphorochloridites with Polyols. <b>1984</b> , 19, 285-293	34
1945	3-Acetoxy-2-Chloroprop-1-Ene: A Useful Enolonium Ion Equivalent - Palladium Acetate Catalyzed Alkylation of $\alpha$ -Oicarbonyl Systems. <b>1984</b> , 14, 293-299	10
1944	INFLUENCE OF SOIL PHYSICAL FACTORS ON SURVIVAL AND DEVELOPMENT OF THE LARVAE AND PUPAE OF THE BEAN LEAF BEETLE, <i>CEROTOMA TRIFURCATA</i> (COLEOPTERA: CHRYSOMELIDAE)1. <b>1984</b> , 116, 1015-1023	15
1943	Selective Toxins and Analogs Produced by <i>Helminthosporium sacchari</i> : Production, Characterization, and Biological Activity. <b>1984</b> , 76, 96-102	11
1942	Gas chromatographic-mass spectrometric analysis of chlorinated phenoxyphenols in the technical chlorophenol formulation ky-5?. <b>1984</b> , 291, 135-144	16
1941	Präparative mitteldruck-flüssigkeitschromatographie. <b>1984</b> , 292, 333-344	11
1940	High-efficiency resolution of isomeric rotenone compounds by high-performance liquid chromatography. <b>1984</b> , 317, 383-401	8
1939	Investigation of isoprenoid benzoates and naphthoates by reversed-phase liquid chromatography. Isocratic elution characteristics of benzoates and naphthoates of C5-C20 terpenoid alcohols. <b>1984</b> , 312, 121-22	5
1938	Electrophilic lactonization as a tool in acyclic stereocontrol. Synthesis of serricornin. <b>1984</b> , 40, 2317-2327	95
1937	Stereoselective and versatile approach for the synthesis of gossyplure and its components. <b>1984</b> , 40, 3285-3289	17
1936	Photoaffinity labeling of bovine rhodopsin. <b>1984</b> , 40, 493-500	14
1935	Stereoselective aldol condensations via alkenyloxy dialkoxyboranes : mechanistic and stereochemical details. <b>1984</b> , 40, 4051-4058	20
1934	Isolierbare Positionsisomere des Tetrabrombullvalens. <b>1984</b> , 117, 2226-2232	7
1933	Synthesis and polymorphism of 1,2-dipalmitoyl-3-acyl-sn-glycerols. <b>1984</b> , 61, 1078-1084	61
1932	Synthèse d'arylhydroxyspiroactals. Influence du groupe aryle sur la photocyclisation d'arylctoactals en série hétérocyclique et osidique. <b>1984</b> , 21, 21-25	2

1931	Synthesis and NMR studies of some imidazo[4,5-d]pyridazine nucleosides. <b>1984</b> , 21, 481-489		12
1930	Phase transfer catalysis in N-alkylation of the pharmaceutical intermediates phenothiazine and 2-chlorophenothiazine. <b>1984</b> , 21, 613-614		14
1929	The reaction of substituted thiosemicarbazides and $\alpha$ -haloketones. <b>1984</b> , 21, 889-891		5
1928	Reactions of 1,1-diacetylcyclopropane over a palladium catalyst. <b>1984</b> , 33, 1525-1526		
1927	Binuclear $\beta$ -lamshell-metallophthalocyanines. <b>1984</b> , 89, L35-L38		19
1926	A HIGHLY REACTIVE HETEROATOM ANALOG OF RETINAL AND ITS INTERACTION WITH BACTERIORHODOPSIN. <b>1984</b> , 39, 745-752		2
1925	Synthesis of a linear tetrasaccharide unit of a complex type of glycan chain of a glycoprotein. <i>Carbohydrate Research</i> , <b>1984</b> , 127, C1-4	2.9	19
1924	Reaction of ethyl 2-amino-4,6-O-benzylidene-2-deoxy-d-gluconate with acetylenic esters. <i>Carbohydrate Research</i> , <b>1984</b> , 126, 81-90	2.9	0
1923	Acid-catalyzed conversion of 2-O-(2-hydroxypropyl)-d-glucose derivatives into 1,2-O-(1-methyl-1,2-ethanediyl)-d-glucose acetals. Studies related to O-(2-hydroxypropyl)cellulose. <i>Carbohydrate Research</i> , <b>1984</b> , 125, 265-282	2.9	6
1922	Methyl 4-O-(4- $\alpha$ -D-glucopyranosyloxy-4-methoxybutyl)- $\alpha$ -D-glucopyranoside, a modified oligosaccharide for studying interactions of carbohydrates with multisite proteins. <i>Carbohydrate Research</i> , <b>1984</b> , 133, 247-54	2.9	20
1921	Synthesis of benzyl 2-azido-2-deoxy-4-O- $\beta$ -d-glucopyranosyl- $\beta$ -d-glucopyranoside and 1,6-anhydro-2-azido-2-deoxy-4-O- $\beta$ -d-glucopyranosyl- $\beta$ -d-glucopyranose. <i>Carbohydrate Research</i> , <b>1984</b> , 130, 65-72	2.9	7
1920	2-bromo-2-deoxy sugars as starting materials for the synthesis of $\beta$ - or $\alpha$ -glycosides of 2-deoxy sugars. <i>Carbohydrate Research</i> , <b>1984</b> , 130, 125-134	2.9	28
1919	Synthesis of a chiral 1,7-dioxaspiro[5,5]undecene. A model for the spiroacetal subunit of avermectin B1a. <i>Carbohydrate Research</i> , <b>1984</b> , 130, 261-269	2.9	32
1918	A new method of oligosaccharide synthesis: Rhamnobiases. <i>Carbohydrate Research</i> , <b>1984</b> , 126, 191-203	2.9	6
1917	A new method of oligosaccharide synthesis: Rhamnotrioses. <i>Carbohydrate Research</i> , <b>1984</b> , 126, 205-214	2.9	2
1916	Synthesis of [4- $^{15}\text{N}$ H $_2$ ]- and [1,3- $^{15}\text{N}$ ] $_2$ cytidine derivatives for use in NMR-monitored binding tests. <b>1984</b> , 139, 404-7		22
1915	Photochemical reactions. 132nd communication. Photochemistry of 5,6-epoxy-5,6-dihydro-7-methyl- $\beta$ -ionine: Influence of a methyl group at the enone side chain on the oxirane cleavage. <b>1984</b> , 67, 120-128		5
1914	2?-Nitro-2?-propen-1?-yl 2,2-Dimethylpropanoate (NPP), A Multiple Coupling Reagent. <b>1984</b> , 67, 261-283		121

1913	C-Metallierte chirale Aloxide als d2- und d3-Reagenzien für die Synthese enantiomerenreiner Produkte (EPC-Synthese). <b>1984</b> , 67, 289-300	73
1912	Synthese eines cyclischen Depsipeptides mittels Amidcyclisierung. <b>1984</b> , 67, 526-533	31
1911	Photochemical reactions, 135th communication Photochemistry of Homoconjugated Cyclobutanones. II. Decisive Effect of gem- Dimethyl Substitution on the Course of the Oxa-di- $\beta$ -methane Rearrangement. <b>1984</b> , 67, 774-788	18
1910	Synthese und NMR-Spektren einiger <sup>13</sup> C-markierter Thio- und Seleno-Ether, -acetale und -orthoester. <b>1984</b> , 67, 1070-1082	19
1909	Photochemical reactions. 137th communication. Preparation and photolysis of (E/Z)-7-methyl- $\beta$ -ionone. <b>1984</b> , 67, 1175-1183	10
1908	Fragmentation of 6-Deoxy-6-halo-hexono-1,5-ortholactones: A Concerted, Nonstereospecific Process. <b>1984</b> , 67, 1328-1347	40
1907	Improved Synthesis of Oligodeoxyribonucleotides by Solid-Phase Phosphotriester Method Utilizing O6-[2-(p-Nitrophenyl)ethyl]-2'-deoxyguanosine Derivatives. <b>1984</b> , 67, 1356-1364	13
1906	Photochemical reactions. 139th Communication. Photochemistry of acylsilanes: 1. Siloxcarbene formation versus $\beta$ -H-abstraction. <b>1984</b> , 67, 1734-1747	19
1905	Bicyclo[2.2.2]octanes. Syntheses and Hydrolyses of 6-exo-substituted 2-exo- and 2-endo-Bicyclo[2.2.2]octyl p-Toluenesulfonates. Part 9. <b>1984</b> , 67, 1859-1867	1
1904	Photoreaction of (RS,SR)-3-Phenyl-6-hepten-2-ol. Benzene-Olefin Cycloadditions as a Synthetic Route to [5.5.5.5] Fenestranes. Part III. <b>1984</b> , 67, 1930-1941	19
1903	Planarisation of Tetracoordinate Carbon Atom. A Further Route of (all-cis)-[5.5.5.5]Fenestrane. <b>1984</b> , 67, 2242-2245	13
1902	1-Aza- und 1,9-Diazatriptycene. <b>1984</b> , 1984, 381-388	3
1901	Reaktionen enolischer Zuckerderivate, XVI. Die Synthese einer diastereotopen Protonensonde [(Z)-3,7-Anhydro-1,2-didesoxy-D-gluco-oct-2-enitol] für $\beta$ - und $\alpha$ -D-Glucosylasen. <b>1984</b> , 1984, 1078-1087	10
1900	1,5-Dimethylbicyclo[3.3.0]octan-2,6-dion und 1,5-Dimethyl-bicyclo[3.3.0]octa-3,7-dien-2,6-dion. $\beta$ Grundbausteine substituierter Semibullvalene. <b>1984</b> , 1984, 1180-1192	12
1899	Albomycine, III. Synthese von N5-Acetyl-N5-hydroxy-L-ornithin aus L-Glutaminsäure. <b>1984</b> , 1984, 1424-1433	12
1898	Albomycine, IV. Isolierung und Totalsynthese von (N5-Acetyl-N5-hydroxy-L-ornithyl)-(N5-acetyl-N5-hydroxy-L-ornithyl)-N5-acetyl-N5-hydroxy-L-ornithin. <b>1984</b> , 1984, 1434-1440	5
1897	Mehrstufige reversible Redoxsysteme, XXXVII. Biazulenyle und $\beta$ -Biazulenylpolyene: Synthesen und spektroskopische Eigenschaften. <b>1984</b> , 1984, 1905-1935	27
1896	Synthesis of a highly tritiated photoaffinity labelled pheromone analog for the moth <i>antheraea polyphemus</i> . <b>1984</b> , 21, 593-601	20

1895	Syntheses of 2-([14C]methyl)furan and 4-oxo[5-14C]-2-pentenal. <b>1984</b> , 21, 713-718			5
1894	Synthesis of [14C]2-pipecolinyl-5-amino-4?-chloro-benzophenone (LF.1695). <b>1984</b> , 21, 899-903			1
1893	Polyfunktionalisierte Cyclohexane aus Dianhydrodesoxyinositen. cis-Desoxy-1,3(1,4)-inosdiamine aus Benzol. <b>1984</b> , 117, 1765-1800			22
1892	The synthesis of dl-coriolin. <b>1984</b> , 40, 2365-2380			23
1891	Preparation of '2,(3)-O-Acyl-pCpA derivatives as substrates for T4 RNA ligase-mediated chemical aminoacylation. <b>1984</b> , 40, 87-94			50
1890	A simple organocobalt mediated synthesis of substituted 3-oxabicyclo[3.3.0]oct-6-en-7-ones. <b>1984</b> , 25, 4041-4044			33
1889	Pentalenene biosynthesis and the enzymatic cyclization of farnesyl pyrophosphate: Proof that the cyclization is catalyzed by a single enzyme. <b>1984</b> , 12, 312-328			47
1888	Synthesis of $\beta$ - and $\alpha$ -(2- $\theta$ )-linked disialylglycerolipids. <i>Carbohydrate Research</i> , <b>1984</b> , 128, C1-C4	2.9		20
1887	Synthesis of 3-C-(hydroxymethyl)erythritol and 3-C-methylerythritol. <i>Carbohydrate Research</i> , <b>1984</b> , 133, 235-45	2.9		11
1886	Kinetically controlled nucleophilic addition-reactions to methyl 4,6-O-benzylidene-2,3-dideoxy-2-nitro- $\beta$ -d-erythro-hex-2-enopyranoside. <i>Carbohydrate Research</i> , <b>1984</b> , 131, 197-208	2.9		7
1885	Synthesis of D-(6R) - and D-(6S) -(6-2H1) glucose. <b>1984</b> , 40, 2089-2094			14
1884	An Example of the influence of Stereochemistry of a Proximate Methyl Substituent on Keto-Enol Tautomerism. <b>1984</b> , 40, 3611-3616			12
1883	Synthese stereoselective de dienes conjugues a partir d'alcools $\beta$ -alleniques. <b>1984</b> , 40, 3645-3655			22
1882	Ethyl-(r)-(4-methylphenylsulfinyl)-n-methoxy acetimidate a useful chiral acetate equivalent in aldol type condensations. <b>1984</b> , 40, 3769-3775			10
1881	Claisen rearrangements-xiv. <b>1984</b> , 40, 5225-5227			11
1880	Synthesis of dienic fluorinated analogs of insect sex pheromones. <b>1984</b> , 40, 2871-2878			84
1879	Products active on arthropod $\beta$ . <b>1984</b> , 40, 2961-2965			7
1878	Stereoselektive totalsynthese von (-)-torreyol. <b>1984</b> , 40, 3491-3498			18

1877	An efficient, regiospecific synthesis of (–)-Daunomycinone. <b>1984</b> , 40, 4569-4577		33
1876	Synthetic studies on taxane diterpenes X-ray structure of a key intermediate. <b>1984</b> , 40, 4285-4295		19
1875	Spontaneous adsorption of ferrocenes on highly ordered pyrolytic graphite edges. <b>1984</b> , 178, 153-163		5
1874	Partially fluorinated heterocyclic compounds. Part 19 [1]. The formation of Fischer indole products from a series of hydrazones derived from pentafluorophenylhydrazine and 1,3,4,5,6,7,8-heptafluoro-2-naphthylhydrazine. The surprising loss of o-fluorine. <b>1984</b> , 26, 77-86		8
1873	Synthesis and <sup>1</sup> H and <sup>13</sup> C NMR spectra of 7-fluoro-, 9-fluoro- and 11-fluoro-benzo[b]fluoranthenes. <b>1984</b> , 24, 249-261		4
1872	Conformation de metalladisenaferrocenophanes Fe(η <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> Se)2M(η <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> R)2 (M = Zr, Hf). <i>Journal of Organometallic Chemistry</i> , <b>1984</b> , 262, c30-c34	2.3	15
1871	Randainol: a neolignan from sassafras randaiense. <b>1984</b> , 23, 2329-2331		8
1870	Melampolides from Magnolia grandiflora. <b>1984</b> , 23, 2372-2374		33
1869	The differential effect of disulfiram on lipoxygenases from Glycine max. <b>1984</b> , 23, 1535-1539		6
1868	Synthèse de composés dicarbonylés-1,5 β-halogénés utilisant des vinylogues d'hémiacétals voie d'accès des cyclopropanes disubstitués-1,2. <b>1984</b> , 25, 1471-1474		14
1867	Enolboronates: New practical reagents for regioselective aldol condensations.. <b>1984</b> , 25, 2279-2282		17
1866	Stereoselective aldol condensations via enolboronates.. <b>1984</b> , 25, 2283-2286		25
1865	Mild cleavage of methoxymethyl (MOM) ethers with trimethylsilyl bromide. <b>1984</b> , 25, 2515-2518		102
1864	Oxiranylcarbonyl rearrangement: the effect of precursor stereochemistry. <b>1984</b> , 25, 2839-2842		3
1863	Allylic alkylations catalyzed by the couple palladium complexes-alumina. <b>1984</b> , 25, 4379-4382		58
1862	Syntheses of racemic diamino-dideoxy-lyxopyranose derivatives using acylnitroso dienophiles (1).. <b>1984</b> , 25, 4515-4518		8
1861	Stereochemical studies of fluoride ion-assisted reductions of ketones by organosilicon hydrides. <b>1984</b> , 25, 5859-5862		28
1860	A simple synthesis of 2-methylidene-3-aminopropanoates. <b>1984</b> , 25, 5951-5952		99

- 1859 Synthesis of oxocenones from  $\beta$ -lactones and their conversion to transposed oxocenes by a reductive ferrier reaction. **1984**, 25, 1757-1760 24
- 1858 A versatile total synthesis of  $\beta$ -D-purpurosaminides C. **1984**, 25, 1979-1982 6
- 1857 Asymmetric addition of perfluoroalkyl groups on carbonyls with zinc and ultrasound. **1984**, 25, 4117-4120 39
- 1856 Rearrangement of  $\beta$ -acyloxyacetates into 2-hydroxy-3-ketoesters. **1984**, 25, 3399-3402 34
- 1855 A facile synthesis of primary amines from carboxylic acids by the curtius rearrangement. **1984**, 25, 3515-3518 35
- 1854 Use of hexamethylphosphoramide (HMPA) in the alkylation of aromatic amines.. **1984**, 25, 3521-3524 19
- 1853 A convenient method for the synthesis of  $\beta$ -Ketoesters from aldehydes. **1984**, 25, 3529-3532 36
- 1852 The intramolecular cycloaddition of  $\beta$ -nitronone esters: a stereocontrolled synthesis of  $\beta$ -hydroxy- $\beta$ -aminoesters. **1984**, 25, 3533-3536 11
- 1851 Efficient synthesis and intramolecular cyclopropanation of unsaturated diazoacetic esters. **1984**, 25, 3559-3562 111
- 1850 Nouvelle Mthode d'annellation par l'intermdiaire de dictones-1,5. **1984**, 25, 43-46 18
- 1849 Simple preparation of a useful C/D-ring fragment for the construction of 11-keto steroids. **1984**, 25, 5367-5370 9
- 1848 On the reported molluscicidal activity from *Tephrosia vogelii* leaves. **1984**, 23, 1824-1825 17
- 1847 The fate of the phytoalexin ipomeamarone: furanoterpenes and butenolides from *Ceratocystis fimbriata*-infected sweet potatoes. **1984**, 23, 759-764 25
- 1846 A new nonenzymatic chiral induction into prochiral meso compounds. **1984**, 40, 1215-1223 19
- 1845 N,S-dimethyl-s-phenylsulfoximine. **1984**, 40, 1225-1233 57
- 1844 ( $\beta$ -Alkylation of  $\beta$ -heterosubstituted carboxylic acids without racemization. **1984**, 40, 1313-1324 245
- 1843 Asymmetric reactions based on 1,3-oxathianes3 . **1984**, 40, 1333-1343 58
- 1842 Beitrge zur Chemie der Pyrrolpigmente, 52. Mitt.. **1984**, 115, 101-111 14

1841	Syntheses of unconjugated (Z,Z)-diolefinic insect pheromones on insoluble polymer supports. <b>1984</b> , 10, 321-33	6
1840	Sex pheromone components of fall cankerworm moth, <i>Alsophila pometaria</i> : Synthesis and field trapping. <b>1984</b> , 10, 1579-96	22
1839	Terpenoids of <i>Pinus funebris</i> . <b>1984</b> , 20, 420-423	
1838	Terpenoids of the oleoresin of <i>Pinus pallasiana</i> . <b>1984</b> , 20, 116-117	1
1837	The calixarenes. <b>1984</b> , 1-47	98
1836	Metabolism and distribution of 3,4-epithiobutanenitrile in the rat. <b>1984</b> , 22, 227-32	23
1835	1-Ethynylpyrene, a suicide inhibitor of cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. <b>1984</b> , 23, 3827-36	47
1834	Penicillanic acid sulfone: nature of irreversible inactivation of RTEM beta-lactamase from <i>Escherichia coli</i> . <b>1984</b> , 23, 5833-9	55
1833	6-(Methoxymethylene)penicillanic acid: inactivator of RTEM beta-lactamase from <i>Escherichia coli</i> . <b>1984</b> , 23, 5839-46	34
1832	3-Deoxy-D-arabino-heptulosonic acid 7-phosphate: chemical synthesis and isolation from <i>Escherichia coli</i> auxotrophs. <b>1984</b> , 23, 4465-9	30
1831	Synthesis and bioassay of isoprenoid 3-alkylthio-1,1,1-trifluoro-2-propanones: potent, selective inhibitors of juvenile hormone esterase. <b>1984</b> , 228, 639-45	69
1830	Kinetics of hydrolysis of peptide thioester derivatives of arginine by human and bovine thrombins. <b>1984</b> , 234, 82-8	19
1829	Synthesis and platelet aggregation inhibition activity of a series of enantiomeric bicyclo[3.2.0]heptane-6-oximinoacetic acids (1). <b>1984</b> , 27, 851-63	3
1828	Synthesis of a precursor for the preparation of 9 alpha,11 alpha-tritiated 5 alpha-androstane-3 alpha,17 beta-diol 17-glucuronide. <b>1984</b> , 43, 343-50	15
1827	Aminomalonic acid: identification in <i>Escherichia coli</i> and atherosclerotic plaque. <b>1984</b> , 81, 722-5	33
1826	PHOSPHORORGANISCHE VERBINDUNGEN 1091 DIE SYNTHESE FLUORESZIERENDER REAGENTIEN MIT CHEMOSELEKTIVEN ANKERGRUPPEN. <b>1984</b> , 20, 173-187	5
1825	Asymmetric Catalytic Hydrogenations of Chiral $\beta$ -Keto Amides. <b>1984</b> , 57, 3203-3209	14
1824	A study of the maloalcoholic fermentation pathway in <i>Schizosaccharomyces pombe</i> . <b>1984</b> , 217, 585-8	14

1823	beta-Carboxyaspartic acid. <b>1984</b> , 107, 563-75	3
1822	Stereochemistry of 1-(4'-hydroxyphenyl)ethanol produced by hydroxylation of 4-ethylphenol by p-cresol methylhydroxylase. <b>1984</b> , 224, 617-21	36
1821	Synthesis of sisamine and of pseudodisaccharide analogues. <b>1984</b> , 37, 143-9	
1820	Photochemical Electron-transfer Reaction between Aromatic Olefins and Metal Ions. Dependence of the Reaction Course on the Structure of the Olefins. <b>1985</b> , 58, 521-524	18
1819	A study on the mechanism of the epimerization at C-3 of chenodeoxycholic acid by <i>Clostridium perfringens</i> . <b>1985</b> , 230, 451-5	5
1818	Purification of farnesylpyrophosphate synthetase by affinity chromatography. <b>1985</b> , 110, 171-84	15
1817	[46] Isolation and identification of diterpenes from termite soldiers. <b>1985</b> , 417-425	2
1816	Bipolaroxin, a selective phytotoxin produced by <i>Bipolaris cynodontis</i> . <b>1985</b> , 82, 8291-4	67
1815	An Improved Synthesis of Insect Sex Attractant: CIS-7-Dodecenyl Acetate. <b>1985</b> , 32, 373-375	1
1814	High specific activity enantiomerically enriched juvenile hormones: synthesis and binding assay. <b>1985</b> , 82, 5290-4	39
1813	Preparation of Three Decadeoxyribonucleotides Containing an Uncommon or Modified Base. <b>1985</b> , 32, 157-168	
1812	Kinetic properties of a sex pheromone-degrading enzyme: the sensillar esterase of <i>Antheraea polyphemus</i> . <b>1985</b> , 82, 8827-31	304
1811	Synthesis of 5-, 6-, 7- and 18-mono- <sup>13</sup> C-labelled retinals. <b>1985</b> , 104, 281-288	16
1810	The actinidols: nor-isoprenoid compounds in grapes, wines and spirits. <b>1985</b> , 24, 767-770	16
1809	Transformation of androstane derivatives by <i>Spirodela oligorrhiza</i> . <b>1985</b> , 25, 61-64	4
1808	Synthesis of phosphatidyl- $\beta$ -glucosyl glycerol containing a dioleoyl phosphatidyl moiety. Application of the tetraisopropylidisiloxane-1,3-diyl (tips) protecting group in sugar chemistry. part III. <b>1985</b> , 41, 4545-4555	29
1807	Synthesis of phosphatidyl- $\beta$ -glucosyl glycerol containing a dioleoyl diglyceride moiety. <b>1985</b> , 41, 4557-4565	42
1806	(-)- $\beta$ -Pinene as chiral promoter. Stereospecific access to (-)- $\beta$ -amino- $\beta$ -hydroxybutyric acid (gabob) and ()-carnitine.2. <b>1985</b> , 41, 5607-5613	30



1805	Synthesis of 2,3-dimethyltetra-cyclo(5.5.1.04,13.010,13)trideca-2,5-dien-9-one, a new derivative of all-cis-(5.5.5.5)fenestrane. <b>1985</b> , 41, 5697-5701	27
1804	Cycloadditions and annulations of transition metal carbene complexes. <b>1985</b> , 41, 5813-5832	107
1803	Syntheses stereoselectives des isomeres cinetiques et thermodynamiques d'alcoxy-spirocetals et de trioxa-bis-spirocetals. <b>1985</b> , 41, 409-412	6
1802	Type II photoreactions of $\beta$ -alkyl $\alpha$ -oxoesters. Neighboring group effect on 1,4-biradical reactions and effective internal filter effect by the type II photoproduct. <b>1985</b> , 41, 1667-1673	11
1801	Influence of chemical structure of nitroxyl spin labels on their reduction by ascorbic acid. <b>1985</b> , 41, 1165-1172	79
1800	Antigenes de groupe sanguin. <b>1985</b> , 41, 1939-1944	31
1799	A stereorational total synthesis of (1 $\beta$ )ptilocaulin. <b>1985</b> , 41, 3463-3478	42
1798	Intramolecular cycloaddition reactions of exocyclic nitrones. <b>1985</b> , 41, 3479-3495	34
1797	An approach to a new class of selenosugars. <b>1985</b> , 41, 4781-4785	18
1796	Trifluoroacetoxy-phenylselenation of nitroolefins regioselective preparation of nitroallylic alcohol derivatives and their use as multiple coupling reagents. <b>1985</b> , 41, 4861-4872	57
1795	Diastereofacial selectivity via aldol reactions using ethyl dithioacetate and ethyl dithiopropionate enolates. <b>1985</b> , 41, 5089-5106	43
1794	The chemistry of fulminic acid revised. <b>1985</b> , 41, 5181-5185	23
1793	Phenylselenenyl chloride in acetonitrile-water. <b>1985</b> , 41, 5301-5306	45
1792	2'-Desoxytubercidin: synthese des o-3'-phosphoramidites und kondensation zu 2'-desoxytubercidylyl(3' - $\delta'$ )-2'-desoxytubercidin. <b>1985</b> , 41, 5387-5392	14
1791	Enantio- and diastereo-controlled synthesis of (+) - and (1 $\beta$ )- eldanolide based on asymmetric pinacol-type rearrangement. <b>1985</b> , 26, 861-864	29
1790	Improved preparation and new reactions of $\beta$ -(1-phenylthio) cyclopropyl enones. <b>1985</b> , 26, 717-720	7
1789	Selective deprotection of alcoholic and phenolic silyl ethers. <b>1985</b> , 26, 681-684	78
1788	Palladium mediated dehydrogenation in the photochemical cyclization of heterocyclic analogs of stilbene. <b>1985</b> , 26, 2423-2426	27

- 1787 Hetero-cope-umlagerungen - v. ungewöhnlichemeta-umlagerung eines hetero-claisen-systems. **1985**, 26, 5281-5284 5
- 1786 Conformational control of enolate geometry: a short synthesis of germacrene-D. **1985**, 26, 5971-5974 27
- 1785 Eicosatetraenehydroxamates: inhibitors of 5-lipoxygenase. **1985**, 26, 2143-2146 23
- 1784 N-Acyliminium cyclizations via reversible 2-aza-cope rearrangements. **1985**, 26, 5105-5108 8
- 1783 [3,3] Sigmatropic rearrangement of allylic alcohols with ethyl  $\beta$ -diethoxyacrylate: Regiospecific synthesis of substituted allylmalonates. **1985**, 26, 6261-6264 3
- 1782 A chiral nitronate dianion from (=d)-glyceraldehyde. Enantiospecific syntheses of 2,3-dideoxy-3-nitro furanosides and pyranosides. **1985**, 26, 6269-6272 28
- 1781 Pachyovotamine, a bisbenzylisoquinoline alkaloid, and other alkaloids from *Pachygone ovata*. **1985**, 24, 589-592 9
- 1780 Structure of a limonoid antifeedant from *Trichilia roka*. **1985**, 24, 195-196 40
- 1779 Attraction of tortricid moths of subfamily olethreutinae to field traps baited with dodecadienes. **1985**, 11, 217-30 19
- 1778 Zur Stereochemie der Vitamin D3-Epoxide Röntgenstrukturanalyse einer 5,6-7,8-Diepoxydverbindung. **1985**, 116, 831-839 3
- 1777 Variable sensitivity of *Trichoderma viride* to *Medicago sativa* saponins. **1985**, 25, 73-75 15
- 1776 Synthesis, chiroptical properties and absolute configuration of  $\beta$ -phenylglycidic acid. **1985**, 41, 1183-1192 10
- 1775 Efficient synthesis of rearranged cholest-13(17)-enes catalysed by montmorillonite-clay. **1985**, 26, 2135-2136 25
- 1774 Eliminative deoxygenation: A facile synthesis of  $\beta$ -cyano and  $\beta$ -carboalkoxy substituted vinyl sulfides. **1985**, 26, 2395-2398 36
- 1773 Reaction of enyne triflates with nucleophiles. **1985**, 26, 2301-2304 3
- 1772 Synthesis of 7-[3-bromo-3,4-dideoxy-6-O-(2-hydroxyethyl)- $\beta$ -d-glycero-hex-3-enopyranosyl-2-ulose]theophylline. *Carbohydrate Research*, **1985**, 145, 163-168 2.9 4
- 1771 Comparative stability of 1-alkoxyalkyl alpha-D-glucosides in the presence of acid or alpha-D-glucosidase from yeast. *Carbohydrate Research*, **1985**, 142, 47-59 2.9 8
- 1770 Comparison of three <sup>18</sup>F-labeled butyrophenone neuroleptic drugs in the baboon using positron emission tomography. **1985**, 44, 835-44 96

1769	Linear dimerization of acrylates by palladium and rhodium catalysts: effect of lewis and protic acid additives. <b>1985</b> , 29, 65-76		30
1768	Reaction of N $\alpha$ -acetyl-dl-tryptophan amide with d-xylose or d-glucose in acidic solution. <b>1985</b> , 17, 289-296		10
1767	Synthesis of d-ribo-C-nucleoside analogues by dehydration of new d-allo-pentitol-1-yl heterocycles. <i>Carbohydrate Research</i> , <b>1985</b> , 143, 129-141	2.9	14
1766	Rapid ion-exchange chromatography for preparative separation of proteins. Application to porcine and bovine carbonic anhydrases. <b>1985</b> , 319, 59-65		8
1765	Preparative separation of enantiomers by flash chromatography. <b>1985</b> , 319, 392-395		23
1764	Nucleophilic addition to coordinated allyl ligands. Heteroatom nucleophiles with cationic molybdenum complexes. <i>Journal of Organometallic Chemistry</i> , <b>1985</b> , 296, 31-54	2.3	9
1763	Nouvelle synthese regioselective de $\beta$ -alcoxyketones a partir d'enoxyasilanes et de trisenoxyasilanes engendres in situ. <i>Journal of Organometallic Chemistry</i> , <b>1985</b> , 281, c24-c28	2.3	2
1762	The synthesis of a precursor to pentalene using a palladium(O) catalysed (3 + 2) cycloaddition. <i>Journal of Organometallic Chemistry</i> , <b>1985</b> , 285, 419-427	2.3	22
1761	Trichodiene biosynthesis and the stereochemistry of the enzymatic cyclization of farnesyl pyrophosphate. <b>1985</b> , 13, 246-265		51
1760	Recyclization of pyridinium salts with exchange as a method for the preparation of N-substituted aromatic amines. <b>1985</b> , 21, 914-917		0
1759	Synthesis of $\beta$ - $\beta$ -Diamino Acids: An Efficient Preparation of DL-Homolysine and Protected Derivatives. <b>1985</b> , 15, 1277-1290		11
1758	Fluorinated heterocyclic compounds. 2. 2,4-difluoro and 4-amino-2-fluoropyrimidines, nucleoside base analogs. <b>1985</b> , 22, 149-153		9
1757	Fries rearrangement of methoxyphenyl 3-methylbut-2-enoates. <b>1985</b> , 22, 363-368		11
1756	Preparation of 2-iodotryptamine and 2-iodo-5-methoxytryptamine. <b>1985</b> , 22, 505-509		27
1755	Ring-transformation of 1,2,4-oxadiazines. Raney nickel hydrogenation of Z-3-aryl-5,6-dihydro-5-(substituted)methylene-4H-1,2,4-oxadiazine derivatives. <b>1985</b> , 22, 569-574		2
1754	Synthesis of selenium analogs of glycerol from 1,2,3-selenadiazoles. <b>1985</b> , 22, 857-858		7
1753	The chemistry of polycyclic arene imine. VI. 1-[N,N-di-(2-propenyl)-9-phenanthreneamine-10-yl]-1a,9b-dihydrophenanthro[9,10-b]azirine an unusual allylation product of phenanthrene 9,10-imine. <b>1985</b> , 22, 865-868		4
1752	The reductive metalation of 9-phenylacridine. <b>1985</b> , 22, 879-881		3

- 1751 4,5-Dibenzoyloxybenzynes as a synthon for diels-alder reactions. The synthesis of 6,7-dihydroxy-1,4-ethano-1,2,3,4-tetrahydroisoquinolines as rigid analogs of adrenergic agents. Assignment of proton and carbon-13 NMR parameters using homonuclear and heteronuclear two-dimensional chemical shift correlation NMR spectroscopy. **1985**, 22, 1055-1060 3
- 1750 Synthèse d'azamacrocycles polysubstitués par des peptides biologiquement actifs. **1985**, 22, 1307-1312 3
- 1749 Hydrogenolysis of the C=O bond of the 1,2,4-oxadiazine ring. Adams platinum hydrogenation of 3-aryl-5,6-dihydro-5-(substituted)-methylene-4H-1,2,4-oxadiazine derivatives. **1985**, 22, 1409-1412 5
- 1748 Improved procedure for the preparation of 3,4-dihydro-2,2-dimethyl-2H-1-benzopyran-3-ones. **1985**, 22, 1421-1423 3
- 1747 Gas chromatographic analysis of 1,4-naphthoquinones. **1985**, 20, 19-22 6
- 1746 Fucosterol epoxide lyase of insects: synthesis of labeled substrates and development of a partition assay. **1985**, 151, 315-26 9
- 1745 Rapid large-scale isolation of biologically active molecules using reversed-phase "flash" chromatography: initial purification of endogenous Na<sup>+</sup>, K<sup>+</sup>-ATPase inhibitors from human urine. **1985**, 338, 417-21 10
- 1744 Prokaryotic triterpenoids. 2. 2 beta-Methylhopanoids from *Methylobacterium organophilum* and *Nostoc muscorum*, a new series of prokaryotic triterpenoids. **1985**, 150, 29-34 88
- 1743 NOVEL PHOTOCLEAVABLE PROTEIN CROSSLINKING REAGENTS AND THEIR USE IN THE PREPARATION OF ANTIBODY-TOXIN CONJUGATES. **1985**, 42, 231-237 21
- 1742 Disproof of claimed unusually stable primary ozonides of 1,4-dichloro-2-butenes. **1985**, 118, 845-850 4
- 1741 d1- und d3-selektive Umsetzungen von schwefelsubstituierten Allyl-Titan-Derivaten mit Aldehyden und Ketonen. **1985**, 118, 1329-1344 10
- 1740 Monoozonolysen von acyclischen konjugierten Dienen. **1985**, 118, 3041-3057 14
- 1739 Photolyse des 9-Azidotryptycens. Struktur des Dimeren eines extrem gespannten Brückenkopfmimins. **1985**, 118, 3058-3069 2
- 1738 Zur Positions- und Regioselektivität neuer [3 + 2]-Cycloadditionen mesoionischer 1,3-Dithiol-4-one an elektronenarme und elektronenreiche Butatriene. **1985**, 118, 3438-3463 8
- 1737 Enantioselektive Addition von Arylgruppen an aromatische Aldehyde mit Aryltitan-Binaphthol-Derivaten. **1985**, 118, 3673-3682 79
- 1736 Synthese der (3-Oxo-2-tosyloxy-1-alkenyl)phosphonsäure-dialkylester (Synthone zur Gewinnung von (Hetaryl)methyl)-phosphonsäureestern und 2-substituierten 3-Oxophosphonsäureestern. **1985**, 118, 4131-4143 14
- 1735 Chemospezifität und Regioselektivität bei der Cycloaddition von Diazoalkanen an 1H-1,2-Diazepine. **1985**, 118, 4682-4706 13
- 1734 Stufenweise Oxidation von 1,2-Naphthochinon und Cyclohepta-[de]naphthalin-7,8-dion (o-Pleiadienchinon). **1985**, 118, 4725-4742 10

1733	Chiral Poly(9,9?-spirobifluorene) Crown Ethers. <b>1985</b> , 24, 792-794		25
1732	Design and synthesis of potential megacaloric parenteral nutrients. <i>Carbohydrate Research</i> , <b>1985</b> , 137, C14-C16	2.9	11
1731	Synthesis of methyl 3-O-( $\beta$ - and $\beta$ -d-galactopyranosyl)4-O-( $\beta$ -d-glucopyranosyluronic acid)- $\beta$ -l-rhamnopyranoside using photolabile methyl 2,3-O-(2-nitrobenzylidene)- $\beta$ -l-rhamnopyranoside. <i>Carbohydrate Research</i> , <b>1985</b> , 136, 27-35	2.9	4
1730	Preparation and properties of some photolabile sugar derivatives for affinity labelling. <i>Carbohydrate Research</i> , <b>1985</b> , 136, 125-133	2.9	20
1729	Synthesis and photolysis of some carbohydrate 1,6-dienes. <i>Carbohydrate Research</i> , <b>1985</b> , 136, 249-258	2.9	6
1728	Partial benzylation of 2,1':4,6-di-O-isopropylidene-sucrose. <i>Carbohydrate Research</i> , <b>1985</b> , 139, 147-160	2.9	9
1727	Syntheses of Racemic Diaminosugar Derivatives Starting from 1,2-Dihydropyridines and from Nitrosobenzene. <b>1985</b> , 68, 95-103		20
1726	$\beta$ -Alkylation of Amino Acids without Racemization. Preparation of Either (S)- or (R)- $\beta$ -Methyldopa from (S)-Alanine. <b>1985</b> , 68, 144-154		76
1725	Über den sterischen Verlauf der Umsetzung von Enaminen aus offenkettigen Aldehyden und Ketonen mit Nitroolefinen zu 2,3-disubstituierten 4-Nitroketonen. <b>1985</b> , 68, 162-172		79
1724	Photochemical reactions. 141st communication. Photochemistry of $\beta$ , $\beta$ -unsaturated $\beta$ -epoxyketones of the ionone series. <b>1985</b> , 68, 192-206		8
1723	Tritylketone und Tritylenone. Beiträge zur sterisch erzwungenen Michael-Addition und zur diastereoselektiven Aldol-Addition. <b>1985</b> , 68, 264-282		41
1722	Planarisierung von tetrakoordiniertem Kohlenstoffatom. Synthese des überbrückten all-cis-[5.5.5.5]Fenestrans 13-Oxapentacyclo[5.5.2.11.7.04,15.010,15] pentadecan-14-on. <b>1985</b> , 68, 493-507		15
1721	Photochemical reactions. 143rd communication. Photochemistry of 5,6-epoxy-1,3-dienes in the ionone series. Influence of a hydroxy group in the 7-position. <b>1985</b> , 68, 635-650		2
1720	Synthesis and Antagonistic Activity of Two Covalently Linked Dimers of Adrenocorticotropin-(11-24)-tetradecapeptide. <b>1985</b> , 68, 770-776		7
1719	N,O-Acetals from Pivalaldehyde and Amino Acids for the $\beta$ -Alkylation with Self-Reproduction of the Center of Chirality. Enolates of 3-Benzoyl-2-(tert-butyl)-1,3-oxazolidin-5-ones. <b>1985</b> , 68, 1243-1250		139
1718	The Phloroglucinols of <i>Dryopteris aitoniana</i> PICHl SERM. (Dryopteridaceae, Pteridophyta). <b>1985</b> , 68, 1251-1275		21
1717	Stereospecific Molecular Design. Synthesis of a New Heterotricyclic System. <b>1985</b> , 68, 1359-1361		1
1716	Asymmetrische Michael-Additionen. Stereoselektive Alkylierung chiraler, nicht racemischer Enolate durch Nitroolefine. Herstellung enantiomerenreiner $\beta$ -Aminobuttersäure- und Bernsteinsäure-Derivate. <b>1985</b> , 68, 1592-1604		125

- 1715 Uncinatone, a New Antifungal Hydroquinone Diterpenoid from *Clerodendrum uncinatum* SCHINZ. **1985**, 68, 1605-1610 21
- 1714 Hetero-Cope-Umlagerungen. 4. Mitteilung. Regiokontrollierte Indolsynthesen. **1985**, 68, 1835-1843 31
- 1713 Photo-Emde Degradation of 1,2,3,4-Tetrahydroquinolinium Salts. **1985**, 68, 1952-1960 4
- 1712 Cycloaddition of 2H-Pyran-2-thiones with Nitroso Derivatives. An Unexpected Cycloaddition-Rearrangement Reaction. **1985**, 68, 1998-2014 17
- 1711 The Structure Elucidation of Pseudothiocolchicine. **1985**, 68, 2173-2176 8
- 1710 A Short Synthesis of Allene- and [3] Cumulenecarboxylates. **1985**, 68, 2244-2248 10
- 1709 Formation of the 5-Azoniafulvene Ion and its Benzo-annellated Analogue from N-Mannich Bases of Pyrrole and Indole. **1985**, 68, 2275-2281 9
- 1708 The Synthesis and Protonation of 1,1-Di(1-pyrrolyl)alkenes. **1985**, 68, 2282-2286 6
- 1707 Diastereoselectivity in the Reaction of N-Glycosyl-nitrones: 1,3-Dipolar Cycloaddition and Addition of Phosphite Anion. **1985**, 68, 2299-2311 34
- 1706 Chirale Synthesebausteine durch Kolbe-Elektrolyse enantiomerenreiner  $\beta$ -Hydroxy-carbonsäurederivate. (R)- und (S)-Methyl- sowie (R)-Trifluormethyl- $\beta$ -butyrolactone und -valerolactone. **1985**, 68, 2342-2349 51
- 1705 Zur sukzessiven Umhüllung des Benzolkerns mit gesättigten Ringen. **1985**, 1985, 226-238 6
- 1704 Eine neue und einfache Synthese des Dipyrazino[2,3-f:2',3'-h]-chinoxalin-Ringsystems. **1985**, 1985, 522-528 26
- 1703 Ein Purin/7-Desazapurin-Dinucleosid-Monophosphat mit 2-Amino-7H-pyrrolo[2,3-d]pyrimidin als fluoreszierender Base. **1985**, 1985, 1175-1184 1
- 1702 Über die selektive Oxidation des Vitamin-D<sub>3</sub>-Triensystems [Die Umsetzung von Vitamin D<sub>3</sub> mit N-Bromsuccinimid [Ein Einfacher Zugang zu C-19-substituierten Tachysterol- und Isotachysterol-Derivaten. **1985**, 1985, 1210-1215 3
- 1701 Darstellung chiraler  $\beta$ -Aminoisobuttersäure. **1985**, 1985, 1917-1921 9
- 1700 Preparation of (2E,4E,6S,7S,10E,12E,14S,15S,17S)-7,15-Bis(1-hydroxymethylethyl)-6,14-dimethyl-8,16-dioxo-2,4,10,12-cyclohexadecatetra-2,4,6,8,10,12,14,16-octaene [A Building Block for the Synthesis of Elaiophyllin. **1985**, 1985, 2313-2327 9
- 1699 Synthesis of carbon-14 labeled clomiphene. **1985**, 22, 245-255 1
- 1698 Synthesis of <sup>13</sup>C single and double labelled retinals, precursors for NMR studies of visual pigments and related systems. **1985**, 22, 807-817 6

1697	Chirale Poly(9,9?-spirobifluoren)-kronenether. <b>1985</b> , 97, 793-794	15
1696	Syntheses of 5-phenyl-2-pyridinamine, a possibly carcinogenic pyrolysis product of phenylalanine, and some of its putative metabolites. <b>1985</b> , 6, 13-9	18
1695	New Liquid Crystals: The Synthesis and Mesomorphic Properties of Alkenylsubstituted Cyanophenylethylcyclohexanes and Cyanobiphenylcyclohexanes. <b>1985</b> , 131, 327-342	10
1694	New Liquid Crystals: The Synthesis and Mesomorphic Properties of Nematic Alkenylsubstituted Cyanophenylcyclohexanest. <b>1985</b> , 131, 109-123	28
1693	STRUCTURES IN SOLUTION OF ADDUCTS OF 2,8-DIOXA-5-AZA-1-PHOSPHABICYCLO[3.3.0]-OCTANE AND SUBSTITUTED BENZILS. <b>1985</b> , 22, 191-197	
1692	Reversed-phase high-performance liquid chromatography of C5 to C20 isoprenoid benzoates and naphthoates. <b>1985</b> , 111, 252-63	1
1691	Methadone metabolism in the rat in vivo: identification of a novel formamide metabolite. <b>1985</b> , 15, 129-40	7
1690	Chemical synthesis of oligonucleotides containing a free sulphhydryl group and subsequent attachment of thiol specific probes. <b>1985</b> , 13, 4485-502	160
1689	Microbiological Conversion of Lapachol by Various Microorganisms. <b>1985</b> , 49, 2693-2698	3
1688	Antinociceptive and other opioid effects of a new series of dermorphin analogues after subcutaneous administration in the rat. <b>1985</b> , 6, 433-7	16
1687	In the search for new anticancer drugs. XV. Various aliphatic and aromatic hydrazones containing the N,N;N',N'-bis(1,2-ethanediy)phosphoric diamide moiety. <b>1985</b> , 29, 309-22	6
1686	Synthesis and polymorphism of 3-acyl-sn-glycerols. <b>1985</b> , 24, 519-25	34
1685	Stereochemistry of lysine formation by meso-diaminopimelate decarboxylase from wheat germ: use of 1H-13C NMR shift correlation to detect stereospecific deuterium labeling. <b>1985</b> , 24, 3263-7	41
1684	Analysis of products formed during bleomycin-mediated DNA degradation. <b>1985</b> , 24, 5735-44	65
1683	Lambda phage cro repressor interaction with its operator DNA: 2'-deoxy-5-fluorouracil OR3 analogues. <b>1985</b> , 24, 1418-24	13
1682	Structural requirements for the biological activity of thymopentin analogs. <b>1985</b> , 242, 248-55	17
1681	Estimation of the location of natural alpha-tocopherol in lipid bilayers by 13C-NMR spectroscopy. <b>1985</b> , 819, 131-5	88
1680	Substances That Modify the Perception of Sweetness. <b>1985</b> , 11-25	3

- 1679 1,2-Diaryl-3,4-dihydronaphthalenes: photofluorogenic ligands for the estrogen receptor. **1985**, 23, 929-37 24
- 1678 Stereospecificity of the intracellular binding of norethisterone and its A-ring reduced metabolites. **1985**, 22, 121-6 47
- 1677 [125I]iododesethyl tamoxifen aziridine: synthesis and covalent labeling of the estrogen receptor with an iodine-labeled affinity label. **1986**, 48, 287-313 6
- 1676 The synthesis and biological activity of 22-fluorovitamin D3: a new vitamin D analog. **1986**, 48, 93-108 1
- 1675 Evidence that a non-aromatizable metabolite of norethisterone induces estrogen-dependent pituitary progesterin receptors. **1986**, 24, 525-31 32
- 1674 Metabolism of 4-hydroxyandrost-4-ene-3,17-dione by rat hepatocytes. **1986**, 24, 607-17 20
- 1673 Synthesis of methyl  $\beta$ -l-decilnitroside. *Carbohydrate Research*, **1986**, 158, 249-252 2.9 11
- 1672 Efficient Syntheses of  $\beta$ -Sesquiphellandrene and Zingiberenol Employing a Tandem Arylation-Multistep Reduction-Hydrolysis Sequence1. **1986**, 16, 1217-1228 5
- 1671 A Facile Preparation of Some Furylestere. **1986**, 16, 69-77 10
- 1670 A Study of the Diels-Alder Regioselectivity of Substituted Vinyl Cyclohexenes. **1986**, 16, 251-259 23
- 1669 Trans-2-Diethylphosphoryloxy-1,3-Pentadiene in The Lewis acid Catalyzed Diels-Alder Reaction. **1986**, 16, 1485-1492 3
- 1668 Isolation, purification and nuclear magnetic resonance spectra of pulvilloric acid. **1986**, 2, 25-32 3
- 1667 Use of 1-Penten-3-One-4- Phosphonate as a Kinetic Ethyl Vinyl Ketone Equivalent in the Robinson Annulation Reaction1. **1986**, 16, 1745-1759 5
- 1666 Halo enol lactones: studies on the mechanism of inactivation of alpha-chymotrypsin. **1986**, 25, 1436-44 38
- 1665 Synthesis of disiloxanediyl diamines via a facile homocondensation of amino silanols. *Journal of Organic Chemistry*, **1986**, 51, 2434-2436 4.2 11
- 1664 Degradation of poly(3-hydroxybutyrate) by poly(3-hydroxybutyrate) depolymerase from *Alcaligenes faecalis* T1. **1986**, 880, 46-53 153
- 1663 ( $\beta$ -Dihydropyrenophorin, a novel and selective phytotoxin produced by *Drechslera avenae*. **1986**, 43, 1-5 16
- 1662 In the search for new anticancer drugs. XVIII. Various mono- and bis-antraquinone hydrazones containing the N,N';N',N'-bis(1,2-ethanediyl)phosphoric diamide moiety. **1986**, 32, 155-64 5



1661	A new synthesis of heptachlor enantiomers. <b>1986</b> , 15, 687-692		2
1660	The Synthesis of 10,10-Disubstituted Anthrones Via the Rearrangements of 9-Anthryl Ethers. <b>1986</b> , 16, 441-451		5
1659	Synthesis and antimicrobial evaluation of acyl derivatives of 16-membered macrolide antibiotics related to tylosin. <b>1986</b> , 39, 1108-22		6
1658	Preparation and evaluation of 3,4''-ester derivatives of 16-membered macrolide antibiotics related to tylosin. <b>1986</b> , 39, 1724-35		6
1657	Purification of cathepsin B by a new form of affinity chromatography. <b>1986</b> , 235, 731-4		76
1656	Facile preparation of C-glycosylbarbiturates and C-glycosylbarbituric acids. <i>Carbohydrate Research</i> , <b>1986</b> , 158, 53-66	2.9	40
1655	Specific synthesis and stereochemical assignment of the diastereomeric 3,5-O-benzylidene-1,2-O-isopropylidene-alpha-D-glucofuranose isomers. <i>Carbohydrate Research</i> , <b>1986</b> , 158, 137-45	2.9	6
1654	Synthesis and thermal chemistry of isolevoglucosenone. <i>Carbohydrate Research</i> , <b>1986</b> , 146, 113-128	2.9	32
1653	Fluorescence-based assay of estrogen receptor using 12-oxo-9(11)-dehydroestradiol-17 beta. <b>1986</b> , 159, 336-48		14
1652	Über methyl-halogenierte Allyl-methyl-sulfoxide und -sulfone und die Darstellung halogener Sulfone. <b>1986</b> , 119, 269-278		13
1651	Regioselektive Erzeugung und diastereoselektive Umsetzungen in $\beta$ -Stellung zur Nitrogruppe sekundärer Nitroalkane über $\beta$ , $\beta$ -doppelt deprotonierte Derivate (Super-enamine). <b>1986</b> , 119, 575-588		13
1650	Synthese, Struktur und Cope-Umlagerung einiger 3,7-Dicyan-1,5-dimethylsemibullvalene. <b>1986</b> , 119, 1801-1835		29
1649	Reaktion von Azibenzilen mit Nonafuorbutansulfonsäureanhydrid. <b>1986</b> , 119, 2220-2232		2
1648	Zur Frage der Stellungsisomerie bei disubstituierten Bullvalenen. <b>1986</b> , 119, 2339-2349		9
1647	<sup>13</sup> C-ENDOR Investigation of an Organic Tetraradical in the Quintet State; Synthesis of a Fourfold <sup>13</sup> C-Labeled Tetrakisgalvinol. <b>1986</b> , 25, 1097-1098		38
1646	Aporphines 65: chemical, microbial synthesis and characterization by gas chromatography/mass spectrometry of (R)-(-)-10-hydroxy 11-methoxy-N-n-propylnoraporphine, a potential metabolite of N-n-propylnorapomorphine. <b>1986</b> , 13, 223-9		6
1645	<sup>13</sup> C-ENDOR-Untersuchung eines organischen Tetraradikals im Quintettzustand; Synthese eines vierfach <sup>13</sup> C-markierten Tetrakisgalvinols. <b>1986</b> , 98, 1095-1099		11
1644	Über die Enantiomerentrennung durch Verteilung zwischen flüssigen Phasen. 4. Mitteilung. Enantioselektivität der diastereoisomeren Weinsäure-dimethylester gegenüber $\beta$ -Aminoalkohol-Salzen. <b>1986</b> , 69, 5-11		12

- 1643 5,6,7,8-Tetrahydro-4H-1,2,5-oxadiazocin-6-one durch Ringerweiterung nach Addition eines 3-Isoxazolidinons mit 3-Amino-2H-azirinen. **1986**, 69, 298-304 13
- 1642 Synthese von 4,4-disubstituierten 1,3-Thiazol-5(4H)-thionen. **1986**, 69, 374-388 42
- 1641 Synthesis of anti-9-Bromo- and anti-9-Chlorobicyclo[4.2.1]nonatriene via Bicyclo[4.2.1]nonatriene-Bicyclo[4.2.1]nonatriene Rearrangement. **1986**, 69, 548-554 0
- 1640 Photochemical reactions. 147th Communication. Further investigation of the photochemistry of 5,6-epoxy-5,6-dihydro- $\beta$ -ionone: Product formation via a carbonyl-ylide intermediate. **1986**, 69, 555-559 3
- 1639 Die Synthese und der thermische Zerfall des 1,2-Diazabenz[e]-semibullvalens und dessen Beziehung zur Thermolyse des Benzobenzvalens. **1986**, 69, 670-675 13
- 1638 Über die thermische, katalytische und photochemische Stickstoff-Eliminierung des 1-Diazo-3-(1-methylcyclopenta-2,4-dienyl)-2-propanons. **1986**, 69, 676-682 3
- 1637 The Absolute Configuration of  $\beta$ -Bisabolol. **1986**, 69, 698-703 20
- 1636 Fluorine-Containing Organozinc Reagents Part 1 A Simple Synthesis of 2,2-Dichloro-3,3,3-trifluoropropanol. **1986**, 69, 881-886 27
- 1635 Kupplung von Peptiden mit C-terminalen  $\alpha,\beta$ -disubstituierten  $\beta$ -Aminosäuren via Oxazol-5(4H)-one. **1986**, 69, 1153-1162 74
- 1634 Desoxy-nitrozucker. 13. Mitteilung. Herstellung ungeschützter und partiell geschützter 1-Desoxy-1-nitro-D-aldosen sowie Röntgenstrukturanalysen einiger ihrer Vertreter. **1986**, 69, 1172-1190 15
- 1633 Poly(dipeptamidinium)-Salze: Definition und Methoden zur präparativen Herstellung. **1986**, 69, 1224-1262 25
- 1632 Diels-Alder Approach to Highly Functionalized Tertiary  $\beta$ -Hydroxy Ketones: A Novel Route to the Hexahydrobenzofuran Portion of the Avermectins and Milbemycins. **1986**, 69, 1273-1286 38
- 1631 Synthese von (Methylthio)penam-Derivaten durch Ketten-Addition an 4,5-Dihydro-5-(methylthio)-1,3-thiazole. **1986**, 69, 1424-1434 8
- 1630 Deoxy-nitrosugars. 16th Communication. Synthesis of N-acetyl-4-deoxyneuraminic acid. **1986**, 69, 1535-1541 24
- 1629 Generation and Reactions of Lithiated tert-Butyl and 2,6-Di(tert-butyl)-4-methylphenyl Cyclopropanecarboxylates. **1986**, 69, 1655-1665 34
- 1628 Enantiomerenreine Pyrrolidin-Derivate aus trans-4-Hydroxy-L-prolin durch elektrochemische oxidative Decarboxylierung und Titan-tetrachlorid-vermittelte Umsetzung mit Nucleophilen. **1986**, 69, 1704-1710 81
- 1627 Synthetic applications of electrochemically produced  $\beta$ -methoxyamides. Part 2. Oxidation of hydroxyproline derivatives. **1986**, 69, 1711-1717 35
- 1626 1,3-Butadienyl-thiocyanate in der Diels-Alder-Reaktion mit anschließender [3,3]-sigmatroper Umlagerung. **1986**, 69, 1898-1915 11

1625	Stereochemical Analysis of an Aromatic Triplet Di- $\pi$ -methane Rearrangement. <b>1986</b> , 69, 1936-1958	9
1624	Intermolecular [4 + 2]-Cycloadditions of Nitroalkenes with Cyclic Olefins. Transformations of Cyclic Nitronates. <b>1986</b> , 69, 1971-1989	41
1623	New Sesquiterpenoids from Cabreuva Oil. <b>1986</b> , 69, 2026-2037	14
1622	Isolation of optically pure ( $\beta$ -linalyl acetate from clary sage, <i>Salvia dominica</i> L., Lavender and Lavandin. <b>1986</b> , 1, 121-124	10
1621	Synthese von 6-C-Azi-6-desoxy-D-glucose und -D-galactose für die Photoaffinitätsmarkierung von kohlenhydratbindenden Proteinen. <b>1986</b> , 1986, 525-532	4
1620	Enzym-katalysierte asymmetrische Synthese, IV. Synthese homochiraler Bausteine für die enantioselektive Totalsynthese von Cyclopentanoiden mit Esterase-katalysierter asymmetrischer Schlüsselreaktion. <b>1986</b> , 1986, 687-716	52
1619	<sup>13</sup> C-NMR-Untersuchung von Taxin B aus <i>Taxus baccata</i> L.. <b>1986</b> , 1986, 1147-1151	20
1618	Enantioselektive Synthese von Cyclopentanoiden, II. Asymmetrische Synthese eines neuen homochiralen Prostaglandin-Bausteins via Brückenkopf-Enolate mit Bicyclo[3.3.0]octan-Gerüst. <b>1986</b> , 1986, 1179-1212	13
1617	Darstellung von Nucleosidanalogen aus Glycosylaziden, 4. Synthese von ara-Tetrazolnucleosiden. <b>1986</b> , 1986, 1736-1748	6
1616	Reaktionen eines Thieno[3,4-c]isothiazols mit 1,2,4-Triazol-3,5-dionen und Alkinen. <b>1986</b> , 1986, 1796-1803	4
1615	Indole und Indolalkaloide, XXI. Darstellung von 4-(Acetylamino)-1,2,3,9a-tetrahydrocarbazol-Derivaten durch [4+2]-Cycloadditionen an 3-Indolyl-enimiden und -enamiden. <b>1986</b> , 1986, 2065-2080	5
1614	Totalsynthese des Makrodiolids (+)-Conglobatin. <b>1986</b> , 1986, 2081-2103	24
1613	Strukturelle Abwandlungen an N-Acetylneuraminsäure, 5(1) Zur Transformation der Carboxylgruppe von N-Acetylneuraminsäure in die Tetrazol-Gruppe. <b>1986</b> , 1986, 2104-2111	5
1612	Synthesis of tritium-labelled cembrene-A. <b>1986</b> , 23, 377-382	5
1611	Synthesis of carbon-14 labeled doxylamine succinate. <b>1986</b> , 23, 527-532	0
1610	Synthesis of <sup>14</sup> C-labelled leukotriene receptor antagonists: 5-Substituted-4,6-dithianonanedioic acid derivatives. <b>1986</b> , 23, 625-636	1
1609	A practical preparative scale synthesis of d/l-6-fluorodopa. <b>1986</b> , 23, 1019-1028	10
1608	Purification procedures for synthetic dyes: Part 1 Dry column chromatography. <i>Dyes and Pigments</i> , <b>1986</b> , 7, 397-405	4.6 6

1607	Purification procedures for synthetic dyes: Part 2—countercurrent chromatography. <i>Dyes and Pigments</i> , <b>1986</b> , 7, 407-417	4.6	11
1606	Synthese von 6-Alkyl-, 6-Aryl- und 6-Heteroaryl-2,4-dichlor-1,3,5-triazinderivaten und ihre Verwendung als Reaktivsysteme für Baumwoll-Reaktivfarbstoffe. <i>Dyes and Pigments</i> , <b>1986</b> , 7, 419-443	4.6	2
1605	Inhibition of chymotrypsin by phosphonate and phosphoramidate peptide analogs. <b>1986</b> , 14, 356-377		62
1604	Sesquiterpene biosynthesis: The biosynthesis of quadron and terrecyclic acid. <b>1986</b> , 14, 417-428		6
1603	Photochemistry of Coumarin laser dyes: the role of singlet oxygen in the photo-oxidation of Coumarin 311. <b>1986</b> , 35, 33-46		17
1602	Modular automation in PET tracer manufacturing: application of an autosynthesizer to the production of 2-deoxy-2-[18F]fluoro-D-glucose. <b>1986</b> , 37, 1045-61		12
1601	Acetyl substitution of the cyclopentadienyl ligand in molybdenum complexes; nucleophilic additions to coordinated allyl groups. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 317, 215-232	2.3	19
1600	Über polygermane. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 301, 27-40	2.3	48
1599	(-)-N-formylnorephedrine from <i>Catha edulis</i> . <b>1986</b> , 25, 2241-2242		7
1598	Isolation of naturally occurring capsaicinoids by reversed-phase low-pressure liquid chromatography. <b>1986</b> , 367, 267-270		11
1597	A new method for the preparation of acylated glycosylamines and their transformations into glycosyl isothiocyanates and N,N'-diglycosylthioureas. <i>Carbohydrate Research</i> , <b>1986</b> , 154, 280-288	2.9	49
1596	A facile procedure for regioselective 1-O-deacylation of fully acylated sugars with sodium methoxide. <i>Carbohydrate Research</i> , <b>1986</b> , 156, 241-246	2.9	27
1595	Cancer oriented ketonucleosides: synthesis of 7-[6-O-(5-carboxypentyl)-3,4-dideoxy- and 3,4-dideoxy-6-O-(6-hydroxyhexyl)-beta-D-glycero-hex-3-enopyranosyl-2-ulosyl]theophyllines and their coupling with cancer-specific proteins. <i>Carbohydrate Research</i> , <b>1986</b> , 156, 256-63	2.9	6
1594	2-acetamido-2-deoxy-3,6:4,5-di-O-isopropylidene-D-glucose diethyl dithio-acetal and its single-crystal X-ray analysis. <i>Carbohydrate Research</i> , <b>1986</b> , 152, 274-278	2.9	0
1593	Spiro-indans from <i>Cannabis sativa</i> . <b>1986</b> , 25, 1992-1994		8
1592	A C31-secodammarane-type triterpenic acid, 12-deoxy alnustic acid, from the female flowers of <i>Alnus pendula</i> . <b>1986</b> , 25, 1243-1244		14
1591	Dianellidin, stypanrol and dianellinone: An oxidation-related series from <i>dianella revoluta</i> . <b>1986</b> , 25, 1245-1247		11
1590	An haustoria inducer for the root parasite <i>Agalinis purpurea</i> . <b>1986</b> , 25, 2291-2298		21

1589	On the possible role of qinghao acid in the biosynthesis of artemisinin. <b>1986</b> , 25, 2777-2778	34
1588	1,5-Dicarbonyl compounds. <b>1986</b> , 42, 4777-4786	48
1587	Synthesis with sulfones XLIV Stereoselective preparation of EE 1,3-dienes by elimination of benzenesulfinic acid from E homoallylic sulfones.. <b>1986</b> , 42, 4807-4816	26
1586	Syntheses with sulfones XLVI : stereoselective preparation of 2- benzenesulfonyl-1,3-dienes and 2-benzenesulfonyl-1,4-dienes. <b>1986</b> , 42, 5329-5336	38
1585	Syntheses with cyclobutadienes -15. Prismane / dewar benzene isomerization- x-ray crystal structure of tert-butyl 3,4,5-tri-tert-butyl-2,6-bis(trifluoromethyl)prismane-1-carboxylate. <b>1986</b> , 42, 5341-5353 <sup>21</sup>	21
1584	Studies on the synthesis of indole alkaloids of condylocarpine type. C-4 alkylation of the 1-alkyl-3-(hydrazono)-2-piperidone system. <b>1986</b> , 42, 1501-1509	3
1583	Synthesis of imidazo [4.5-c] pyridine and imidazo [4,5-d][1,2] diazepine systems and their ribonucleosides. <b>1986</b> , 42, 1511-1528	7
1582	Isotope labelling in ring a of gibberellin a 20. <b>1986</b> , 42, 3203-3214	14
1581	The intramolecular diels-alder reactions of (E)- and (Z)-methyl 5-12-methyl-4-(triethylsilyloxy)-2,4-cyclopentadienyl]-2-pentenoate. A stereoselective synthesis of (-)-sativene. <b>1986</b> , 42, 3277-3290	22
1580	Cross-coupling of 2-chlorobenzoxazole with $\beta$ -unsaturated grignard reagents: regioselective synthesis of 2-allyl-, 2-allenyl-, and 2-propargyl-benzoxazoles. <b>1986</b> , 42, 3905-3911	5
1579	Models of folate coenzymes 16. <b>1986</b> , 42, 3921-3930	8
1578	Preparation and pyrolysis of substituted ethanoanthracenes - a general synthesis of 2,3-disubstituted anthracenes. <b>1986</b> , 42, 3943-3956	6
1577	Calixarenes 12. <b>1986</b> , 42, 1633-1640	432
1576	Single and double bridged viologenes and intramolecular pimerization of their cation radicals. <b>1986</b> , 42, 1665-1677	148
1575	Synthesis and degenerate cope rearrangement of 2,6-diphenylbarbaralane. <b>1986</b> , 42, 1805-1813	30
1574	Stereochemistry of [3.3]-sismatropic rearrangements in the oxazole series. <b>1986</b> , 42, 2063-2074	28
1573	Selective reduction of the distant double bond(s) in geranyl, farnesyl and geranyl geranyl derivatives. <b>1986</b> , 42, 4991-5002	11
1572	An enolate claisen route to c-pyranosides. <b>1986</b> , 42, 2787-2801	43

- 1571 Silicon-directed nazarov cyclizations-IV. **1986**, 42, 2821-2829 42
- 1570 Diels-alder cyclization of 2,8,10-undecatrienals as a route to 1,2,3,4,4a,5,6,8a-octahydronaphthalenes. **1986**, 42, 2893-2902 28
- 1569 The photochemistry of 1-alkenylbenzotriazoles. **1986**, 42, 2985-2991 42
- 1568 Thermally initiated reactions of (z)-epoxyhexenyne a facile preparation of 3,4-annulated furans. **1986**, 42, 2221-2234 29
- 1567 Ethylidyne alkynes from isopropylidene olefins. **1986**, 27, 267-270 19
- 1566 Reactivity of (3-chloro-2-methylenecycloalkyl)palladium chloride dimers: Nucleophilic attack by one or two equivalents of malonate anion.. **1986**, 27, 2345-2348 15
- 1565 Reactions of enol silyl ethers with N-halosuccinimide - a stepwise process. **1986**, 27, 2563-2566 28
- 1564 Synthesis of two key intermediates required for the construction of the bis-spiroacetal moiety of epi-17-deoxy-(08)-salinomycin. **1986**, 27, 3311-3314 18
- 1563 Total synthesis of (-)-anatoxin-a via N-acyliminium intermediates. **1986**, 27, 4799-4802 45
- 1562 Bislactonizations of olefinic diacids with [hydroxy(tosyloxy)iodo]benzene. **1986**, 27, 5437-5440 21
- 1561 Functionalized oxazoles from rhodium-catalyzed reaction of dimethyl diazomalonate with nitriles. **1986**, 27, 5559-5562 73
- 1560 Not the enolate Claisen rearrangement. A surprising route to the light-winged indanomycin (X-14547A). **1986**, 27, 6295-6298 17
- 1559 Halofluorination of olefins: elucidation of reaction characteristics and applications in labeling with the positron-emitting radionuclide fluorine-18. **1986**, 31, 99-113 32
- 1558 Synthèse de diènes-1,4 fonctionnalisés par addition de zinciques allyliques fonctionnalisés sur des alcynes vrais et leur cyclisation en hétérocycles ou carbocycles. *Journal of Organometallic Chemistry*, **1986**, 309, 1-23 2.3 37
- 1557 Chemical induction of larval settlement and metamorphosis in the reef-building tube worm *Phragmatopoma californica* (Sabellariidae: Polychaeta). **1986**, 91, 59-68 86
- 1556 Synthesis of retinals isotopically labelled at positions 11, 12, 14 and 20. **1986**, 105, 92-98 17
- 1555 Synthesis and insecticidal activity of 3-(haloalkyl-1,3-dienyl)-2,2-dimethylcyclopropanecarboxylates. **1986**, 17, 621-630
- 1554 Prostaglandins and Prostaglandin Intermediates. XVII [1]. Synthesis of the Main Metabolite of the PGF<sub>2</sub> Analogue Cloprostenol. **1986**, 328, 435-440 3

- 1553 Partialsynthesen von Cardenoliden und Cardenolid-Analogen. X. Synthese 22-O-substituierter Cardenolide sowie Untersuchungen über den oxidativen Abbau von Cardenoliden mit Kaliumpermanganat. **1986**, 328, 682-694 6
- 1552 Glykosylazide als Ausgangsbasis zur Gewinnung von Nucleosidanalogen, 3. Mitt. Synthese von Alkylaminotetrazol- und Uretidinonucleosiden. **1986**, 117, 1437-1460 12
- 1551 Methoden zur Darstellung von 4-Azido-2(1H)-chinolonen. **1986**, 117, 1305-1323 40
- 1550 A new approach to 6-deoxy-D-allofuranose- and 6-deoxy-L-talofuranose derivatives from 1,2:5,6-di-O-isopropylidene  $\beta$ -D-glucofuranose. **1986**, 117, 1325-1338 13
- 1549 Die Acetalgruppe, 1. Mitt. Acetale von Halogenmethyl-arylcarbinolen. **1986**, 117, 407-419 8
- 1548 Synthesis of diastereomeric mixture of 15,19,23-trimethylheptatriacontane, contact sex pheromone of tsetse fly, *Glossina morsitans morsitans* westwood. **1986**, 12, 127-33 5
- 1547 Chemical identification and behavioral characterization of male wing pheromone of *Epehestia elutella* (Pyralidae). **1986**, 12, 135-46 28
- 1546 Synthesis of pungenin, a foliar constituent of some spruce species, and investigation of its efficacy as a feeding deterrent for spruce budworm [*Choristoneura fumiferana* (Clem.)]. **1986**, 12, 251-60 14
- 1545 Minor compounds of the oleoresin of the Kamchatka, Japanese, and Siberian larches. **1986**, 22, 536-541 1
- 1544 Pinosylvin and pinosylvin methyl ether as feeding deterrents in green alder. **1986**, 12, 2117-31 60
- 1543 Binding and hydrolysis of radiolabeled pheromone and several analogs by male-specific antennal proteins of the moth *Antheraea polyphemus*. **1986**, 12, 323-33 33
- 1542 Scale esterase: A pheromone-degrading enzyme from scales of silk moth *Antheraea polyphemus*. **1986**, 12, 469-82 43
- 1541 Metabolism of pheromone components and analogs by cuticular enzymes of *Choristoneura fumiferana*. **1986**, 12, 483-96 15
- 1540 Isolation and purification of azadirachtin from neem (*Azadirachta indica*) seeds using flash chromatography and high-performance liquid chromatography. **1986**, 356, 220-226 57
- 1539 A synthetic approach to the trichothecene deoxynivalenol. **1986**, 42, 3137-3146 21
- 1538 Characterization of new oxidation products of the perchlorate salt of the methadone metabolite, (-)-2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP). **1986**, 42, 245-248 3
- 1537 Synthesis of [4.4.5.5]fenestrane. **1986**, 42, 1549-1553 11
- 1536 Asymmetric reduction of farnesol. **1986**, 42, 5003-5010 5

- 1535 Organometallic reagents in synthesis. **1986**, 42, 2957-2969 68
- 1534 1,2-bis(4-Hydroxyphenyl)-3,4-dihydro-6-hydroxynaphthalene, a photofluorogenic ligand for the estrogen receptor. **1986**, 43, 121-6 15
- 1533 Formation of 4,8-DiMeIQx from the model system fructose, alanine and creatinine. Comparison with the isomeric 5,8-DiMeIQx. **1986**, 174, 5-9 9
- 1532 Synthesis and pharmacological properties of  $\beta$ -homoanalogs of 11-desoxyprostaglandin E1. **1986**, 20, 249-253
- 1531 Zur Analytik mikrobiocider Isothiazolone. **1986**, 325, 293-296 5
- 1530 [Preservatives based on methylisothiazolones in cosmetic products--theory and analysis]. **1986**, 183, 273-89 10
- 1529 Two geometrical isomers of linoleic acid: improved total syntheses. **1986**, 21, 178-81 10
- 1528 Moderate changes in linoleate intake do not influence the systemic production of E prostaglandins. **1986**, 21, 181-181
- 1527 Practical liquid chromatographic separation of the phenols in technical cashew nutshell liquid from *Anacardium occidentale*. **1986**, 21, 241-246 22
- 1526 Reactivity of pyrazolo[4,3-c][1,2,5]oxadiazin-3(5H)-ones toward C-nucleophiles: Synthesis of pyrazolo[3,4-b]pyrazines. **1986**, 23, 585-588 7
- 1525 Synthesis of imidazo[1,5-c]pyrimidine derivatives. **1986**, 23, 981-987 5
- 1524 Heterocyclic rearrangements. Synthesis of 1,2,4-oxadiazolo[2,3-a]pyrimidinium systems and their ring opening into pyrimidine N-oxides. **1986**, 23, 1175-1177 12
- 1523 Synthesis of 9-(2-fluorobenzyl)-6-methylamino-9H-purine. **1986**, 23, 1189-1193 2
- 1522 The reaction of pyridazinones with nucleophiles. An unusual reaction with cyanide. **1986**, 23, 1515-1517 3
- 1521 Pyrrolopyridine analogs of nalidixic acid. 1. Pyrrolo[2,3-b]pyridines. **1986**, 23, 1555-1560 13
- 1520 Pyrrolopyridine analogs of nalidixic acid. 2. Pyrrolo[3,4-b]pyridines. **1986**, 23, 1561-1564 6
- 1519 Reaction of benzamide oxime with DCC. **1986**, 23, 1657-1660 10
- 1518 Effects of lipid composition on the association of plasma proteins with lipid emulsions. **1986**, 113, 414-420 8



1517	Stereocontrolled routes to cis-hydroxyamino sugars, Part VII: Synthesis of daunosamine and ristosamine. <i>Carbohydrate Research</i> , <b>1986</b> , 150, 111-9	2.9	20
1516	Synthesis of some derivatives of 6-amino-1,5-anhydro-6-deoxy-D-glucitol and 2-amino-1,5-anhydro-2-deoxy-D-glucitol. <i>Carbohydrate Research</i> , <b>1986</b> , 150, 121-31	2.9	4
1515	Synthesis of 2,6-anhydro-S-[ethylmercury(II)]-1-thio-D-glycero-L-manno-heptitol+ ++ and bis(2,6-anhydro-1-thio-D-glycero-L-manno-heptitol)mercury(II), and the study of their interaction with beta-D-galactosidase from <i>E. coli</i> . <i>Carbohydrate Research</i> , <b>1986</b> , 158, 91-9	2.9	3
1514	Lyotropic liquid crystalline phase behaviour of a monomeric and a polymeric monosaccharide amphiphile in aqueous solution. <b>1986</b> , 264, 786-790		19
1513	A Convenient Synthesis of the Important Retinoid Synthone Ethyl trans-3-formyl-2-butenolate. <b>1986</b> , 16, 627-631		9
1512	Adducts of Anthrahydroquinone and Anthranol with Lignin Model Quinone Methides. 9,10-13C Labelled Anthranol-Lignin Adducts; Examination of Adduct Formation and Stereochemistry in the Polymer. <b>1986</b> , 6, 73-88		2
1511	Synthesis and mutagenicity of 1-nitro-6-nitrosopyrene and 1-nitro-8-nitrosopyrene, potential intermediates in the metabolic activation of 1,6- and 1,8-dinitropyrene. <b>1986</b> , 7, 65-70		52
1510	Synthesis and mutagenicity of 1-nitropyrene 4,5-oxide and 1-nitropyrene 9,10-oxide, microsomal metabolites of 1-nitropyrene. <b>1986</b> , 1, 433-8		31
1509	Benzophenone-ATP: a photoaffinity label for the active site of ATPases. <b>1986</b> , 126, 667-82		31
1508	Nucleosides 137. Synthetic Modifications at the 2-Position of Pyrrolo[3,2-D]Pyrimidine and Thieno[3,2-D]Pyrimidine C-Nucleosides, Synthesis of 2-Deoxy-9-Deazadenosine and of 2-Deaza ARA-A. <b>1986</b> , 5, 539-569		19
1507	The Synthesis and Mesomorphic Properties of Liquid Crystals Containing Three-membered Ring Systems. <b>1986</b> , 133, 85-96		10
1506	Silver Zeolite as Promoter in Glycoside Synthesis. The Synthesis of 2-Deoxy-β-D-Glycopyranosides. <b>1986</b> , 5, 59-65		30
1505	Activity of compound G2 isolated from alfalfa roots against medically important yeasts. <b>1986</b> , 30, 290-4		28
1504	Syntheses of (1,2-13C), (1-13C) and (3-13C) Coniferyl Alcohol. <b>1986</b> , 40, 369-373		15
1503	Preparation of base-modified nucleosides suitable for non-radioactive label attachment and their incorporation into synthetic oligodeoxyribonucleotides. <b>1987</b> , 15, 4857-76		86
1502	Chemical Studies of Pheromone Reception and Catabolism. <b>1987</b> , 473-527		20
1501	The synthesis of oligonucleotides containing a primary amino group at the 5'-terminus. <b>1987</b> , 15, 3131-9		114
1500	Pd(0)-Mediated Cross-Coupling of Reformatsky Reagents with Vinyl and Aryl Triflates. <b>1987</b> , 17, 1389-1402		24

- 1499 Caesium-Assisted Cyclization of Large Polyether Hexa- and Octaester Pyrazolic Crowns. **1987**, 17, 105-110 6
- 1498 A Diels-Alder Approach to 4,4?-Ihiobis-(Phihalic Acid) Derivatives. **1987**, 17, 1053-1062 2
- 1497 Photochemical Reactions of Contact Charge-Transfer Pairs of 1-Arylcyclohexenes and Oxygen. **1987**, 60, 3331-3336 17
- 1496 A Preparative Method of DL-threo-3-Isopropylmalic Acid and DL-threo-[2-2H]-3-Isopropylmalic Acid. **1987**, 16, 1745-1748 8
- 1495 Synthesis, antimicrobial evaluation and structure-activity relationships within 23-modified derivatives of 5-O-mycaminosyltylonolide. **1987**, 40, 823-42 6
- 1494 [Synthesis of optically active oxazolo[3,2-a]piperidines from enamides]. **1987**, 320, 1161-7 2
- 1493 Asymmetrische  $\beta$ -Amidoalkylierung: Synthesen enantiomerenreiner  $\beta$ -substituierter Piperidine mit 1-Camphanoyl-1,2,3,4-tetrahydropyridin. **1987**, 320, 1253-1267 11
- 1492 Pd/C-katalysierte Doppelbindungsisomerisierung von N-Acylallylaminen zu N-Acylenaminen. **1987**, 320, 1050-1058 7
- 1491 The inhibition of insect juvenile hormone esterase by trifluoromethylketones: Steric parameters at the active site. **1987**, 29, 266-277 29
- 1490 An Efficient Method for Conversion of Carboxylic Acid Derivatives to Allylsilanes<sup>1</sup>. **1987**, 17, 621-635 27
- 1489 Isotopically sensitive branching in the formation of cyclic monoterpenes: proof that (-)- $\alpha$ -pinene and (-)- $\beta$ -pinene are synthesized by the same monoterpene cyclase via deprotonation of a common intermediate. **1987**, 26, 5383-9 66
- 1488 High Performance Liquid Chromatography of Phytoalexins. **1987**, 121-148 1
- 1487 Chapter 1 Strategies for Successful Preparative Liquid Chromatography. **1987**, 38, 1-103 2
- 1486 Chapter 5 Preparative Liquid Chromatography For The Synthetic Chemist. **1987**, 38, 183-201
- 1485 S-(HYDROXYMETHYL) 4-HYDROXYPHENYL SULFIDES: SYNTHESIS AND SELECTED CHEMISTRY OF SOME STABLE HEMIMERCAPTALS. **1987**, 29, 67-71 5
- 1484 DIASTEREOSELECTIVITY IN THE ALKYLATION OF CHIRAL 2-AMINOMETHYL-1,3,2-DIOXAPHOSPHORINANE 2-OXIDES. **1987**, 33, 1-14 15
- 1483 Low-temperature, polysulfide reactions of conjugated ene carbonyls: A reaction model for the geologic origin of S-heterocycles. **1987**, 11, 563-571 73
- 1482 Several unexpected marine sterols in a freshwater sediment. **1987**, 11, 215-219 26

1481	On the role of N-7-mercaptoheptanoyl-O-phospho-L-threonine (component B) in the enzymatic reduction of methyl-coenzyme M to methane. <b>1987</b> , 220, 358-62		35
1480	The metabolism of 19-nor contraceptive progestins modulates their biological activity at the neuroendocrine level. <b>1987</b> , 27, 657-63		29
1479	Synthesis, biologic activity, and protein binding characteristics of a new vitamin D analog, 22-hydroxyvitamin D3. <b>1987</b> , 28, 147-53		3
1478	Desmethylnafoxidine aziridine: an electrophilic affinity label for the estrogen receptor with high efficiency and selectivity. <b>1987</b> , 28, 233-45		7
1477	Identification of identical binding polypeptides for cephalosporins and dipeptides in intestinal brush-border membrane vesicles by photoaffinity labeling. <b>1987</b> , 905, 65-74		37
1476	The influence of unsaturation on the phase transition temperatures of a series of heteroacid phosphatidylcholines containing twenty-carbon chains. <b>1987</b> , 902, 1-10		50
1475	A one-step method for the preparation of 2-pyridyl 2-deoxy-1-thiohexopyranosides from glycal esters. <i>Carbohydrate Research</i> , <b>1987</b> , 168, 136-140	2.9	8
1474	The development of amine substituted analogues of MPTP as unique tools for the study of MPTP toxicity and Parkinson's disease. <b>1987</b> , 40, 697-704		20
1473	Enantioselective hydrolysis of esters and the oxidation of aromatic-aliphatic alcohols obtained therefrom by Spirodela oligorrhiza. <b>1987</b> , 26, 1001-1004		21
1472	Furanolates 1. A General Preparation of Alkyl Furyl Carbonates. <b>1987</b> , 17, 1035-1039		1
1471	Synthesis of trimethacarb hydroxymethyl metabolites and corresponding glucoside derivatives. <b>1987</b> , 35, 836-841		2
1470	Application of droplet countercurrent chromatography to the analysis of conjugated forms of terpenoids, phenols, and other constituents of grape juice. <b>1987</b> , 35, 519-524		81
1469	3-(D-Erythro-Trihydroxypropyl)-1-Neopentyl Pyrrole-2-Carboxaldehyde. A Novel Nonenzymatic Browning Product of Glucose. <b>1987</b> , 6, 553-568		21
1468	Submerged Fermentation of <i>Penicillium paxilli</i> Biosynthesizing Paxilline, a Process Inhibited by Calcium-induced Sporulation. <b>1987</b> , 133, 3109-3119		
1467	Syntheses of homologous omega-aminated 1-methoxyalkyl beta-D-glucopyranosides as potential beta-D-glucosidase inhibitors. <i>Carbohydrate Research</i> , <b>1987</b> , 169, 53-67	2.9	4
1466	Detection of D-glucose-derived pyrrole compounds during Maillard reaction under physiological conditions. <i>Carbohydrate Research</i> , <b>1987</b> , 167, 211-20	2.9	111
1465	Identification of trail pheromone of larva of eastern tent caterpillar <i>Malacosoma americanum</i> (Lepidoptera: Lasiocampidae). <b>1987</b> , 13, 397-402		27
1464	Lyotropic liquid crystalline phase behavior of a polymeric amphiphile polymerized via their hydrophilic ends. <b>1987</b> , 265, 304-311		37

1463	Effect of nitrogen fertilization upon the secondary chemistry and nutritional value of quaking aspen ( <i>Populus tremuloides</i> Michx.) leaves for the large aspen tortrix ( <i>Choristoneura conflictana</i> (Walker)). <b>1987</b> , 73, 513-517	202
1462	1,4-Diastereoselectivity in the addition of allylstannanes to 1-alkyl-2-oxocyclohex-3-eneacetic acid methyl esters. <b>1987</b> , 28, 1483-1485	10
1461	3-O-Malonylbetulafolientriol oxide I from <i>Betula nana</i> subsp. <i>exilis</i> . <b>1987</b> , 26, 855-856	12
1460	Aromatic annulation with bisphenylthionium ions. <b>1987</b> , 43, 1847-1856	11
1459	The reaction of carbohydrate-derived alkoxyaldehydes with methoxycarbonylmethylenetriphenylphosphorane: stereoselective synthesis of $\beta$ -unsaturated esters. <b>1987</b> , 43, 1895-1901	58
1458	Determination of the stereochemistry of 1-substituted 3-aryltetrahydroisoquinolines by $^1\text{H}$ NMR spectroscopy. <b>1987</b> , 43, 1943-1948	22
1457	Organopalladiques issus des esters d'alcools $\beta$ -alléniques : réactions avec les anions délocalisés. <b>1987</b> , 43, 3441-3452	33
1456	Formation de dérivés cyclopenténiques et vinylcyclopropaniques lors de la carbopalladation de diesters et d' $\beta$ -sulfonylestères alléniques. <b>1987</b> , 43, 3453-3463	32
1455	The synthesis of aryl substituted analogues of phenoxyacetyl-L-cysteinyl-D-valine and phenylacetyl-L-cysteinyl-D-valine. <b>1987</b> , 43, 2565-2575	29
1454	Mixed anhydrides in peptide synthesis. Influence of the solvent and the amine on the racemization of dmet residue of an enkephalin sequence. <b>1987</b> , 43, 4031-4034	5
1453	Novel applications of the modified polonovski reaction-IX. <b>1987</b> , 43, 2135-2146	26
1452	High pressure approach to the total synthesis of 6-EPI--purpurosamine b. <b>1987</b> , 43, 3063-3066	33
1451	Cycloadditions of substituted benzopyran-4-ones to electron-rich dienes: a new route to xanthone derivatives. <b>1987</b> , 43, 3075-3082	50
1450	Nouvelle voie d'accès aux composés carbonyles $\beta$ -alléniques. <b>1987</b> , 43, 2721-2732	15
1449	Reaction of quinoxalines with $\beta$ -unsaturated grignard reagents. <b>1987</b> , 43, 2769-2778	6
1448	Stereochemical control of nature's biosynthetic pathways: A general strategy for the synthesis of polypropionate-derived structural units from a single chiral progenitor. <b>1987</b> , 43, 5055-5072	90
1447	Volatile constituents of balsam poplar: The phenol glycoside connection. <b>1987</b> , 26, 1361-1366	38
1446	Secalonic acid a, a vivotoxin in pink root-infected onion. <b>1987</b> , 26, 1599-1602	8

1445	Synthesis of four n-alkanes with terminal dipolar substituents. <b>1987</b> , 43, 115-122	13
1444	Mitomycin analogs I. Indoloquinones as (potential) bisalkylating agents. <b>1987</b> , 43, 255-262	79
1443	Reaction of $\beta$ -nitrostyrenes with benzene catalyzed by trifluoromethanesulfonic acid. Formation and reaction of n,n-dihydroxyiminium-benzyl dications. <b>1987</b> , 43, 297-305	21
1442	Carbopalladation of allenic hydrocarbons.. <b>1987</b> , 43, 513-526	58
1441	Syntheses with sulfones XLVII : stereoselective access to 1,3- and 1,4-dienes through hydrogenolysis of benzenesulfonyldienes. Application to pheromone synthesis. <b>1987</b> , 43, 859-872	21
1440	Oxidative cyclisation of germacrone. <b>1987</b> , 43, 4425-4432	8
1439	Exceptional stereochemical control in the Pictet-Spengler reaction. <b>1987</b> , 28, 5177-5180	42
1438	A stereocontrolled synthesis of a novel prostacyclin analog $\beta$ llene-carbacyclin□Application of molecular mechanics calculations to organic synthesis.. <b>1987</b> , 28, 299-302	14
1437	An efficient synthesis of $\alpha$ -amino- $\beta$ -ketoalkylphosphonates from $\beta$ -amino acids. <b>1987</b> , 28, 611-612	20
1436	A new method for the synthesis of dioxolenones the carboxylation of ketone enolates with anisyl cyanofornate. <b>1987</b> , 28, 1051-1054	10
1435	Stereocontrolled one-pot conversions of $\beta$ -alkoxy esters to syn- and anti-1,2-diol derivatives. <b>1987</b> , 28, 3905-3906	40
1434	Remote $\beta$ anions-I. Utility of 4-phenylsulfonylbutanoic acid in the mild conversion of aldehydes and ketones to lactones.. <b>1987</b> , 28, 4243-4246	16
1433	Enantioselective dehydrohalogenation via asymmetric deprotonation by chiral lithium amides: Deracemization of a compound bearing a chiral axis. <b>1987</b> , 28, 5517-5520	24
1432	Stereochemical studies of the skipped-polyol polyene macrolide class: Degradation and partial structure determination of mycoticin A and B.. <b>1987</b> , 28, 6001-6004	26
1431	Bacteriorhodopsin: The influence of the cyclohexene-ring methyls. <b>1987</b> , 106, 112-119	16
1430	DoseResponse effects of one subfraction of Desmodium adscendens aqueous extract on antigen- and arachidonic acid-induced contractions of guinea-pig airways. <b>1987</b> , 1, 180-186	8
1429	Resin acids of the oleoresins of conifers growing in Transcarpathia. <b>1987</b> , 23, 173-175	0
1428	Characterization of decomposition products of maytansine. <b>1987</b> , 76, 738-43	8

- 1427 Strukturelle Abwandlungen an N-Acetylneuraminsäure, 6. Synthesen von 7-Oxo- und 8-Oxo-N-acetylneuraminsäure-Derivaten. **1987**, 1987, 39-43 11
- 1426 Reaktionen von N-Sulfinylaminen und Sulfinen mit Inaminen. **1987**, 1987, 189-192 7
- 1425 Pheromone, 57. Synthese Methylen-unterbrochener Lepidopteren-Polyenpheromone und Strukturanaloger. Acetylsynthese, Wittig-Reaktion und Kolbe-Elektrolyse. **1987**, 1987, 417-422 17
- 1424 Reaktionen von elektronenreichen Heterocyclen mit Orthocarbonyl-Derivaten, 10. Formylierungs- und Alkylierungsreaktionen von Carbazolen mit ambidenten Dialkoxycarbenium-tetrafluorboraten. **1987**, 1987, 509-513 7
- 1423 Hexahydropyrroloindole Versuche zur Synthese von 2-Indolylthioethern. **1987**, 1987, 901-910 8
- 1422 1,2-Carbonylverschiebung unter Dehydrierung in 1,5-Dimethylbicyclo[3.3.0]octan-3,7-dion. **1987**, 1987, 965-970 9
- 1421 Synthesis of 2R, 4?R, 8?R- $\beta$ -tocopherols selectively labelled with deuterium. **1987**, 24, 817-831 40
- 1420 Synthesis of iodine-125 labeled phorbol ester-a useful gamma-emitting analog of 12-o-tetradecanoylphorbol-13-acetate. **1987**, 24, 1061-1070
- 1419 The Synthesis of 8- $\beta$ -[(Methylsulfinyl-[18O])-methyl]-6-propylergoline. **1987**, 24, 1123-1129 1
- 1418 Synthesis of deuterated optically active verapamil and gallopamil, and of N-13C-methyl-verapamil. **1987**, 24, 1195-1207 1
- 1417 Sulfonyl-Activated Cyclobutenes as Building Blocks for the Synthesis of Dihydrodiazepines. **1987**, 120, 171-175 10
- 1416 The Laticyclic [2 + 2 + 2] Conjugation: PE and UV Spectroscopical Investigation of the Interaction Between Three Parallel  $\pi$ Bonds. **1987**, 120, 195-201 19
- 1415 Zur Regioselektivität 1,4-Dipolarer Cycloadditionen von 3,6-Dihydro-6-oxo-1-pyrimidinium-4-olaten an elektronenreiche und elektronenarme Butatriene. **1987**, 120, 445-447 12
- 1414 Azobriden aus Azinen, VI Substituierte Isopyrazole als elektronenarme Diene zur Synthese von 2,3-Diazabicyclo[2.2.1]heptenen und deren Photoreaktionen. **1987**, 120, 477-483 44
- 1413 2-(Aminothio)acrylamidine aus Schwefeldiimiden und Inaminen mit 3-ständigem Wasserstoff. **1987**, 120, 747-750 2
- 1412 Neue Reaktionen von Schwefeldiimiden mit elektronenreichen und elektronenarmen Alkinen. **1987**, 120, 751-760 10
- 1411 Synthesen mit Cyclobutadienen, 18 Dewar-Benzole aus Tri-tert-butylcyclobutadiencarbonyl-estern und monoakzeptorsubstituierten Acetylenen  $\square$  thermische und photochemische Folgereaktionen. **1987**, 120, 825-838 20
- 1410 Diazoverbindungen, 691) 2-(oder 4-)(Diazomethyl)-2-(oder 4-)H-benzopyrane  $\square$  Synthese durch elektrophile Diazoalkansubstitution und katalytische Zersetzung. **1987**, 120, 1397-1402 8

1409	The Reductive Bond Cleavage of Barbaralane and 2,6-Diphenylbarbaralane. <b>1987</b> , 120, 1481-1490		19
1408	Über die Ozonspaltung von Chloropren und von 2-Chlor-3-methyl-1,3-butadien in Methanol. <b>1987</b> , 120, 1573-1580		7
1407	Pyrolysis Products of Some Pyrazolinodiazepines: Homodiazepines and Pyrazolopyridines. <b>1987</b> , 120, 1783-1789		4
1406	catena-Kondensierte nichtalternierende Kohlenwasserstoffe mit einer Azulen-Zentraleinheit: eine neue Substituenten-gesteuerte Anellierungsreaktion am Azulen-Siebenring <sup>1</sup> ). <b>1987</b> , 120, 2023-2029		4
1405	Synthesis of analogues of 3-deoxy-D-manno-octulosonic acid (KDO) as potential inhibitors of CMP-KDO synthetase. <i>Carbohydrate Research</i> , <b>1987</b> , 166, 233-51	2.9	12
1404	A general approach to the synthesis of 2,3-di-O-protected derivatives of d-glyceraldehyde. <i>Carbohydrate Research</i> , <b>1987</b> , 164, 493-498	2.9	23
1403	A ready route to a functionalized anhydro derivative of 1,6-anhydro- $\beta$ -D-glucopyranose (levoglucosan). <i>Carbohydrate Research</i> , <b>1987</b> , 169, 247-251	2.9	6
1402	Studies of the selective silylation of methyl $\beta$ - and $\beta$ -d-aldohexopyranosides: stability of the partially protected derivatives in polar solvents. <i>Carbohydrate Research</i> , <b>1987</b> , 170, 57-69	2.9	39
1401	Fatty acids, part 31. The preparation and some physical properties of azido fatty esters. <b>1987</b> , 45, 65-74		10
1400	Monoterpenoid chemistry. Part 3.. Stereoselective synthesis of the major oxygenated metabolites of trans-sobrerol. <b>1987</b> , 70, 71-78		7
1399	Addition of Chiral Glycine, Methionine, and Vinylglycine Enolate Derivatives to Aldehydes and Ketones in the Preparation of Enantiomerically Pure $\beta$ -Amino- $\beta$ -Hydroxy Acids. <b>1987</b> , 70, 237-261		179
1398	Syntheses of Diamino-dideoxylyxose Derivatives using Acylnitroso Dienophiles. <b>1987</b> , 70, 554-569		46
1397	Fe(II)-Induced Fragmentation Reaction of $\beta$ -Hydroperoxy- $\beta$ , $\beta$ -enones. Part 1. Synthesis of 13(14- $\delta$ )-abeo-Steroids. <b>1987</b> , 70, 701-716		34
1396	Nucleoside und Nucleotide Teil 27 Festphasensynthese eines Tridecanucleosid-dodecaphosphats, das die unnatürliche Base 4-Amino-2(1H)-pyridinon enthält, und eines Octanucleosid-heptaphosphats zur Untersuchung der DNA-Polymerase-Spezifität. <b>1987</b> , 70, 717-725		3
1395	Chirale Alkoxytitan(IV)-Komplexe für enantioselective nucleophile Additionen an Aldehyde und als Lewis-Säuren in Diels-Alder-Reaktionen. <b>1987</b> , 70, 954-974		238
1394	Strukturaufklärung ungewöhnlicher Umlagerungsprodukte von S-(1-Alkenyl)sulfoximiden mit Hilfe der Stossaktivierungsmassenspektrometrie (CAD-MS). <b>1987</b> , 70, 1041-1049		3
1393	On the Photochemistry of 12,13-Didehydrosqualene. <b>1987</b> , 70, 1095-1103		2
1392	Chemie der $\beta$ -Aminonitrile 1. Mitteilung Einleitung und Wege zu Uroporphyrinogen-octanitriolen. <b>1987</b> , 70, 1115-1172		68

- 1391 Synthese von 4-Benzylthio- und 4-(Arylthio)-1,3-oxazol-5(2H)-onen. **1987**, 70, 1380-1388 7
- 1390 Nucleophile Ringöffnung von  $\beta$ -Nitrocyclopropan-carbonsäure-arylethern mit sterisch geschützter, aber elektronisch wirksamer Carbonyl- und Nitro-Gruppe. Ein neues Prinzip der  $\beta$ -Aminosäure-Synthese (2-Aminobutansäure- $\alpha$ -4-Synthone). **1987**, 70, 1507-1515 30
- 1389 Diastereo- und enantioselective Reduktion von  $\beta$ -Ketoestern mit Cyclopentanon-, Cyclohexanon-, Piperidon- und Tetralon-Struktur durch nicht fermentierende Bäcker-Hefe. **1987**, 70, 1605-1615 93
- 1388 Alkylation of Imidazolidinone Dipeptide Derivatives: Preparation of Enantiomerically Pure Di- and Tripeptides by Chirality Transfer via a Pivalaldehyde N,N-Acetal Center. Preliminary Communication. **1987**, 70, 1930-1936 23
- 1387 A Torquospecific 1,5-Electrocyclization. **1987**, 70, 2087-2097 3
- 1386 Reactions of Chiral 2-(tert-Butyl)-2H,4H-1,3-dioxin-4-ones Bearing Functional Groups in the 6-Position and Diastereoselective Catalytic Hydrogenation to cis-2,6-Disubstituted 1,3-Dioxan-4-ones. **1987**, 70, 2137-2145 23
- 1385 Identification of juvenile hormone III in the hemolymph of *Blattella germanica* adult females by gas chromatography-mass spectrometry. **1987**, 6, 181-189 39
- 1384 Conformational studies of diastereomeric cyclic enkephalins by  $^1\text{H-NMR}$  and computer simulations. **1987**, 26, 1573-86 23
- 1383 Intramolecular C-arylation of 2,3,5-tri-O-benzyl- and 2,3,5-tri-O-(3-methylbenzyl)-pentofuranose derivatives. *Carbohydrate Research*, **1987**, 171, 211-22 2.9 32
- 1382 Synthesis of 2-(d - allo - and d - altro -pentitol-1-yl)pyridines and their 2',5'-anhydro derivatives. *Carbohydrate Research*, **1987**, 170, 240-248 2.9 2
- 1381 Two-photon laser photochemistry of a coumarin laser dye. **1987**, 41, 111-120 3
- 1380 A method for the radiohalogenation of proteins resulting in decreased thyroid uptake of radioiodine. **1987**, 38, 1051-5 118
- 1379 Stereoelectronic model to explain the resolution of enantiomeric ibuprofen amides on the Pirkle chiral stationary phase. **1987**, 402, 179-87 28
- 1378 Nucleophilic substitution at silicon: Synthesis of sterically-hindered bis(2,6-di-*t*-butylaryloxy)silanes. *Journal of Organometallic Chemistry*, **1987**, 328, 263-274 2.3 5
- 1377 Synthèse de ferrocènes hétérodisubstitués à ancrage soufre ou sélénium via un précurseur original  $\text{Fe}(\text{C}_5\text{H}_4\text{ELi})_2, 2\text{THF}$  (E = S, Se). Nouvelle préparation des ferrocènes 1,1'-dithiol et -diséhol. *Journal of Organometallic Chemistry*, **1987**, 332, 165-173 2.3 43
- 1376 Synthesis, cytostatic and trichomonacide activities of 3,5-bis-(halomethyl)pyrazoles. **1987**, 22, 445-451 19
- 1375 Synthesis and biological activity of azasqualenes, bis-azasqualenes and derivatives. **1987**, 22, 199-208 70
- 1374 Flash chromatography: A simple technique of potential value to the food chemist. **1987**, 25, 145-153 12



1373	A novel acyclic addition of ketenes to oxazoles/oxazolines. <b>1987</b> , 24, 505-508	4
1372	A comparison of nucleophilic reactions of 3-benzenesulfonyloxyalloxazine and its 1-methyl analog. <b>1987</b> , 24, 1013-1024	8
1371	A new synthesis of aryl hetaryl ketones via SRN1 reactions of halogenated heterocycles with potassiophenylacetonitrile followed by phase-transfer catalyzed decyanation. <b>1987</b> , 24, 1061-1065	28
1370	On the reaction of 2-chloroethylisothiocyanate with aromatic amines. <b>1987</b> , 24, 1425-1428	18
1369	The rearrangement of 2-amino-5-benzoyloxazoles with dimethylamine. <b>1987</b> , 24, 1485-1486	5
1368	The chemistry and biological significance of saponins in foods and feedingstuffs. <b>1987</b> , 26, 27-135	406
1367	Mutagenicity of chlorine-substituted furanones and their inactivation by reaction with nucleophiles. <b>1987</b> , 6, 935-946	55
1366	Über gebundene Aromastoffe in Pflanzen 2. Mitteilung: Freie und gebundene Aromastoffe in grünem und schwarzem Tee ( <i>Camellia sinensis</i> ). <b>1987</b> , 185, 195-201	14
1365	Characterization of phenolic glycosides from quaking aspen. <b>1987</b> , 15, 677-680	59
1364	L-N-(3,5-Dimethoxybenzoyl)isoleucine chiral stationary phase for separation of enantiomers by HPLC. <b>1987</b> , 24, 655-658	5
1363	Utilization of flash chromatography for the fractionation of coal derived liquids. <b>1987</b> , 23, 179-183	12
1362	Phospholipid studies of marine organisms: 14. Ether lipids of the sponge <i>Tethya aurantia</i> . <b>1987</b> , 22, 236-40	19
1361	Synthesis of polyacenequinones a benzo[2,3-c]furan. <b>1987</b> , 43, 3681-3688	14
1360	Regiochemical diversity in allylic alkylations via molybdenum catalysts. <b>1987</b> , 43, 4817-4840	43
1359	Cembranolide total synthesis. Anisomelic acid. <b>1987</b> , 43, 4849-4860	34
1358	Calixarenes 21. <b>1987</b> , 43, 4917-4930	61
1357	Synthetic studies towards gelsemine, I The importance of the antiperiplanar effect in the highly regioselective reduction of non-symmetrical cis-hexahydrophthalimides. <b>1987</b> , 43, 5019-5030	25
1356	Methylenecyclohexane annulation. Total synthesis of (-)-axamide-1, (-)-axisonitrile-1, and the corresponding C-10 epimers. <b>1987</b> , 43, 5521-5535	20

- 1355 Use of the ketel claisen rearrangement for the synthesis of cyclic sesquiterpenes containing quaternary centers. A formal synthesis of cuparene. **1987**, 43, 463-468 24
- 1354 Functionalization of the 3 $\beta$ -methyl group of penicillin. **1987**, 43, 1003-1012 8
- 1353 Solid phase 5'-phosphorylation of oligonucleotides. **1987**, 28, 463-466 20
- 1352 The acid catalyzed cyclization of diazoketones: Preparation of 2,4(3H,5H) furandiones. **1987**, 28, 1039-1042 4
- 1351 Alkyl and aryllanthanum triflates: New reagents for the conversion of tertiary amides to ketones. **1987**, 28, 4391-4394 29
- 1350 Isolation of opiate receptor ligands in coffee. **1987**, 14, 785-90 25
- 1349 The effect of substituents on phthalocyanine photocytotoxicity. **1987**, 46, 959-63 46
- 1348 The hopanoids of the purple non-sulfur bacteria *Rhodopseudomonas palustris* and *Rhodopseudomonas acidophila* and the absolute configuration of bacteriohopanetetrol. **1988**, 171, 245-52 66
- 1347 Hydroxystilbazoles and hydroxyazaphenanthrenes: photocyclization and fluorescence studies. **1988**, 47, 503-16 20
- 1346 Structural variations of N-acetylneuraminic acid, 9. A new useful approach to the epimers at C-7 and C-7,8 of N-acetylneuraminic acid. **1988**, 1988, 187-189 11
- 1345 1-Cycloundecen-3-in. **1988**, 1988, 221-224 10
- 1344 Biosynthese von Naturstoffen mit einer P=C-Bindung, II. Hydroxylierung von deuterierten (2-Aminoethyl)phosphonsäuren zu (2-Amino-1-hydroxyethyl)phosphonsäure in *Acanthamoeba castellanii* (Neff). **1988**, 1988, 537-542 9
- 1343 Glycosidation, IX. Synthesis of functionalised acetals for coupling with monoclonal antibodies and other biopolymers. **1988**, 1988, 559-563 5
- 1342 Neue chirale Hilfsgruppen: Gewinnung einer phenylazaanalogen Camphansäure nach veränderter N/O-Regioselektivität einer Ringverengungsreaktion. **1988**, 1988, 603-604 3
- 1341 Synthese von Glycofuranosylformamiden, -isocyaniden und -isocyanaten ausgehend von den entsprechenden Glycosylaziden. **1988**, 1988, 765-774 22
- 1340 Synthesis of canrenone and related steroids labelled with tritium, carbon-14, and sulfur-35. **1988**, 25, 515-529 1
- 1339 Preparation of <sup>14</sup>C-labeled 8,9-didehydro-6,8-dimethyl-2-methylthioergoline mesylate, a dopamine antagonist potentially useful in the treatment of schizophrenia. **1988**, 25, 667-674 1
- 1338 Quantitative relationship between bile acid structure and biliary lipid secretion in rats. **1988**, 77, 596-605 22

- 1337 Pyrrolo[1,2-b]-1,3,4-thiadiazol-Derivate aus mesomeren Heteropentalenen und Azodicarbonestern. **1988**, 121, 95-104 4
- 1336 N,O-heterocycles, 24. Novel approach to the ring-opening reaction of isoxazolidinium salts to 1,3-amino alcohols. **1988**, 121, 105-109 16
- 1335 Stereochemie der Hydrocyanierung von 1,5-Dimethylbicyclo[3.3.0]octanonen und -octenonen. **1988**, 121, 131-141 11
- 1334 2,2'-Verbrückte Bis(thiophene) aus Bis(1,3-dithiolylium-4-olaten) und Alkinen. **1988**, 121, 313-322 13
- 1333 Synthesen mit Cyclobutadienen, 20. Über die Cycloaddition von Diazirinen an ein kinetisch stabilisiertes Cyclobutadien. **1988**, 121, 357-361 12
- 1332 Inter- and intramolecular hetero diels-alder reactions, XXI. Intramolecular hetero diels-alder reaction of alkylidene-1,3-dicarbonyl compounds. Experimental evidence for an asymmetric transition state. **1988**, 121, 499-506 21
- 1331 Über das Reaktionsverhalten von 4-Thioxo-2-azetidinonen. **1988**, 121, 701-707 6
- 1330 Darstellung von 1-Oxo-1H-pyrazolo[1,2-a][1,2,4]triazol-4-ium-3-olaten. Eine Ring-Ketten-Tautomerie in der Reihe bicyclischer dipolarer Heterocyclen. **1988**, 121, 895-907 11
- 1329 Heterotricyclen durch intramolekulare 1,4-Dipolare Cycloaddition von alkenylsubstituierten 3,6-Dihydro-6-oxo-1-pyrimidinium-4-olaten. **1988**, 121, 1143-1146 16
- 1328 Antiaromatische Verbindungen, 23. Cycloaddition von N-Acyliminen an Cyclobutadiene. **1988**, 121, 1775-1783 7
- 1327 3,7-Dicyan-2,6-dimethoxy-1,5-dimethylsemibullvalen. **1988**, 121, 1801-1806 13
- 1326 Identification by methane chemical ionization gas chromatography/mass spectrometry of the products obtained by steam distillation and aqueous acid extraction of commercial Piper methysticum. **1988**, 17, 371-6 14
- 1325 Synthesen und Ringverengungsreaktionen  $\beta$ -halogenerter N-Phenylcamphersäureimide. **1988**, 321, 353-356 3
- 1324 A partition assay for the simultaneous determination of insect juvenile hormone esterase and epoxide hydrolase activity. **1988**, 169, 81-8 91
- 1323 Malto-oligosaccharide homologues of 3,7-anhydro-2-azido-1,2-dideoxy-D-glycero-D-gulo-octitol+ ++: improved photoaffinity reagents for labelling the malto-oligosaccharide-binding protein of Escherichia coli. *Carbohydrate Research*, **1988**, 184, 113-20 2.9 8
- 1322 An improved method for the preparation of 2',3'-unsaturated nucleosides: Synthesis of stereospecifically labelled ketonucleosides. *Carbohydrate Research*, **1988**, 176, 219-229 2.9 18
- 1321 Synthesis and immunoreactivity of neoglycoproteins containing the trisaccharide unit of phenolic glycolipid I of Mycobacterium leprae. *Carbohydrate Research*, **1988**, 183, 241-60 2.9 27
- 1320 Synthesis of (Z)-3,7-anhydro-1,2-dideoxy-2-deuterio-D-gluco-oct-2-enitol, a prochiral substrate for probing the catalytic functioning of of glucosylases. *Carbohydrate Research*, **1988**, 183, 287-99 2.9 10

- 1319 3-Azi-1-methoxybutyl beta-D-galactopyranoside, a photoaffinity label for monoclonal antigalactan antibodies of the VH GAL 39.1/55.1 gene-family. *Carbohydrate Research*, **1988**, 174, 87-98 2.9 9
- 1318 The preparation of a partially protected heptasaccharide-asparagine intermediate for glycopeptide synthesis. *Carbohydrate Research*, **1988**, 174, 279-89 2.9 46
- 1317 Synthesis and physical properties of some 2,3- and 2,2?-epithio C18 fatty acid derivatives. **1988**, 49, 167-178 9
- 1316 Synthesis of 2,2?-oxirane fatty esters and a study of some of their physical properties. **1988**, 46, 193-198 4
- 1315 Anwendung der Azirin/Oxazolone-Methode in der Peptid-Chemie: Synthese von Modell-Tripeptiden. **1988**, 71, 140-154 45
- 1314 Silicon-Directed Nazarov Cyclizations. Part V. Substituent and heteroatom effects on the reaction. **1988**, 71, 168-194 71
- 1313 Synthesis of Aristotelia-Type Alkaloids. Part III. (3R,4R)- and (3R,4S)-1-p-menthene-3,8-diol and the corresponding racemates: Preparation and assignment of configuration. **1988**, 71, 209-217 7
- 1312 Synthesis of D-Erythro- and D-Threo-Sphingosine Derivatives From L-Serine. **1988**, 71, 354-362 198
- 1311 Photochemical Reactions. 149th Communication. Photochemistry of 7,8-dihydro-4-hydroxy- $\beta$ -ionone and derivatives. **1988**, 71, 374-388 7
- 1310 Intramolekulare Cycloadditionen Mit Azomethin-Yliden: Synthese und NMR-Untersuchungen einiger Paracyclophan-Derivate vom Makrolid-Typ. **1988**, 71, 404-418 9
- 1309 Synthesis of selectively trifluoromethylated pyridine derivatives as potential antihypertensives. **1988**, 71, 596-601 25
- 1308 Stereospecific Synthesis of 2-Oxazinyl-4-oxoazetidincarbamates Starting from a 1,2-Diazepine. A new type of intramolecular transbenzoylation. **1988**, 71, 822-834 12
- 1307 Reactions of Haloarenes with Thiolate Anions in Tetraglyme: Competition between electron transfer and S<sub>N</sub>Ar mechanisms. **1988**, 71, 859-866 11
- 1306 Axially Dissymmetric Bis(triaryl)phosphines in the Biphenyl series: Synthesis of (6,6?-dimethylbiphenyl-2,2?-diyl)bis(diphenylphosphine) (BIPHEMP) and analogues, and their use in Rh(I)-catalyzed asymmetric isomerizations of N,N-diethylnerylamine. **1988**, 71, 897-929 186
- 1305 Synthesis of Ethyl (2R,3R)-1-Tosyl-3-Vinylazetidone-2-carboxylate and ethyl (2R,3E)-3-ethylidene-1-tosylazetidone-2-carboxylate (=rac-ethyl N-tosylpolyximate). **1988**, 71, 1025-1034 36
- 1304 4,10a-(Epidithio)-4,4a,10,10a-tetrahydro-1H-5-oxaanthracen-1-ones, tetracycles with a novel heterocyclic ring system. **1988**, 71, 1101-1107 6
- 1303 Ruthenium(II) Complexes with Three Different Diimine Ligands. **1988**, 71, 1108-1115 45
- 1302 Synthese neuer schwefel- und selen-haltiger Donor-Akzeptor-stabilisierter Molekelsysteme mit zentraler bicyclo[4.4.1]undeca-4,6,8,10-tetraen-2,3-diyliden- oder Bicyclo[4.4.1]undeca-3,6,8,10-tetraen-2,5-diyliden-Gruppe. **1988**, 71, 1242-1248 9

1301	Präparative chromatographische Enantiomerentrennung von synthetisch nützlichen cyclischen Acetalen. <b>1988</b> , 71, 1303-1318		42
1300	Semicorrin Metal Complexes as Enantioselective Catalysts. Part 1. Synthesis of chiral semicorrin ligands and general concepts. <b>1988</b> , 71, 1541-1552		101
1299	Syntheses of Amino-dideoxyallose and Amino-deoxyribose Derivatives Using Acylnitroso Dienophiles. <b>1988</b> , 71, 1642-1658		25
1298	N-(1,3-Thiazol-5(4H)-yliden)amine aus 1,3-dipolaren Cycloadditionen von Aziden mit 1,3-Thiazol-5(4H)-thionen. <b>1988</b> , 71, 1673-1680		25
1297	Fungicidal and molluscicidal saponins from <i>Dolichos kilimandscharicus</i> . <b>1988</b> , 27, 1325-1326		31
1296	Phosphate ester cleavage catalyzed by bifunctional zinc complexes: Comments on the $\beta$ -nitrophenyl ester syndrome <b>1988</b> , 16, 408-417		47
1295	The effect of ultrasound and of phosphine and phosphine-oxides on the Khand reaction. <i>Journal of Organometallic Chemistry</i> , <b>1988</b> , 354, 233-242	2.3	94
1294	Reaction of d-Galactose phenylhydrazone with nitroalkenes: Synthesis of pentahydroxypentylpyrazoles. <i>Carbohydrate Research</i> , <b>1988</b> , 180, 1-17	2.9	19
1293	A convenient synthesis of 4-amino-4-deoxy-L-arabinose and its reduction product, 1,4-dideoxy-1,4-imino-L-arabinitol. <i>Carbohydrate Research</i> , <b>1988</b> , 179, 199-209	2.9	37
1292	d-glycero-d-gulo-Heptono-1,4-lactone as a precursor for the synthesis of deoxyheptonolactones and anhydroheptonolactones. <i>Carbohydrate Research</i> , <b>1988</b> , 174, 331-340	2.9	13
1291	The synthesis and study of some of the physical properties of diphenylated fatty derivatives and their chromium tricarbonyl complexes. <b>1988</b> , 47, 209-216		1
1290	Models of pulmonary surfactant: monolayers of dipalmitoylphosphatidylcholine and phosphatidylinositol. <b>1988</b> , 48, 59-67		8
1289	Strukturelle Abwandlungen an N-Acetylneuraminsäuren, 8 Synthese von 7-, 8-, 9-Desoxy- und 4,7-Didesoxyneuraminsäure. <b>1988</b> , 119, 127-141		21
1288	Camphor from juvenile white spruce as an antifeedant for snowshoe hares. <b>1988</b> , 14, 1505-14		57
1287	Tetraponerines, toxic alkaloids in the venom of the Neo-Guinean pseudomyrmecine ant <i>Tetraponera</i> sp. <b>1988</b> , 14, 517-27		34
1286	Synthesis of carrier-free tritium-labeled queen bee pheromone. <b>1988</b> , 14, 957-62		6
1285	Neutral diterpenoids of oleoresins of five species of conifers of Transcarpathia. <b>1988</b> , 24, 691-694		1
1284	Photochemical isomerizations of 2-vinyl-2-phenylcyclohexanone; ketene, alkenal and 1,3-acyl shift product formation from the excited singlet state. <b>1988</b> , 107, 412-417		4

1283	Der Normalisierungsfaktor für die Tomatenmutante Chloronerva. XXXIII. Synthese von Glycinanaloga des Nicotianamins. <b>1988</b> , 330, 873-878	3
1282	Carbopalladation des alkylidenecyclopropanes-I capture intermoleculaire de l'organopalladique intermediaire. <b>1988</b> , 44, 5809-5820	33
1281	Depsipeptide analogs of the antitumor drug distamycin containing thiazole amino acids residues. <b>1988</b> , 44, 5833-5843	16
1280	36-Dimethoxybenzocyclobutenone: a reagent for quinone synthesis. <b>1988</b> , 44, 5939-5952	31
1279	Asymmetric synthesis. <b>1988</b> , 44, 2457-2470	40
1278	Synthesis of n-benzyloxycarbonyl-l-β-amino adipic acid, β-benzyl ester. <b>1988</b> , 44, 2633-2636	13
1277	Improved preparation of 5-hydroxyprotoberberine derivatives via 3-aryltetrahydroisoquinolines. <b>1988</b> , 44, 203-208	8
1276	Degradation of oleandomycin: controlled removal of sugars to give oleandonolide c3,c5-acetonide. <b>1988</b> , 44, 253-260	8
1275	Synthesis and reactivity of 2-(1',3'dithian-2'-yl)indoles. <b>1988</b> , 44, 443-450	20
1274	Catalytic osmylation of electron poor allylic alcohols and ethers.. <b>1988</b> , 44, 491-502	30
1273	Synthesis and rearrangement of homoserine derivatives. <b>1988</b> , 44, 637-642	26
1272	A model for triterpene side-chain synthesis. 2. <b>1988</b> , 44, 1007-1014	6
1271	Total synthesis of various elemanolides. <b>1988</b> , 44, 1369-1392	55
1270	Chromatographic separation of diastereoisomeric 1,2:3,4-diepoxides on silica gel tlc plates impregnated with various inorganic salts. <b>1988</b> , 44, 1393-1396	1
1269	Electrochemical heterocyclization of o-toluenesulfonamides to 3-alkyl-4,5-dihydro-1,2,4-benzothiazepine-1,1-dioxides. <b>1988</b> , 44, 1545-1552	7
1268	Inverse Electron Demand Diels-Alder Reactions of 2,4,6-(ethoxycarbonyl)-l,3,5-triazine and 2,4,6-(methylthio)-1,3,5-triazine: Pyrimidine Introduction. <b>1988</b> , 44, 3379-3390	51
1267	Stereoelectronic stabilization in non-chair conformations of substituted-2,3-dihydro-1,4-benzodioxepins. <b>1988</b> , 44, 5033-5044	10
1266	Resolution and use in β-amino acid synthesis of imidazolidinone glycine derivatives. <b>1988</b> , 44, 5277-5292	169

- 1265 New syntheses of  $\beta$ -amino acids based on  $n$ -acylimino acetates. **1988**, 44, 5403-5414 75
- 1264 Enantiospecific and diastereoselective synthesis of anti  $\beta$ -hydrazino- and  $\beta$ -amino- $\beta$ -hydroxyacids through  $\beta$ electrophilic amination of  $\beta$ -hydroxyesters. **1988**, 44, 5553-5562 86
- 1263 3-Bromo-2-*t*-butylsulfonyl-1-propene. a versatile multi-coupling reagent part 1. **1988**, 44, 4495-4508 26
- 1262 3-bromo-2-*t*-butylsulfonyl-1-propene. **1988**, 44, 4509-4519 10
- 1261 The high-pressure reaction of 2,5-dimethylfuran with 2,3-isopropylidene-glyceraldehyde. **1988**, 44, 4569-45738
- 1260 Intramolecular metal catalyzed kharasch cyclizations of olefinic  $\beta$ -halo esters and acids. **1988**, 44, 4671-4678 43
- 1259 Diastereoselective formation of contiguous quaternary centers: the modified carroll rearrangement. **1988**, 44, 7587-7600 25
- 1258 Synthesis of  $\beta$ -silyl ketones via reaction of trimethylsilyllithium with unsaturated hydrazones. Application to the synthesis of brevicomin. **1988**, 44, 3791-3803 30
- 1257 Epoxy-silanes in organic synthesis. **1988**, 44, 3953-3973 54
- 1256 Synthesis of thioacetate and isothiocyanate substituted carbonates and carbamates. **1988**, 44, 1619-1630 2
- 1255 Preparation and nucleophilic substitution of (*e*)-1-bromo-2-phenylsulfonyl-2-alkenes and 3-acetoxy-2-phenylsulfonyl-1-alkenes. **1988**, 44, 6095-6106 34
- 1254 Syntheses of 1,2-distributed adamantanes. **1988**, 44, 1873-1882 9
- 1253 Reactions selectives des organonagnesiens avec les lactols et les lactones. Synthèse des diols primaires-secondaires. **1988**, 44, 2903-2912 8
- 1252 Synthesis and *p*-diastereomeric resolution of nucleoside 3'-*O*(*s*-alkyl) and nucleoside 3'-*O*(*s*-aryl) methylphosphonothioates. **1988**, 29, 1227-1230 11
- 1251 A Stereoselective synthesis of *n*-*tert*-boc- $\beta$ -amino alcohols and  $\beta$ -amino acids. **1988**, 29, 1265-1268 59
- 1250 Vinyl trifluorosulfonates in the carbopalladation of allenic hydrocarbons. **1988**, 29, 4089-4092 24
- 1249 Hydroboration of methoxyenynes. A novel synthesis of (*E*)-methoxyenones. **1988**, 29, 1895-1897 18
- 1248 Synthesis of both epimeric 2-deoxy-*n*-acetylneuraminic acids and their behaviour towards CMP-sialate synthetase-a comparison with 2- $\beta$ -methylketoside of *n*-acetylneuraminic acid. **1988**, 29, 3643-3646<sup>50</sup>

1247	Highly anti selective SN2? additions of LiMe <sub>2</sub> Cu to chiral acyclic vinyloxiranes. <b>1988</b> , 29, 913-916	13
1246	The manganese(III) acetate oxidation of N-protected indolines. <b>1988</b> , 29, 2151-2154	23
1245	A variant of the Bruylants reaction. Synthesis of 4-heteroaryl-4-anilinopiperidines.. <b>1988</b> , 29, 6827-6830	12
1244	Contact allergy to dehydroabiatic acid derivatives isolated from Portuguese colophony. <b>1988</b> , 19, 166-74	59
1243	A simple direct approach to 1-substituted 3-arylisoquinolines from deoxybenzoins and nitriles. <b>1988</b> , 44, 6681-6686	13
1242	Imine-epoxide rearrangements in the formation of substituted piperidines. A stereoselective synthesis of (-) solenopsin-A.. <b>1988</b> , 29, 4977-4980	22
1241	Oligonucleotide labelling: A concise synthesis of a modified thymidine phosphoramidite. <b>1988</b> , 29, 5221-5224	30
1240	[3+2] Cycloadditions of indolenine-derived azomethine ylides a rapid entry into pyrrolo [1,2-a] indolines.. <b>1988</b> , 29, 5325-5328	11
1239	Asymmetric induction in the cycloaddition of 1,3-butadiene to a polymer-bound chiral acrylate. <b>1988</b> , 8, 173-188	2
1238	Synthesis of a squalenoid oxaziridine and other new classes of squalene derivatives, as inhibitors of sterol biosynthesis. <b>1988</b> , 23, 533-537	13
1237	New phosphonic acid reactive dyes for cotton. <i>Dyes and Pigments</i> , <b>1988</b> , 9, 57-65	4.6 1
1236	Proton magnetic resonance spectra of some naphthalene derivatives. <i>Dyes and Pigments</i> , <b>1988</b> , 9, 67-82	4.6 8
1235	β-Fluoromethyl-n-methyl-phenylsulphoximine: a new fluoromethylenation reagent. <b>1988</b> , 29, 3365-3368	58
1234	Isolation of the first naturally occurring epimonothiodioxopiperazine, a fungal toxin produced by <i>Phoma lingam</i> . <b>1988</b> , 29, 3471-3474	20
1233	A convenient synthesis of substituted quinolines by thermal or photochemical electrocyclic rearrangement of o-vinyl imidates under non-acidic conditions. <b>1988</b> , 29, 3517-3520	14
1232	Synthesis and evaluation of chitosan-based, affinity-chromatography materials. <i>Carbohydrate Research</i> , <b>1988</b> , 173, 285-91	2.9 5
1231	Identification of dekamycin antibiotics. <b>1988</b> , 440, 71-85	0
1230	Triterpenoid saponins. <b>1988</b> , 27, 3037-3067	166



- 1229 Six novel secodammarane-type triterpenes from male Flowers of *Alnus japonica*. **1988**, 27, 2915-2920 15
- 1228 A novel stilbene from the wood of *Chlorophora excelsa*. **1988**, 27, 3014-3016 11
- 1227 Spinosides A and B. Two cytotoxic cucurbitacin glycosides from *Desfontainia spinosa*. **1988**, 27, 3781-3785 10
- 1226 Enantioselectivity in the reduction of  $\beta$ -dicarvelone by cell suspension cultures of *Nicotiana tabacum*. **1988**, 27, 3807-3808 14
- 1225 The Khand reaction of some trisubstituted alkenes. Uses of the catalytic version of the reaction. *Journal of Organometallic Chemistry*, **1988**, 356, 213-219 2.3 31
- 1224 Formation and reactivity of trimethylsilylmethyl cyclopentenones. *Journal of Organometallic Chemistry*, **1988**, 341, 181-185 2.3 11
- 1223 NMDA receptor channels: labeling of MK-801 with iodine-125 and fluorine-18. **1988**, 39, 1219-25 21
- 1222 Ultrasound in lipid chemistry, cyclopropanation of unsaturated fatty esters and triglycerides. **1988**, 65, 118-121 7
- 1221 A short and efficient synthesis of 4a-substituted cis-hexahydro-1,2,3,4,4a,9a-carbazol-4-ones. **1988**, 25, 201-203 12
- 1220 Synthesis of 1,3,7,9,11,12,14-heptazapentacene-2,4,8,10-(14H,3H,9H,12H)-tetraones (mixed flavins) with oxidizing ability. **1988**, 25, 549-553 4
- 1219 Synthesis of 3-(2-Aminoethyl)pyrrole Derivatives. **1988**, 25, 635-638 10
- 1218 Ambident anion chemistry: The reaction of sterically-hindered phenolate anions with 1H-pyrrole-2,5-diones. **1988**, 25, 807-812 1
- 1217 Heterocyclic photorearrangements. Photochemical behaviour of some 3,5-disubstituted 1,2,4-oxadiazoles in methanol at 254 nm. **1988**, 25, 931-935 28
- 1216 Preparation of hydrogenated azepino[3,2,1-hi]indoles. **1988**, 25, 937-942 10
- 1215 Polycondensed heterocycles. III. Synthesis of 5,11-dioxo-1,2,3,1 1a-tetrahydro-5H,11H- and 5-oxo-2,3,11,1 1a-tetrahydro-1H,5H-pyrrolo[2,1-c][1,4]benzothiazepine. **1988**, 25, 1007-1013 4
- 1214 Synthesis and anticonvulsant activity of 1-benzyl-4-alkylamino-1H-imidazo[4,5-c]pyridines. **1988**, 25, 1255-1258 10
- 1213 The reactions of thiosemicarbazides and 5-halovalerophenones. **1988**, 25, 1471-1474 12
- 1212 Syntheses d'aryltetrahydropyranyl ethers. **1988**, 25, 1481-1486 5

1211	Heterocyclic photorearrangements. Photoinduced rearrangements of 1,2,4-oxadiazoles substituted by an XYZ side chain sequence. <b>1988</b> , 25, 1551-1553	13
1210	Synthesis of 8,9-difluoro-2-methyl-6-oxo-1,2-dihydropyrrolo[3,2,1-ij]quinoline-5-carboxylic acid. <b>1988</b> , 25, 1567-1569	11
1209	The reaction of 2-substituted-4,5-dichloro-3(2H)-pyridazinones with alkoxides and alkylthiolates. <b>1988</b> , 25, 1757-1760	20
1208	A three-step pyridoannulation of carbonyl compounds. <b>1988</b> , 25, 1761-1765	14
1207	Ribosomal binding and dipeptide formation by misacylated tRNA(Phe),S. <b>1988</b> , 27, 7254-62	51
1206	Analysis of methylisothiazolones by ion pair high-performance liquid chromatography after pre-column derivatisation. <b>1988</b> , 332, 813-816	6
1205	Preparative separation of phospholipids by flash-HPLC. <b>1988</b> , 330, 390-391	2
1204	Bestimmung von 2,8-Dihydroxyadenin im Harn mit der HPLC. <b>1988</b> , 330, 391-392	
1203	Metabolism of detomidine in the rat. II. Characterisation of metabolites in urine. <b>1988</b> , 13, 59-65	8
1202	Inactivation of soybean lipoxygenase 1 by 12-iodo-cis-9-octadecenoic acid. <b>1988</b> , 27, 8813-8	8
1201	Oligonucleotide N-alkylphosphoramidates: synthesis and binding to polynucleotides. <b>1988</b> , 27, 7237-46	71
1200	Original composition of marjoram flavor and its changes during processing. <b>1988</b> , 36, 996-1003	59
1199	IMPROVED PREPARATION OF PENICILLIN N AND ISOPENICILLIN N. <b>1988</b> , 20, 497-503	3
1198	A New and Diastereoselective Synthesis of Threo-Aryl-2-Piperidylmethanol Derivatives. <b>1988</b> , 18, 2017-2026	3
1197	The synthesis of nephrotoxic conjugates of glutathione and cysteine. <b>1988</b> , 17, 153-162	21
1196	The synthesis and biological activity of 25-hydroxy-26,27-dimethylvitamin D3 and 1,25-dihydroxy-26,27-dimethylvitamin D3: highly potent novel analogs of vitamin D3. <b>1988</b> , 31, 147-60	13
1195	Lipid geochemistry of a post-glacial lacustrine sediment. <b>1988</b> , 13, 1131-1143	19
1194	Estrogen receptor binding tolerance of 16 alpha-substituted estradiol derivatives. <b>1988</b> , 51, 471-97	36

1193	Isomer-specific determination of PCDD/PCDF in oil extracts from water leachates of a waste landfill. <b>1988</b> , 17, 1935-1944	5
1192	Synthesis and structure verification of chlorinated 4-Methoxyphenols, models of metabolites of chlorophenolic compounds. <b>1988</b> , 17, 1821-1829	10
1191	Preparation of New Glycoheptofurano[2,1-d]Imidazolidine-2-Thiones., Isomerizations to Acyclic-Sugar C-Nucleoside Analogues of Imidazole. <b>1988</b> , 7, 457-477	15
1190	Positive evidence for tetrahedral R'C(OR)3H+ intermediates in the gas phase. <b>1988</b> , 110, 963-965	2
1189	A Short Synthesis of 4-Ketopipelicolic Acid Hydrochloride. <b>1988</b> , 18, 553-557	21
1188	5-Hydroxymaltol and mycophenolic acid, secondary metabolites from <i>Penicillium echinulatum</i> . <b>1988</b> , 91, 649-651	13
1187	Differential reactivity in the processing of [p-(halomethyl)benzoyl] formates by benzoylformate decarboxylase, a thiamin pyrophosphate dependent enzyme. <b>1988</b> , 27, 5530-8	26
1186	A General Method for Stereo- and Regio- Specific Oxyamination of Olefins. <b>1988</b> , 18, 907-915	14
1185	Shapes of Micelles and Molecular Geometry Synthesis and Studies on the Phase Behaviour, Surface Tension and Rheology of Rigid Rod-Like Surfactants in Aqueous Solutions. <b>1988</b> , 3, 1369-1386	19
1184	THIONO COMPOUNDS. 8. MUTAGENIC ACTIVITY OF REPRESENTATIVE AMIDES OF THIOPHOSPHORIC ACID. <b>1988</b> , 35, 151-158	3
1183	DNA-binding and DNA-cleaving properties of a synthetic model AGAGLU related to the antitumour drugs AMSA and bleomycin. <b>1988</b> , 152, 695-702	4
1182	Isolation and purification of salannin from neem seeds and its quantification in neem and chinaberry seeds and leaves. <b>1988</b> , 447, 277-283	7
1181	SYNTHESIS OF $\beta$ -HALOGENATED METHANEDIPHOSPHONATES 1a, b. <b>1988</b> , 37, 1-12	30
1180	Effects of toxic metabolites produced by <i>Phoma lingam</i> (Tode ex Fr.) desm. on protoplasts, cells and plants of hosts and non-hosts of the pathogen. <b>1988</b> , 32, 301-312	21
1179	Larval settlement and metamorphosis of two gregarious sabellariid polychaetes: <i>Sabellaria alveolata</i> compared with <i>Phragmatopoma californica</i> . <b>1988</b> , 68, 101-124	34
1178	Stimulation of neurite outgrowth in vitro by a glyceroganglioside. <b>1988</b> , 6, 319-26	22
1177	Terminal Deoxy Hydroxyamino Sugars. <b>1988</b> , 7, 169-186	24
1176	Cyclic (hydroxyphosphinyl)acyl dipeptides: a new class of angiotensin converting enzyme inhibitors. <b>1988</b> , 2, 183-98	1

1175	MECHANISM OF THE REACTION OF SOME STABLE HEMIMERCAPTALS WITH Secondary-AMINES: EVIDENCE AGAINST THE INTERMEDIACY OF A METHYLENESULFONIUM ION. <b>1988</b> , 37, 117-123	1
1174	Asymmetric Synthesis of Aryl 2-Piperidyl Methanols from a Chiral $\beta$ -Aminonitrile Precursor. <b>1988</b> , 18, 823-831	9
1173	NOVEL SYNTHESIS OF THIAZOLIDINES. <b>1988</b> , 39, 11-18	4
1172	alpha-DNA. VII. Solid phase synthesis of alpha-anomeric oligodeoxyribonucleotides. <b>1988</b> , 16, 833-47	42
1171	Effect of <i>Desmodium adscendens</i> fractions on antigen- and arachidonic acid-induced contractions of guinea pig airways. <b>1988</b> , 66, 820-5	18
1170	A Key Intermediate for the Synthesis of Antitumor Lignan Prototypes. <b>1988</b> , 18, 699-710	7
1169	Stereoselective Synthesis of $\beta$ -Methylene- $\beta$ -Hydroxy- $\alpha$ -Alkoxy Esters and Ketones. <b>1988</b> , 18, 1065-1070	22
1168	Constituents of <i>Origanum compactum</i> . <b>1988</b> , 54, 94	17
1167	Synthesis and biological activity of an azido derivative of paclobutrazol, an inhibitor of gibberellin biosynthesis. <b>1988</b> , 88, 1425-9	9
1166	Isolation and Biological Activities of Four Selective Toxins from <i>Helminthosporium carbonum</i> . <b>1988</b> , 86, 187-91	31
1165	3?-Deoxy-3?-Hydroxyamino- $\beta$ -D-Xylofuranosyluracil and Derivatives Thereof. <b>1988</b> , 7, 249-269	22
1164	Chemical Ecology of the Tiger Swallowtail: Mediation of Host Use by Phenolic Glycosides. <b>1988</b> , 69, 814-822	114
1163	Reaction of $\beta$ -Stannyl $\beta$ , $\beta$ -Unsaturated Esters with Acid Chlorides Catalized by Palladium. <b>1988</b> , 18, 1133-1137	6
1162	In vitro and in vivo evaluation of C-20- and C-23-modified derivatives of tylosin against veterinary pathogens. <b>1988</b> , 41, 938-48	6
1161	Improvement in Flash Chromatography. <b>1988</b> , 61, 1815-1817	2
1160	Fulgides as Efficient Photochromic Compounds. Role of the Substituent on Furylalkylidene Moiety of Furylfulgides in the Photoreaction. <b>1988</b> , 17, 1049-1052	60
1159	Inhibition of branched-chain alpha-keto acid dehydrogenase kinase by alpha-chloroisocaproate. <b>1988</b> , 166, 114-23	8
1158	Studies on the Dehydration of New 2- (Pentitol-1-YL) Pyridines Having D-Gulo, D-IDO, and L-Manno Configurations. <b>1988</b> , 7, 227-244	5

- 1157 Conjugate Addition of Grignard Compounds to 2-Benzyl-6-Oxo-Octahydroisoquinoline in the Presence of Copper-Thiophenolate. **1988**, 18, 711-715 3
- 1156 . **1989**, 2
- 1155 Chapter 10 Bioactive Compounds from Marine Organisms and Cultivated Blue-Green Algae. **1989**, 377-432 1
- 1154 Photolytic Properties of Ortho-Substituted 4-[N,N-Bis(β-Hydroxyethyl)amino]azobenzenes in Polymer Substrates. **1989**, 59, 343-349 12
- 1153 The Stereoselective Aldol Condensation of β-Fluoroacetates. **1989**, 19, 1081-1090 13
- 1152 Synthesis and properties of oligonucleotides containing 4-thiothymidine, 5-methyl-2-pyrimidinone-1-beta-D(2'-deoxyriboside) and 2-thiothymidine. **1989**, 17, 4957-74 98
- 1151 Synthesis of Cis- and Trans-1-methylcyclohexane-1,4-diols and Their 4-Hemisuccinate Esters. **1989**, 19, 745-754 7
- 1150 Preparative Isolation of Destruxins from *Metarhizium Anisopliae* by High Performance Liquid Chromatography. **1989**, 12, 383-395 24
- 1149 Stereocontrolled Synthesis of Methyl (Methyl-5-Acetamido-4-O-Benzoyl-7-O-Benzyl-3,5-Dideoxy-β-D-Arabino-2-Heptulopyranosid)Onate, a Model Compound for Sialic Acids. **1989**, 8, 553-563 8
- 1148 Acids from blue-stain diseased lodgepole pine. **1989**, 67, 1426-1428 10
- 1147 A Facile Synthesis of 1,4-Diketones from Organolithium Reagents and N,N,N',N'-Tetramethylsuccinamide. **1989**, 19, 787-792 15
- 1146 Amberlyst-15 Promoted Synthesis of Fused and Spiro α-Butyrolactones from β-Hydroxyesters. **1989**, 19, 2423-2430 5
- 1145 Stereospecific Preparation of Transglycidic Esters. **1989**, 19, 221-232 3
- 1144 Synthesis of 2, 3-dideoxy-4-O-p-methoxybenzyl-L-erythro-hex-2-enono-1, 5-lactone. **1989**, 19, 1025-1037 1
- 1143 Amberlyst-15 as a Convenient Catalyst for Chemoselective Thioacetalization. **1989**, 19, 2383-2387 25
- 1142 Rapid isolation of DNA from complex biological samples using a novel capture reagent--methidium-spermine-sepharose. **1989**, 17, 6947-58 15
- 1141 Specific-primer-directed DNA sequencing using automated fluorescence detection. **1989**, 17, 6087-102 39
- 1140 Phenolic Constituents of *Salvia lavandulifolia*ssp. *Lavandulifolia*. **1989**, 55, 92-92 10

1139	Urinary metabolites of rifabutin, a new antimycobacterial agent, in human volunteers. <b>1989</b> , 19, 769-80	29
1138	Base-Catalyzed cyclization of N-propargylamides to oxazoles. <b>1989</b> , 26, 269-275	75
1137	Reaction of 1-(3, 4-dimethoxybenzylidene)-6, 7-dimethoxyisochroman-3-one with lithium aluminium hydride: Formation of 1-(3, 4-dimethoxybenzylidene)-6, 7-dimethoxyisochroman. <b>1989</b> , 26, 549-551	1
1136	The synthesis of a new 8-azaprostanoid. <b>1989</b> , 26, 725-728	3
1135	Heterocyclic ring-analogs of dihydropyridine calcium antagonists. <b>1989</b> , 26, 1353-1356	5
1134	The oxidative-rearrangement of 1-amino-2-indolinones. A synthesis of 2-substituted-3(2H)-cinnolinones. <b>1989</b> , 26, 1437-1439	8
1133	Hydrozirconation of oleyl alcohol. <b>1989</b> , 66, 1815-1821	7
1132	Separation of tri, 1,3, Di- and 1-mono-oleoylglycerols and oleic acid by flash chromatography. <b>1989</b> , 66, 135-136	5
1131	Thin-layer chromatography of chlorinated anisoles and veratroles. <b>1989</b> , 27, 142-146	1
1130	Fractionation and purification of some muscular and visceral ciguatoxins extracted from Caribbean fish. <b>1989</b> , 94, 499-504	3
1129	Synthesis of 2-amino-6-(2-formyl-5-hydroxymethyl-1-pyrrolyl-)hexanoic acid. <b>1989</b> , 189, 138-140	6
1128	Heterocyclization of derivatives of thioncarboxylic acids to 1,3,4-thiadiazoles under the action of tert-butyl hypochlorite. <b>1989</b> , 38, 1690-1695	1
1127	Synthesis and evaluation of inhibitors for Escherichia coli carbamyl phosphate synthetase. <b>1989</b> , 17, 422-433	1
1126	Behavior and survival of western spruce budworm, Choristoneura occidentalis Freeman, exposed to an fluorinated pheromone analogue. <b>1989</b> , 15, 91-103	17
1125	Storage stability of petroleum-derived diesel fuel. <b>1989</b> , 68, 27-31	30
1124	Anionic initiated coupling of tungsten carbene complexes: synthesis of the first (Eris(carbene))trimetallic complex. <i>Journal of Organometallic Chemistry</i> , <b>1989</b> , 366, 147-154	2-3 7
1123	A New Method for the Preparation of (E)-3-Acylprop-2-enoic Acids. <b>1989</b> , 72, 117-122	16
1122	1,5,7-Triazabicyclo[4.4.0]dec-5-en als Reaktionsmedium: Präparativ ergiebige einstufige Herstellung von Etioporphyrin aus Protoporphyrin. <b>1989</b> , 72, 185-195	9

1121	Synthesis of Aristotelia-Type Alkaloids.. Part IV. Synthesis of (–)-aristoserratine. <b>1989</b> , 72, 254-263	8
1120	Acid-Catalyzed Cyclization Reactions of Substituted Acetylenic Ketones: A new Approach for the Synthesis of 3-Halofurans, Flavones, and Styrylchromones. <b>1989</b> , 72, 447-456	60
1119	Herstellung von substituierten 2-Aminooxazol-4-carbonitrilen. <b>1989</b> , 72, 556-569	9
1118	Mono- and Dialkylation of Derivatives of (1R, 2S)-2-Hydroxycyclopentanecarboxylic Acid and -cyclohexanecarboxylic acid via bicyclic dioxanones: Selective generation of three contiguous stereogenic centers on a cyclohexane ring. <b>1989</b> , 72, 690-714	40
1117	Radikalische Cyclisierungen von Alkenyl-substituierten 4,5-Dihydro-1,3-thiazol-5-thiolen. <b>1989</b> , 72, 838-846	11
1116	Photochemical Reactions 150th Communication. Wavelength Dependence of the Photochemistry of 7-Methyl- $\beta$ -ionone. <b>1989</b> , 72, 933-942	4
1115	Photochemical Reactions 151st Communication. Photo-oxygenation of (E)- and (Z)-7-Methyl- $\beta$ -ionone. <b>1989</b> , 72, 943-951	5
1114	Cascade Reactions. A Simple One-pot Synthesis of the Mitomycin Skeleton. <b>1989</b> , 72, 1199-1215	11
1113	Structure-Activity Relationship in Ambergris-Type Woody Odorants possessing a hydronaphthalene skeleton. <b>1989</b> , 72, 1390-1399	15
1112	A Short, Simple Synthesis of (–)-Monomorine. <b>1989</b> , 72, 1749-1752	25
1111	Design, synthesis, DNA binding, and biological activity of a series of DNA minor-groove-binding intercalating drugs. <b>1989</b> , 78, 910-7	47
1110	Inhibition of 5-lipoxygenase by substituted 3,4-dihydro-2H-1,4-thiazines. <b>1989</b> , 78, 937-43	4
1109	Absolute Konfiguration der (2-Amino-1-hydroxyethyl)phosphonsäure aus <i>Acanthamoeba castellanii</i> (Neff) - Darstellung der Phosphonsäure-Analoga von (+)- und (-)-Serin. <b>1989</b> , 1989, 577-583	67
1108	Polycyclische aromatische Alkaloide, I. Synthese von Cleistopholin und Sampangin. <b>1989</b> , 1989, 87-88	49
1107	Verbesserte Synthese einiger 3,7-Dicyan-1,5-dimethylsemibullvalene aus 1,5-Dimethylbicyclo[3.3.0]octan-3,7-dion. <b>1989</b> , 1989, 191-196	3
1106	Ein photolabiles Disaccharid-C-Glycosid als Affinitätsreagenz für Antigalactan IgA X24. <b>1989</b> , 1989, 357-360	10
1105	Synthesis of Nonproteinogenic (R)- or (S)-Amino Acids Analogues of Phenylalanine, Isotopically Labelled and Cyclic Amino Acids from tert-Butyl 2-(tert-Butyl)-3-methyl-4-oxo-1-imidazolidinecarboxylate (Boc-BMI). <b>1989</b> , 1989, 1215-1232	89
1104	Gloeosporone $\beta$ Macrolide Fungal Germination Self-Inhibitor Total Synthesis and Activity. <b>1989</b> , 1989, 1233-1240	22

1103	The synthesis of the <sup>14</sup> C and <sup>2</sup> H-isotopomers of (R)-N-[2-(2'-ethoxyphenoxy)-ethyl]-N-2-[3-(4'-methoxy-3'-sulfonamido)-phenyl]-propylamine hydrochloride, an $\beta$ 1-adrenoreceptor antagonist. <b>1989</b> , 27, 171-180		2
1102	Synthesis of <sup>13</sup> C-labeled verapamil compounds. <b>1989</b> , 27, 491-501		2
1101	Stereospecific synthesis of specifically deuterated metoprolol enantiomers from chiral starting materials. <b>1989</b> , 27, 1215-1226		4
1100	Enantioselektive Reduktion $\beta,\beta$ -ungesättigter Carbonsäureester mit NaBH <sub>4</sub> und katalytischen Mengen chiraler Cobalt-Semicorrinkomplexe. <b>1989</b> , 101, 61-62		59
1099	Stereoselective synthesis of 2-thioglycosides of N-acetylneuraminic acid. <i>Carbohydrate Research</i> , <b>1989</b> , 187, 35-42	2.9	174
1098	Preparation of pyranoid glycal derivatives from phenyl thioglycosides and glycosyl phenyl sulphones. <i>Carbohydrate Research</i> , <b>1989</b> , 188, 81-95	2.9	77
1097	Acetylation of N-acetylneuraminic acid and its methyl ester. <i>Carbohydrate Research</i> , <b>1989</b> , 190, 317-322	2.9	72
1096	Stereoselective arylation of pyranoid glycals, using bromomagnesium phenolates: An entry to 2,3-unsaturated C-glycopyranosylarenes. <i>Carbohydrate Research</i> , <b>1989</b> , 191, 243-251	2.9	21
1095	Synthesis of disaccharide fragments of dermatan sulfate. <i>Carbohydrate Research</i> , <b>1989</b> , 195, 39-50	2.9	40
1094	Ozonolysen von 1-Methylcyclopenten, 1-Methylcyclobuten, 5-Hexen-2-on und Naturkautschuk im Beisein von Methanol. <b>1989</b> , 122, 145-149		20
1093	Asymmetric Induction in the [2,3] Wittig Rearrangement The Stereoselective Synthesis of Unsaturated Alcohols with Three Contiguous Stereogenic Centers. <b>1989</b> , 122, 193-198		17
1092	Asymmetric Induction and Simple Diastereoselectivity in the [2,3] Wittig Rearrangement of Ester Enolates. <b>1989</b> , 122, 703-710		21
1091	Cyclopentenone Derivatives, XIV. Stereoselective Formation of Prostacyclin Intermediates. <b>1989</b> , 122, 797-800		0
1090	Reductive lithiation of sulfides and sulfones [A novel entry into [2,3] wittig rearrangements. <b>1989</b> , 122, 2023-2025		31
1089	Asymmetrische elektrophile $\beta$ -Amidoalkylierung, 3.Mitt.: Synthesen von Vorstufen für die Erzeugung chiraler N-Acylpyrrolidiniumionen. <b>1989</b> , 322, 93-97		5
1088	Polycyclische aromatische Alkaloide, 2.Mitt. Synthese von Onychin und Eupolauridin. <b>1989</b> , 322, 293-294		24
1087	Synthesis and biological evaluation of 3-(2-aminoethyl)pyrrole derivatives. <b>1989</b> , 322, 827-8		1
1086	Umsetzungen kondensierter 2,3-Dihydro-3-thioxo-isothiazol-1,1-dioxide mit Diazomethan sowie Diazoethan Reactions of Condensed 2,3-Dihydro-3-thioxo-isothiazole 1,1-Dioxides with Diazomethane and Diazoethane. <b>1989</b> , 322, 829-830		2



1085	Enantioselective Reduction of $\alpha,\beta$ -Unsaturated Carboxylates with NaBH <sub>4</sub> and Catalytic Amounts of Chiral Cobalt Semicorrin Complexes. <b>1989</b> , 28, 60-61	119
1084	Oxidation of beta-blocking agents--VII. Periodate oxidation of labetalol. <b>1989</b> , 7, 1447-51	5
1083	Computerised gas chromatographic mass spectrometric and high-performance liquid chromatographic analysis of sedimentary benzoporphyrins. <b>1989</b> , 473, 135-151	12
1082	Capillary gas chromatography mass spectrometry and identification of substituted carboxylic acids in lipids extracted from a 4000-year-old Nubian burial. <b>1989</b> , 479, 61-72	24
1081	Modeling the active site in hemocyanin: Synthesis and reactivity of binuclear copper complexes. <b>1989</b> , 166, 71-77	12
1080	Highly stereoselective free radical C-6-allylation of penams - synthesis of a novel $\beta$ -lactamase inhibitor. <b>1989</b> , 45, 941-950	33
1079	SE' Addition of homochiral $\beta$ -alkoxyallylstannanes to aldehydes. <b>1989</b> , 45, 1043-1052	59
1078	Organotin-based bifunctional reagents: 4-chloro-2-lithio-1-butene and related substances. <b>1989</b> , 45, 1089-1104	34
1077	Reaction of (trimethylstanyl)copper(I) reagents with $\alpha,\beta$ -acetylenic esters. <b>1989</b> , 45, 363-380	62
1076	Enantioselective synthesis of sitophilate, the granary weevil aggregation pheromone. <b>1989</b> , 45, 623-628	23
1075	Synthesis of nonproteinogenic amino acids part 2: preparation of a synthetic equivalent of the $\alpha$ anion synthon for asymmetric amino acid synthesis. <b>1989</b> , 45, 1453-1464	31
1074	Synthesis of nonproteinogenic amino acids part 3: conversion of glutamic acid into $\alpha,\beta$ -unsaturated $\beta$ -amino acids. <b>1989</b> , 45, 1465-1474	19
1073	Chiral precursors for syntheses of furanoterpenes. <b>1989</b> , 45, 1475-1490	11
1072	Azadecalin analogs of 4,4,10-trimethyl-trans-decal-3-ol: Synthesis and assay as inhibitors of oxidosqualene cyclase. <b>1989</b> , 17, 108-120	6
1071	A new method for the preparation of carboxy-labeled unsaturated fatty acids and its application to linoleic acid. <b>1989</b> , 17, 281-286	4
1070	Diterpenoids from the stem bark of <i>Azadirachta indica</i> . <b>1989</b> , 28, 1177-1180	13
1069	Pentacyclic triterpenoids from the leaves of <i>Plumeria obtusa</i> . <b>1989</b> , 28, 3143-3147	20
1068	Aporphine alkaloids from <i>Ocotea caesia</i> . <b>1989</b> , 28, 3577-3578	15

- 1067 Bis-insertion reactions of Ru(CO)HCl(PPh<sub>3</sub>)<sub>3</sub> with methyl propiolate. The unexpected formation of (methoxycarbonylethenyl)triphenylphosphonium chloride. *Journal of Organometallic Chemistry*, **1989**, 379, 171-175 2.3 34
- 1066 Metathesis and reduction reactions of nitroso compounds with metal carbenes and metal carbonyls. *Journal of Organometallic Chemistry*, **1989**, 368, 83-101 2.3 23
- 1065 Reactions of cationic hydrido complexes [Ru(CO)H(MeCN)<sub>2</sub>(PPh<sub>3</sub>)<sub>2</sub>]A (A = ClO<sub>4</sub>, PF<sub>6</sub>) with alkynes. The crystal structure of [Ru(CO) (MeOCC<sub>2</sub>CHCOOMe) (MeCN)<sub>2</sub>(PPh<sub>3</sub>)<sub>2</sub>]ClO<sub>4</sub>. *Journal of Organometallic Chemistry*, **1989**, 373, 249-258 2.3 41
- 1064 Palladium-catalyzed allylic acetoxylation: an exploratory study of the influence of added acids. *Journal of Organometallic Chemistry*, **1989**, 369, 433-444 2.3 18
- 1063 New synthesis and reactions of a functionalized (1,3-butadienyl)tricarbonyliron complexed phosphonate. *Journal of Organometallic Chemistry*, **1989**, 371, 219-231 2.3 18
- 1062 Organophosphorus and organosilicon derivatives of sterically hindered phenols. *Journal of Organometallic Chemistry*, **1989**, 376, 21-29 2.3 4
- 1061 Reimer-Tiemann adducts as potential insect antifeedant agents Reviewing the structure-activity relationship theory of the antifeedant, warburganal. **1989**, 15, 2607-23 20
- 1060 Stereoselective O-glycosylation of trans-4-hydroxy-L-proline derivatives promoted by silver zeolite. **1989**, 6, 477-88 6
- 1059 A series of mono and diesters of itaconic acid: Synthesis and structural determination. **1989**, 120, 743-748 7
- 1058 Structural variations of N-Acetylneuraminic acid, 12: A new useful approach to 4-epi- and 8-epi-N-Acetylneuraminic acid. **1989**, 120, 899-906 17
- 1057 Bishomocamphenilol, Bishomocamphenol und Bishomocamphenilsäure: Synthesen in der Isocamphanreihe, 32. Mitt.. **1989**, 120, 299-310 5
- 1056  $\alpha$ -Oxygenation of a trans-3,4-disubstituted  $\beta$ -lactone. A comparative study. **1989**, 30, 1029-1032 24
- 1055 The syntheses of a monosubstituted and an unsymmetrical tetrasubstituted phthalocyanine using binuclear phthalocyanines. **1989**, 30, 5555-5558 13
- 1054 A new, short synthetic route to  $\beta$ -substituted 5,5-difluoro-4-pentenoic acid esters.. **1989**, 45, 265-272 27
- 1053 An improved cyclisation protocol for the synthesis of  $\beta$ -difluoro- $\beta$ -lactones.. **1989**, 45, 273-276 12
- 1052 Synthesis of 3-fluoro-2-methyl-1(2h)-isoouinolinone.. **1989**, 45, 277-281 1
- 1051 Chickpea blight: Production of the phytotoxins solanapyrones A and C by *Ascochyta rabiei*. **1989**, 28, 2627-2630 70
- 1050 Polyacetylenes and other constituents of *Leuzea centauroides*. **1989**, 28, 2697-2699 10

1049	Tetrahydrofuran synthesis via free radical mediated addition of functionalized alkenes to aryl vinyl oxiranes. <b>1989</b> , 45, 2969-2977	28
1048	Antiaromatic compounds 124. Steric effects on valence isomerizations in the dewar pyridine/azaprismane/pyridine system. <b>1989</b> , 45, 3115-3130	20
1047	Synthese de pyrroles et d'oxazoles par pyrolyse de N-(hydroxy-2-ethyl) amino-3 propenoate. <b>1989</b> , 45, 3397-3414	6
1046	Conformational analysis of $\alpha$ -(1-methoxycarbonyl)ethyl- $\beta$ -thiazoline-2-thiones by temperature-dependent circular dichroism and NMR spectroscopy and by molecular mechanics calculations. <b>1989</b> , 45, 5081-5100	9
1045	A stereoconvergent strategy for the synthesis of enantiomerically pure (R)- and (S)-(+)-2-(6-methoxy-2-naphthyl)-propanoic acid (naproxen). <b>1989</b> , 45, 4243-4252	41
1044	Application of stable isotope labelling methodology to the biosynthesis of the mycotoxin, terretonin, by aspergillus terreus: incorporation of <sup>13</sup> C-labelled acetates and methionine, <sup>2</sup> H- and <sup>13</sup> C, <sup>18</sup> O-labelled ethyl 3,5-dimethylorsellinate and oxygen-18 gas. <b>1989</b> , 45, 2307-2321	25
1043	Tremorgenic indole alkaloid studies. 6. Preparation of an advanced intermediate for the synthesis of penitrem D. Synthesis of an indole oxocane. <b>1989</b> , 45, 2431-2449	26
1042	Diastereoselectivity in the TiCl <sub>4</sub> -mediated aldol reaction of cyclic diensilyl ethers. <b>1989</b> , 45, 6101-6112	14
1041	Non-proteinogenic amino acid synthesis: Synthesis of $\alpha$ -unsaturated $\beta$ -amino acids from aspartic acid. <b>1989</b> , 45, 6319-6330	46
1040	An unexpected ring-opening in the reissert reaction on 2,3-diphenylquinoxaline-n-oxide.. <b>1989</b> , 45, 7795-7804	3
1039	Synthesis of (+)-palitantin. <b>1989</b> , 45, 6623-6630	22
1038	Première synthèse totale de la girolline. <b>1989</b> , 45, 6713-6720	23
1037	Synthesis of 4- and 5-substituted 10-oxatricyclo[5.2.1.0 <sup>2,6</sup> ]decadienones. Functionalization of the cyclo-adduct of furan and cyclopenten-1,4-dione.. <b>1989</b> , 45, 7109-7133	10
1036	Synthesis of cyclopentadienone epoxides from 10-oxatricyclodecadienones.. <b>1989</b> , 45, 7134-7148	23
1035	Selective bis-hydride reduction of tosylmethyl-substituted tricyclic enones by lithium aluminium hydride synthesis of $\beta$ -methylene cyclopentenoids. <b>1989</b> , 45, 7149-7160	3
1034	Diastereoselectivity in the cyclization of 1-[2-(benzyloxymethyl)-3-butenyl]-5-ethoxy-2-pyrrolidinones. <b>1989</b> , 45, 7553-7564	8
1033	Asymmetric synthesis of protected $\beta$ -fluoroglycines. <b>1989</b> , 30, 7457-7460	25
1032	Synthesis of the Pyrrolo[2,3-i]isoquinoline Substructure of the Manzamine Family of Alkaloids. <b>1989</b> , 30, 2611-2614	43

1031	The preparation and alkylation of $\beta$ -sultam mono- and dianions. <b>1989</b> , 30, 2873-2876	6
1030	1-chloro-1-phosphairenes - a new synthesis from phosphalkenes and carbenes. <b>1989</b> , 30, 3951-3954	12
1029	The vinylogous conia rearrangement: A masked ene reaction. <b>1989</b> , 30, 4329-4332	8
1028	Allergic contact dermatitis to Ginkgo biloba L.: relationship with urushiol. <b>1989</b> , 281, 227-30	57
1027	A novel efficient approach to the Synthesis of 6-Oxo Ethinylestradiol and its 3-isopropanesulfonate. <b>1989</b> , 331, 223-230	5
1026	Symbiotic micro-organisms of insects: A potential new source for biologically active substances. <b>1989</b> , 27, 117-131	9
1025	Effect of Desmodium adscendens fraction F1 (DAF1) on tone and agonist-induced contractions of guinea pig airway smooth muscle. <b>1989</b> , 3, 85-90	9
1024	8,16- And 8,18-methanobacteriorhodopsin. Synthesis and spectroscopy of 8,16- and 8,18-methanoretinal and their interaction with bacterioopsin. <b>1989</b> , 108, 83-93	13
1023	Total enantiospecific syntheses of 13(S)-hydroxy 9Z, 11E-octadecadienoic (coriolic) acid and 13(S)-N-tosylamino analogue. <b>1989</b> , 45, 2057-2065	22
1022	Syntheses of enantiomerically pure 9(S)- and 9(R)-hete from D-mannitol. Use of a malic dialdehyde equivalent.. <b>1989</b> , 45, 7317-7328	9
1021	The use of new chromatographic techniques for the isolation and purification of phenolic acids from Indigofera heterantha. <b>1989</b> , 466, 399-402	8
1020	Sulfation of mono- and diaryl oximes by aryl sulfotransferase isozymes. <b>1989</b> , 991, 453-8	5
1019	Synthesis of $^{125}\text{I}$ labeled N-succinimidyl p-iodobenzoate for use in radiolabeling antibodies. <b>1989</b> , 16, 727-33	6
1018	Phenols and Phenolic Acids. <b>1989</b> , 1, 29-73	24
1017	Production and characterisation of antibodies to vanillylmandelic acid. <b>1989</b> , 118, 101-7	7
1016	2-ethynyl-naphthalene as a mechanism-based inactivator of the cytochrome P-450 catalyzed N-oxidation of 2-naphthylamine. <b>1989</b> , 2, 367-74	33
1015	A CONVENIENT $\beta$ -HYDROGEN TRANSFER $\beta$ -HYDROGENATION OF TESTOSTERONE. <b>1989</b> , 21, 515-517	2
1014	Preparation, analysis, and anticholinesterase properties of O,O-dimethyl phosphorothioate isomerides. <b>1989</b> , 2, 386-91	46

1013	A Diastereoselective Preparation of 7-Ethyl-7-methylbicyclo[3.2.0]HEPT-2-en-6-one(1). <b>1989</b> , 19, 3553-3560	1
1012	The existence of second-row anomeric interactions. Conformational analysis of 2-substituted 5-methyl-5-aza-1,3-dithiacyclohexanes. <b>1989</b> , 111, 6745-6749	23
1011	Iron porphyrins in the Permian Kupferschiefer of the lower Rhine Basin, N.W. Germany. <b>1989</b> , 14, 659-666	18
1010	Synthesis of 9 alpha-hydroxysteroids by a <i>Rhodococcus</i> sp. <b>1989</b> , 54, 271-86	22
1009	Synthesis and <sup>13</sup> C-NMR analysis of 5 alpha- and 5 beta-cholestane-3,6-dione. <b>1989</b> , 54, 333-44	9
1008	Novel synthesis of 2-fluoroestradiol from 19-nortestosterone: biomimetic oxidative defluorination to 2-hydroxyestradiol. <b>1989</b> , 53, 649-61	7
1007	6,7-Dihydroxy-6,7-dihydrocanrenone isomers: improved synthesis and proton NMR study. <b>1989</b> , 54, 113-22	10
1006	Hydroboration of 5 alpha-ergost-8-en-3 beta-ol. <b>1989</b> , 54, 133-43	3
1005	An electron spin resonance study of oxyradical generation in superoxide dismutase- and catalase-deficient mutants of <i>Escherichia coli</i> K-12. <b>1989</b> , 271, 323-31	9
1004	Cholesteryl oleate: Mounting sex pheromone of the hard tick <i>Dermacentor variabilis</i> (Say) (Acari: Ixodidae). <b>1989</b> , 35, 873-879	27
1003	Hydroxylated 2,3-diarylindenes: synthesis, estrogen receptor binding affinity, and binding orientation considerations. <b>1989</b> , 33, 877-87	18
1002	Long-acting estrogenic responses of estradiol fatty acid esters. <b>1989</b> , 33, 1111-8	19
1001	The effect of ifosfamide and its metabolites on intracellular glutathione levels in vitro and in vivo. <b>1989</b> , 38, 1835-40	71
1000	The synthesis of 2'-deoxy- $\beta$ -disaccharides: Novel approaches. <i>Carbohydrate Research</i> , <b>1989</b> , 191, 29-52	2.9 53
999	Some phytochemical aspects of medicinal plant research. <b>1989</b> , 25, 43-59	9
998	A One-Step Conversion of Certain Indole and Pyrrole Glyoxylic Acid Esters to the Corresponding Acetates. <b>1989</b> , 19, 2585-2594	16
997	Synthesis and anticholinesterasic activity of some .alpha.-thiosubstituted O-(methylcarbamoyl)oximes. <b>1989</b> , 37, 173-177	4
996	SUBSTITUTED 4,5-DIOXO-1,3-DIAZA-2,3,4,4-DIPHOSPHOLANE AND RELATED COMPOUNDS. <b>1989</b> , 44, 193-195	2

- 995 Acyclic Nucleosides. Synthesis and Antiherpetic Activity of 9-[[[2-Hydroxy-1-(Hydroxymethyl)Ethyl]Thio]Methyl]Guanine and 1-[[[2-Hydroxy-1-(Hydroxymethyl)Ethyl]Thio]Methyl]Cytosine. **1989**, 8, 475-489 3
- 994 Electrophilic Reactions of Dithio-Substituted o-Methoxycinnamylithium. **1989**, 36, 469-477 2
- 993 Concerning the Stereochemistry of SE'-Type Reactions. **1989**, 29, 321-343 28
- 992 Photoaffinity labelling of isopenicillin N synthetase by laser-flash photolysis. **1989**, 261, 197-204 19
- 991 Structure-activity studies of 20-deoxo-20-amino derivatives of tylosin-related macrolides. **1989**, 42, 1673-83 14
- 990 Phase Transfer Catalyzed Aromatic Nucleophilic Substitution of Triflate Esters of 2-and 4-Nitro-estrone. **1990**, 20, 2417-2421 3
- 989 Branched-chain fatty acids produced by mutants of *Streptomyces fradiae*, putative precursors of the lactone ring of tylosin. **1990**, 34, 1535-41 20
- 988 Side-Chain Introduction In 16 $\beta$ -Acetoxy-17-oxo-androstanes. **1990**, 20, 3115-3124 6
- 987 7,7-Disubstituted Derivatives of 4,4 $\beta$ -Trimethyl-trans-Decal-3 $\beta$ -ol(TMD). **1990**, 20, 2723-2731 1
- 986 C60 Research at the University of California at Berkeley. **1990**, 206, 667
- 985 Photochromism of a Furylfulgide, 2-[1-(2,5-Dimethyl-3-furyl)ethylidene]-3-isopropylidenesuccinic Anhydride in Solvents and Polymer Films. **1990**, 63, 1607-1610 53
- 984 Conversion of 19-oxo[2 beta-2H]androgens into oestrogens by human placental aromatase. An unexpected stereochemical outcome. **1990**, 268, 553-61 44
- 983 Photoaffinity-labeling analogs of phlorizin and phloretin: synthesis and effects on cell membranes. **1990**, 191, 755-80 14
- 982 Preparation of functionalised anthra[b]cyclobutenes from 3,6-dimethoxybenzocyclobutenone. **1990**, 46, 6851-6858 11
- 981 Conjugate addition of cuprate reagents to chromones: A route to 2-substituted chroman-4-ones. **1990**, 46, 3029-3036 28
- 980 A novel synthesis of both enantiomers of  $\beta$ -hydroxycarboxylic esters amides from ( $\beta$ -1-chlorobutyl p-tolyl sulfoxide. **1990**, 31, 3567-3570 21
- 979 Effects of 1-ethynylpyrene and related inhibitors of P450 isozymes upon benzo[a]pyrene metabolism by liver microsomes. **1990**, 76, 181-92 19
- 978 Aldehyde oxidases and dehydrogenases in antennae of five moth species. **1990**, 20, 691-700 16

977	Synthesis of 4-[3-(1H)-indolyl]-2-[N-guanidinomethyl]thiazole dihydrochloride. <b>1990</b> , 27, 519-521	4
976	Heterocyclic photorearrangements. Photoinduced rearrangement of 3-styryl-1,2,4-oxadiazoles. <b>1990</b> , 27, 861-863	14
975	Preparation of large macrocyclic tetra-amines consisting of a methylene backbone and a cyclophane type skeleton. <b>1990</b> , 27, 893-897	9
974	Regioselective synthesis of trifluoromethylated pyrazoles by selective protection of trifluoromethyl- $\beta$ -diketones. <b>1990</b> , 27, 919-921	24
973	A convenient synthesis of 3-aryl-3,4-dihydroisoquinolinium salts. <b>1990</b> , 27, 1287-1292	10
972	Substituent effects on the photocycloaddition reactions of phenol to benzonitriles. <b>1990</b> , 27, 1323-1327	3
971	Synthesis and antibacterial activity of 2,3-dehydrofloxacin. <b>1990</b> , 27, 1509-1511	8
970	Thiophene systems. 11. The synthesis of novel thieno[4,3,2-de] tricyclic ring systems. <b>1990</b> , 27, 1761-1770	15
969	Synthesis of the penta-glutamyl derivative of N-[4-[N-[3-(2,4-diamino-1,6-dihydro-6-oxo-5-pyrimidinyl)-propyl]amino]benzoyl]-L-glutamic acid (5-DACTHF). An acyclic analogue of tetrahydrofolic acid. <b>1990</b> , 27, 1809-1813	3
968	Synthesis of 6-[[[(hydroxyimino)phenyl]methyl]-1-[(1-methylethyl)sulfonyl]-1H-imidazo[4,5-b]pyridin-2-amine. An aza analogue of enviroxime. <b>1990</b> , 27, 1821-1824	6
967	Methylation of 2,4-dihydro-3H-1,2,4-triazol-3-ones. A structural determination of anhydro-5-aryl-1,4-dimethyl-3-hydroxy-1,2,4-triazolium hydroxides by two dimensional NMR. <b>1990</b> , 27, 1957-1961	4
966	Synthesis and $^{13}\text{C}$ NMR spectra of cis- and trans-{2-(haloaryl)-2-[(1H-imidazol)-1-yl]methyl}-1,3-dioxolane-4-methanols. <b>1990</b> , 27, 2053-2061	9
965	Reaction of reissert anion with aldimines: A new approach to the imidazo[5,1- $\beta$ ]isoquinoline ring system. <b>1990</b> , 27, 2129-2132	4
964	Synthetic entries to 6-fluoro-7-substituted indole derivatives. <b>1990</b> , 27, 2151-2163	30
963	Synthesis of various 5-substituted uracils. <b>1990</b> , 27, 2165-2173	101
962	Induction of male sexual behavior by norethisterone: role of its A-ring reduced metabolites. <b>1990</b> , 37, 477-84	12
961	Determination of hopanoid levels in bacteria using high-performance liquid chromatography. <b>1990</b> , 184, 395-9	12
960	A general approach to carbocyclic sugar analogs: preparation of a carbocyclic analog of beta-D-fructofuranose. <i>Carbohydrate Research</i> , <b>1990</b> , 206, 233-50	2.9 15

- 959 Novel methods for the preparation of partially acetylated carbohydrates. *Carbohydrate Research*, **1990**, 202, 67-79 2.9 36
- 958 Reactive pseudo-oligosaccharides as potential irreversible inhibitors for sugar-binding proteins: synthesis of the diastereoisomers of (3,4,6/5)-3,4-epoxy-6-( $\beta$ -D-galactopyranosyl-thio)-5-hydroxycyclohexene. *Carbohydrate Research*, **1990**, 200, 355-361 2.9 8
- 957 Reaction of sugars with Meldrum's acid: A route to 3,6-anhydro-2-deoxyaldono-1,4-lactones. *Carbohydrate Research*, **1990**, 201, 223-231 2.9 29
- 956 Reaction of 2-amino-2-deoxy-D-glycero-L-gluco-heptose with cyanamide. *Carbohydrate Research*, **1990**, 198, 363-367 2.9 5
- 955 The first example of C-glucopyranosides. **1990**, 53, 219-230 4
- 954 The use of silica gel coated with liquid paraffin as a stationary phase for chromatographic analysis of phytochemicals. **1990**, 1, 22-25 3
- 953 Organosilane insecticides. Part I: Biological and physical effects of isosteric replacement of silicon for carbon in etofenprox and MTI-800. **1990**, 28, 289-307 23
- 952 New insecticides by replacement of carbon by other Group IV elements. **1990**, 29, 215-225 6
- 951 Prostaglandins and prostaglandin intermediates. 25. Synthesis of PGF<sub>2</sub> $\beta$  Intermediates by addition of 1-metalated hept-1-yne to a substituted cyclopentanecarbaldehyde bearing already the complete carboxylic side chain. **1990**, 332, 169-175 7
- 950 Reactions of molecules with two equivalent functional groups. 2. Acetylation of the isomers of bis(hydroxymethyl)benzene. **1990**, 3, 789-798 7
- 949 Coniferyl benzoate in quaking aspen A ruffed grouse feeding deterrent. **1990**, 16, 1077-87 20
- 948 Sucrose esters of carboxylic acids in glandular trichomes of *Solanum berthaultii* deter settling and probing by green peach aphid. **1990**, 16, 487-97 82
- 947 Preparation of monomeric acrylic ester intermediates using lipase catalysed transesterifications in organic solvents. **1990**, 12, 825-830 37
- 946 Hydrolytic microbial resolution of 1,2-O-isopropylidenglycerol: Improvements by using esters with homologous fatty acids. **1990**, 12, 415-418 11
- 945 Transformationen von  $\beta$ -Glycofuranosylisocyaniden in Tetrahydrofuran-derivate. **1990**, 121, 683-690 3
- 944 Improved synthesis of 6-deoxy-1,2-O-isopropylidene- $\beta$ -L-talofuranose and 6-deoxy-1,2-O-isopropylidene- $\beta$ -L-idofuranose. **1990**, 121, 691-695 1
- 943 Synthesis, resolution and absolute stereochemical assignment of C1-oxygenated allylsilanes and C3-oxygenated vinylsilanes. **1990**, 1, 801-816 19
- 942 Chiral ligands containing heteroatoms. 6. 1-(2-Pyridylmethyl)pyrrolidine in the chiral catalysis of addition of diethylzinc to benzaldehyde. **1990**, 1, 843-849 31



941	Tricarbonylchromium(0) promoted stereoselective cyclisations of the N-3,4-dimethoxyphenethyl derivatives of the 1-phenyl ethanolamines halostachine, ephedrine and pseudoephedrine to 1-phenyl-N-methyl-7,8-dimethoxy-1,2,4,5-tetrahydrobenzazepines. <b>1990</b> , 1, 33-56	23
940	Influence of the reaction medium on the product distribution of peroxidase-catalysed oxidation of p-cresol. <b>1990</b> , 33, 455-8	13
939	The nitration of pivalophenone with nitronium tetrafluoroborate in sulfolane. <b>1990</b> , 46, 2707-2714	3
938	Synthesis and ionophoric properties of a new series of polyester heterocyclophanes of 3,5-disubstituted 1-methylpyrazole and 2,6-bis(methylene)pyridine. <b>1990</b> , 46, 2917-2926	7
937	Intramolecular [4+2]-cycloadditions of nitroalkenes with olefins. 2. <b>1990</b> , 46, 7373-7392	32
936	Synthesis of 2-(2-oxopyrrolidin-1-yl)-1,4-quinones and a hydrogen-bonded 2-alkylamino-1,4-naphthoquinone. <b>1990</b> , 46, 7923-7932	10
935	Synthesis of the aspidosperma skeleton through allylsilane N-acyliminium cyclization. <b>1990</b> , 46, 4049-4062	16
934	Conjugate addition to 3-(ptolylsulphinyl)chromone: a route to 2-substituted chromones and chiral substituted chroman-4-ones. <b>1990</b> , 46, 6553-6564	33
933	Total synthesis of the L-hexoses. <b>1990</b> , 46, 245-264	117
932	Selective cleavage of t-butylidiphenylsilyl ethers in the presence of t-butyl dimethylsilyl ethers.. <b>1990</b> , 31, 1669-1670	25
931	Cyano substituted ozonides: Preparation, properties and unusual behavior towards reducing agents. <b>1990</b> , 31, 3299-3300	6
930	Conjugate addition of lithium diorganocuprate reagents to the enol tosylate of a 1,2-diketone. <b>1990</b> , 31, 315-318	4
929	New strategy for this construction of carbapenems. Total synthesis of 6-epi PS-5 and PS-5.. <b>1990</b> , 31, 3209-3212	5
928	Novel syntheses of 1-trialkylsilyl-1,3-diynes and 1,4-bis-silyl-1,3-butadiynes from Z-1-methoxy-1-buten-3-yne. <b>1990</b> , 31, 6815-6818	20
927	Synthesis of 1s,2r,3s,4r,5r-methyl[2,3,4-trihydroxy-5-(hydroxymethyl)cyclopentyl]amine: a potent $\beta$ -mannosidase inhibitor. <b>1990</b> , 31, 7109-7112	56
926	Solvent, not palladium oxidation state, is the primary determinant for successful coupling of terminal alkynes with iodo-nucleosides. <b>1990</b> , 31, 3731-3734	59
925	The conversion of olefins to $\beta$ -keto esters: Ozonolysis of olefins followed by in situ reduction with tin(II) chloride in the presence of ethyl diazoacetate.. <b>1990</b> , 31, 4991-4994	12
924	Reactivity of (3-chloro-2-methylenecycloalkyl)palladium chloride dimers: a palladium mediated ring homologation-functionalization approach to the AR-7-7 skeleton of colchicine. <b>1990</b> , 46, 2273-2280	6

923	Heterocyclisations induced by thallium(III) acetate. Effect of varying the internal nucleophile. <b>1990</b> , 46, 2549-2560	15
922	One pot synthesis and conformation of N-t-butyloxycarbonyl, O-Phenacyl derivatives of proline and other secondary amino acids. <b>1990</b> , 46, 565-576	30
921	The clemmensen reduction of pentacyclo [6.4.0.02,7.03,11.06,10]dodecane-9,12-dione. <b>1990</b> , 46, 623-632	11
920	Sulphone-mediated cyclobutanone to $\beta$ -alkoxy-cyclopentanone ring expansion reactions; scope, limitations and applications. <b>1990</b> , 46, 4925-4950	12
919	Total synthesis of (-)-isoavenaciolide and (-)-ethisolide. <b>1990</b> , 46, 5065-5076	18
918	Enzyme catalyzed monohydrolysis of 2-aryl-1,3-propanediol diacetates. A study of structural effects of the aryl moiety on the enantioselectivity. <b>1990</b> , 46, 7081-7092	53
917	Synthesis of cyclopent[b]indolones. <b>1990</b> , 46, 6067-6084	41
916	Stereospecific 1,2 migration reactions during fluorination of 2-methoxy-2-methoxycarbonyl-3-hydroxytetrahydropyrans and the corresponding triflates. <b>1990</b> , 49, 183-195	2
915	Cyclic pentapeptides as models for reverse turns: determination of the equilibrium distribution between type I and type II conformations of Pro-Asn and Pro-Ala beta-turns. <b>1990</b> , 29, 263-87	87
914	PyrometheneBF <sub>2</sub> complexes as laser dyes:1.. <b>1990</b> , 1, 389-399	219
913	Synthesis of Peptides Containing $\beta,\beta$ -Disubstituted $\beta$ -Amino Acids by the Azirine/Oxazolone Method: The (12 $\beta$ 0)-Nonapeptide of the Ionophore Alamethicin. <b>1990</b> , 73, 13-24	53
912	Synthesis of Putative Intermediates on the Monensin Biosynthetic Pathway and Incorporation Experiments with the Monensin-Producing Organism. <b>1990</b> , 73, 239-259	32
911	trans-Disubstituted Cyclohexadienes via Sequential Addition of a Carbon Nucleophile and an Electrophile to (1 $\beta$ -Benzene)tricarboxylchromium: Scope of Carbon Electrophiles. <b>1990</b> , 73, 386-404	43
910	Diastereoselective Spirocyclization of C-(Alkyloxycarbonyl)formimines of 2-Substituted 1HIndole-3-ethanamines (= Tryptamines): Basic Studies. 5th Communication on Indoles, Indolenines, and Indolines. <b>1990</b> , 73, 439-454	12
909	Conformation Analysis of the 8-Membered Ring of 12H-Dibenzo [d, g] [1, 3, 2] dioxathiocines: Symmetric and Asymmetric Conformations. <b>1990</b> , 73, 618-625	11
908	Ein neuer synthetischer Zugang zu Ubichinonen. <b>1990</b> , 73, 790-796	28
907	Photochemical reactions. 152nd Communication. Photochemistry of acylsilanes; photolysis and thermolysis of cyclopropyl silyl ketones. <b>1990</b> , 73, 922-931	4
906	Reaction of 3-Amino-2H-azirines with 2-Amino-4,6-dinitrophenol (Picramic Acid): Synthesis of Quinazoline- and 1,3-Benzoxazole Derivatives. <b>1990</b> , 73, 959-974	16

905	Eine neue Methode zur stereochemischen Analyse offenkettiger terpenoide Carbonyl-Verbindungen. <b>1990</b> , 73, 1087-1107	13
904	(Benzo[4, 5]cyclohepta[1, 2-b]thiophen-4-ylidene)acetic Acids: Novel Non-ulcerogenic Antiinflammatory Agents. <b>1990</b> , 73, 1197-1204	10
903	[Chemistry of alpha-aminonitriles. Aziridine-2-carbonitrile: photochemical formation from 2-aminopropenenitrile]. <b>1990</b> , 73, 1373-90	44
902	Acid-Catalyzed [3,3]-Sigmatropic Rearrangements of N-Propargylanilines. <b>1990</b> , 73, 1515-1573	25
901	Synthesis and Configuration of Some Hydroxymilbemycin Derivatives Including 22,23-Dihydroavermectin B1b Aglycone. <b>1990</b> , 73, 1905-1917	10
900	Bicyclo[4.2.0]octa-1,3,5-triene: 2-Mono- and 2,5-Disubstituted Derivatives via Highly Regioselective Lithiation of Its Cr(CO) <sub>3</sub> Complex and via Reductive Silylation/Oxidation. <b>1990</b> , 73, 1970-1979	15
899	Stoffwechselprodukte von Mikroorganismen. 257. Mitteilung. (3S,5R,6E,8E)-Deca-6,8-dien-1,3,5-triol, ein neues Stoffwechselprodukt von Streptomyces fimbriatus (MILLARDet BURR 1926). <b>1990</b> , 73, 2129-2135	8
898	Synthesis of fluorinated $\beta$ -amino ketones, III. Preparation of fluorinated ketone analogues of phenylalanine, lysine, and p-(Guanidino)phenylalanine. <b>1990</b> , 1990, 1-6	15
897	Structural variations on N-acetylneuraminic acid, 16. A convenient approach to 3-deoxy-D-glycero-D-galacto-nonulosonic acid (KDN), 5-azido-5-deoxy-KDN and 5-deoxy-KDN, and their 4-methylumbelliferyl 2 $\beta$ -glycosides. <b>1990</b> , 1990, 581-586	37
896	Structural variations of N-acetylneuraminic acid, 14. Synthesis of the $\beta$ -methyl ketosides of 4-oxo-, 7-oxo-, and 8-oxo-N-acetylneuraminic acid and the corresponding 7,7- and 8,8-dimethoxy derivatives their behaviour towards CMP-sialate synthase. <b>1990</b> , 1990, 83-91	19
895	Functionally substituted vinyl carbanions, 42. Synthesis of the top half of chlorothricolide. <b>1990</b> , 1990, 883-899	19
894	Biosynthese von Naturstoffen mit einer P ? C-Bindung, V. Das Oxiran-Sauerstoff-Atom des Fosfomyocins entstammt nicht dem Luft-Sauerstoff. <b>1990</b> , 1990, 1055-1061	30
893	Synthese von 4-Acetamido-3,7-anhydro-2-azi-1,2,4-tridesoxy-D-glycero-D-gulo-octitol, einem potentiellen Photoaffinitätsreagens mit guter Affinität zu menschlicher $\beta$ -Hexosaminidase. <b>1990</b> , 1990, 1261-1264	3
892	Polycyclische Aromatische Alkaloide, V. Synthese von 2-Bromleptoclinidinon. <b>1990</b> , 1990, 205-206	15
891	Synthese von Undecose-Derivaten als D-Galactose-Analoga zur spezifischen Modifikation Galactose-bindender Proteine. <b>1990</b> , 1990, 271-275	5
890	Hydroazulene derivatives, II. Enantioselective synthesis of the cyclopentanoid moiety. <b>1990</b> , 1990, 351-354	3
889	Hydroazulene derivatives, III. Enantioselective synthesis of a highly functionalized perhydroazulene. <b>1990</b> , 1990, 355-360	5
888	The synthesis of [2H], [3H], and [14C]-labeled 8 $\beta$ -[(methylthio)methyl]-6-propylergoline mesylate (pergolide mesylate), a potent, long-acting dopamine agonist. <b>1990</b> , 28, 273-295	8

887	The synthesis of 7-chloro-5-pentadeuteriophenyl-1-methyl-1h-1,5-benzodiazepine-2,4(3H, 5H)dione ([2H5]clobazam). <b>1990</b> , 28, 771-783		1
886	Synthesis of 3H-labeled sympathomimetic amines for neuronal mapping. <b>1990</b> , 28, 831-840		3
885	Synthesis of 2-(5-(4-[123I/131I]iodophenyl)pentyl)-oxirane-2-carboxylic acid. <b>1990</b> , 28, 955-966		2
884	Synthesis of [2H5]arecoline for use as internal standard in mass spectrometric assay. <b>1990</b> , 28, 1025-1032		2
883	Synthesis of $\alpha$ - and $\beta$ -tocopherols selectively labelled with deuterium. <b>1990</b> , 28, 1049-1057		22
882	A facile stereospecific synthesis of the [2H6]-isopropyl-labelled metoprolol enantiomers from (2 <i>r</i> )- and (2 <i>S</i> )-glycidyl 3-nitrobenzenesulfonate. <b>1990</b> , 28, 1411-1416		1
881	A synthetic glycopeptide of substance P analogue (SP6-11) with enhanced NK-1 receptor specificity. <b>1990</b> , 79, 74-6		4
880	Chemical synthesis, absolute configuration, and stereochemistry of formation of 10-hydroxywarfarin: a major oxidative metabolite of (+)-(R)-warfarin from hepatic microsomal preparations. <b>1990</b> , 2, 96-105		17
879	Asymmetric Induction in the Wittig-Still Rearrangement of Ethers Containing an Allylic Stereocenter   Diastereocontrol by Allylic Oxygen. <b>1990</b> , 123, 153-168		30
878	Ozonolysen von Olefinen mit vinylstfudigen Chlorsubstituenten auf Polyethylen. <b>1990</b> , 123, 391-397		11
877	Asymmetric Induction in the Wittig-Still Rearrangement of Ethers Containing an Allylic Stereocenter   Diastereocontrol by Allylic Nitrogen. <b>1990</b> , 123, 555-563		27
876	Asymmetric Induction in the [2,3] Wittig Rearrangement by Chiral Substituents in the Allyl Moiety: 1,3-Asymmetric Induction. <b>1990</b> , 123, 917-925		21
875	Ein Cyclobutadiencarboxylat als Hetero-1,3-dien bei Diels-Alder-Reaktionen mit 2H-Azirinen. <b>1990</b> , 123, 927-933		7
874	Use of Magnesium Anthracene BTHF in Synthesis: Generation of Grignard Compounds and Other Reactions with Organic Halides. <b>1990</b> , 123, 1507-1516		11
873	Spacer-modified oligosaccharides as potential affinity reagents for glycosyltransferases: the preparation and enzymic galactosylation of 1,10-bis(2-acetamido-2-deoxy- $\beta$ -D-glucopyranosyloxy)decane. <i>Carbohydrate Research</i> , <b>1990</b> , 204, 141-144	2.9	19
872	De novo synthesis of carbohydrates by stereoselective aldol reaction: L-cladinose. <i>Carbohydrate Research</i> , <b>1990</b> , 202, 13-32	2.9	13
871	Syntheses of trisaccharide C-D-E and tetrasaccharide B-C-D-E fragments found in orthosomycins. <i>Carbohydrate Research</i> , <b>1990</b> , 202, 257-75	2.9	35
870	A novel stereoselective synthesis of N-acetyl- $\beta$ -neuraminosyl-galactose di-saccharide derivatives, using anomeric S-glycosyl xanthates. <i>Carbohydrate Research</i> , <b>1990</b> , 195, 303-308	2.9	92

869	N-p-methoxybenzylidene derivatives of 2-amino-2-deoxy-D-glucose as glycosyl donors: a reinvestigation. <i>Carbohydrate Research</i> , <b>1990</b> , 200, 319-37	2.9	15
868	The synthesis of azocine derivatives by the photocycloaddition of phenols to 1-naphthonitrile and 4-methoxy-1-naphthonitrile. <b>1990</b> , 54, 99-104		3
867	The photocycloaddition of 4-methoxy-1-naphthonitrile and 2-methoxy-1-naphthonitrile with acrylonitrile and 3,4-dihydro-2H-pyran: Facile additions in sunlight. <b>1990</b> , 51, 429-436		6
866	6-(3-Fluoroanilino)-9-(substituted-benzyl)-2-trifluoromethyl-9H-purines with antirhinovirus activity. <b>1990</b> , 25, 623-628		3
865	Synthesis and in vitro characterization of fluorinated U-50488 analogs for PET studies of kappa opioid receptors. <b>1990</b> , 41, 267-73		13
864	Deracemization of axially dissymmetric compounds by enantioselective dehydrohalogenation using chiral lithium amides -II-. <b>1990</b> , 1, 347-350		16
863	Preparation of Fe <sub>4</sub> S <sub>4</sub> iron-sulphur protein analogues with hydrophobic macrocyclic tetrathiol ligand anchored to a 38-membered cyclophane type skeleton. <b>1990</b> , 170, 123-127		10
862	Modified normal-phase ion-pair chromatographic methods for the facile separation and purification of imidazolium-based ionic compounds. <b>2012</b> , 53, 3456-3458		8
861	Rhodium-catalyzed asymmetric hydrogenation of olefins with PhthalaPhos, a new class of chiral supramolecular ligands. <b>2012</b> , 18, 1383-400		54
860	Desymmetrization of prochiral diaryl sulfoxides by an asymmetric sulfoxide-magnesium exchange. <b>2012</b> , 18, 3136-40		11
859	Stereoselectivity in (Z)-Vinylmetal Additions to the Dictyostatin C109 $\beta$ -Silyloxy Aldehyde. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 144-153	3.2	1
858	Towards the Total Synthesis of Mycaperoxide B: Probing Biosynthetic Rationale. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 1209-1216	3.2	10
857	Intramolecular cycloaddition reactions of cis-1,2-dihydrocatechol derivatives incorporating C3-tethered diazoketones, nitrile oxides, and azides: stereocontrolled routes to enantiomerically pure spiro[5.5]undecanes and related systems. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 7100-11	4.2	5
856	Synthesis and preliminary in vitro biological evaluation of 7 $\beta$ -testosterone-chlorambucil hybrid designed for the treatment of prostate cancer. <b>2013</b> , 64, 442-7		15
855	Synthesis of enantiomerically pure model compounds of the glucose-6-phosphate-T1-translocase inhibitors kodaistatins AD. Inferences with regard to the stereostructure of the natural products. <b>2013</b> , 69, 7785-7809		8
854	(1-bromovinyl)-MIDA boronate: a readily accessible and highly versatile building block for small molecule synthesis. <b>2013</b> , 69, 7732-7732		30
853	A C-H oxidation approach for streamlining synthesis of chiral polyoxygenated motifs. <b>2013</b> , 69, 7771-7778		23
852	New cycloaddition/fragmentation strategies for preparing 5-7-5 and 5-7-6 fused tricyclic ring systems. <b>2013</b> , 69, 7831-7839		1

851	A New Method for the Synthesis of Symmetrical Disubstituted Pyrazines. <b>2013</b> , 50, 982-984		5
850	Dyeing of synthetic fabrics in water using azoic dyes based on boronic acid derivatives. <b>2013</b> , 14, 1141-1147		7
849	Chemoenzymatic total synthesis of the phytotoxic geranylcylohexentriol (-)-phomentrioloxin. <b>2013</b> , 76, 1514-8		24
848	Gram scale synthesis of the C(1)II(9) fragment of amphidinolide C. <b>2013</b> , 69, 8632-8644		23
847	A constrained tricyclic nucleic acid analogue of $\beta$ -L-LNA: investigating the effects of dual conformational restriction on duplex thermal stability. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 9064-75	4.2	18
846	Synthesis of cis- and trans- $\beta$ -l-[4.3.0]bicyclo-DNA monomers for antisense technology: methods for the diastereoselective formation of bicyclic nucleosides. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 9051-63	4.2	11
845	RCM Approach to Complex Polycyclic $\beta$ -Hydroxy $\beta$ -Lactams: Synthesis of Indolizinones and Pyrroloazepinones. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6722-6732	3.2	10
844	A practical method for regiocontrolled one-carbon ring contraction. <b>2013</b> , 69, 5634-5639		4
843	4-[18F]Fluoro-N-methyl-N-(propyl-2-yn-1-yl)benzenesulfonamide ([18F]F-SA): a versatile building block for labeling of peptides, proteins and oligonucleotides with fluorine-18 via Cu(I)-mediated click chemistry. <i>Amino Acids</i> , <b>2013</b> , 44, 1167-80	3.5	19
842	Water soluble and fluorescent copolymers as highly sensitive and selective fluorescent chemosensors for the detection of cyanide anions in biological media. <b>2013</b> , 3, 22168		20
841	Synthesis and unexpected oxidization of the tricyclic core of ugibohlin, isophakellin, and styloguanidine. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 10459-68	4.2	6
840	Total syntheses of the coumarin-containing natural products pimpinellin and fraxetin using Au(I)-catalyzed intramolecular hydroarylation (IMHA) chemistry. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 9876-82	4.2	36
839	Effects of 2-alkyl-2-cyclopropene-1-carboxylic acid ethyl ester on ethylene production and flesh softening of non-astringent persimmon fruit. <b>2013</b> , 84, 96-98		2
838	Design, synthesis, and activity of a series of arylpyrid-3-ylmethanones as type I positive allosteric modulators of $\alpha 7$ nicotinic acetylcholine receptors. <b>2013</b> , 56, 8352-65		12
837	Stereocontrolled Synthesis of a C <sub>n</sub> -6 Building Block for the Unnatural Enantiomers of Important Polyol, Polyene Antibiotics from an Epoxy Alcohol by a Reduction/Conjugate Addition/Hydroxylation Sequence. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6563-6583	3.2	2
836	Stereocontrolled Synthesis of a C <sub>n</sub> -7 Building Block (Eastern Moiety) for the Unnatural Enantiomers of Important Polyol, Polyene Antibiotics Based on a Ring-Closing Metathesis and an Aldol Addition of a Lactone Enolate. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6584-6600	3.2	13
835	Synthesis of a C <sub>n</sub> -6 Building Block Common to Important Polyol, Polyene Antibiotics from a Divinylcarbinol by a Desymmetrizing Sharpless Epoxidation. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6545-6562	3.2	6
834	5-Deazaflavin derivatives as inhibitors of p53 ubiquitination by HDM2. <b>2013</b> , 21, 6868-77		11

833	Indium(III) bromide catalyzed direct azidation of $\beta$ -hydroxyketones using TMSN <sub>3</sub> . <b>2013</b> , 69, 10724-10732		19
832	Studies on the synthesis of a hindered analogue of the antitumour agent CC-1065. <b>2013</b> , 69, 11010-11016		2
831	In vitro leishmanicidal and cytotoxic activities of the glycoalkaloids from <i>Solanum lycocarpum</i> (Solanaceae) fruits. <b>2013</b> , 10, 642-8		26
830	Tools and workflow for structure elucidation of drug degradation products. <b>2013</b> , 49, 89-99		18
829	Structure Elucidation and Total Synthesis of Altenuic Acid III and Studies towards the Total Synthesis of Altenuic Acid II. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6420-6432	3.2	21
828	Peptidyl cyclopropanones: reversible inhibitors, irreversible inhibitors, or substrates of cysteine proteases?. <b>2013</b> , 22, 788-99		3
827	Palladium-catalyzed Saegusa-Ito oxidation: synthesis of $\beta,\beta$ -unsaturated carbonyl compounds from trimethylsilyl enol ethers. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 776-9	4.2	28
826	Thermal, non-catalyzed Huisgen cycloaddition for the preparation of 4,5-bis(trimethylsilyl)-1H-1,2,3-triazoles. <b>2013</b> , 54, 272-276		5
825	1-Alkyl- and ( $\pm$ )-1,2-dialkyl-2,3-dihydro-1,8-naphthyridin-4(1H)-ones by a tandem Michael-SNAr annulation reaction. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 2144-8	4.2	8
824	Regioselective arylation of uracil and 4-pyridone derivatives via copper(I) bromide mediated C-H bond activation. <b>2013</b> , 69, 1387-1396		18
823	Intramolecular photo-cyclization and consecutive rearrangement reactions of diazo-functionalized olefin-esters. <b>2013</b> , 252, 183-193		3
822	Novel biphenyl organocatalysts for iminium ion-catalyzed asymmetric epoxidation. <b>2013</b> , 69, 758-769		10
821	Environmental and economic analysis for selection and engineering sustainable API degenotoxification processes. <b>2013</b> , 15, 210-225		44
820	Assessment of new gem-silanediods as suitable sensitizers for dye-sensitized solar cells. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 723, 198-206	2.3	11
819	Preparative isolation of Heteroclitin D from <i>Kadsurae Caulis</i> using normal-phase flash chromatography. <b>2013</b> , 3, 456-459		5
818	From toluene to triquinanes: formal total syntheses of the sesquiterpenoid natural products ( $\beta$ -hydnophilin and $\beta$ -coriolin. <b>2013</b> , 69, 1363-1368		21
817	Unusual biotransformation products of the sesquiterpene lactone budlein A by <i>Aspergillus</i> species. <b>2013</b> , 96, 92-100		10
816	Tetrahydroquinolines by Lewis Acid-promoted Friedel-Crafts Cyclizations. <b>2013</b> , 45, 28-43		4

815	Ammonium Chloride-catalyzed Synthesis of Benzo-fused Heterocycles from o-Substituted Anilines and Orthoesters. <b>2013</b> , 45, 57-65		24
814	A fast and inexpensive procedure for the isolation of synthetic cannabinoids from 'Spice' products using a flash chromatography system. <b>2013</b> , 405, 3929-35		13
813	Nitrated fatty acids: synthesis and measurement. <b>2013</b> , 59, 14-26		45
812	Organic Chromophores Based on a Fused Bis-Thiazole Core and Their Application in Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 1916-1928	3.2	43
811	pH-triggered nanoparticle mediated delivery of siRNA to liver cells in vitro and in vivo. <b>2013</b> , 24, 314-32		35
810	Regioselective cycloaddition reactions of boryl- and silylbenzynes with 1,3-dipoles: selective synthesis of benzo-fusedazole derivatives. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 2965-83	4.2	59
809	Mild, Rapid, and Inexpensive Microwave-Assisted Synthesis of Allylic and Propargylic Esters. <b>2013</b> , 43, 1460-1468		2
808	A Modern Apparatus for Performing Flash Chromatography: An Experiment for the Organic Laboratory. <i>Journal of Chemical Education</i> , <b>2013</b> , 90, 376-378	2.4	4
807	Enantioselective synthesis of (+)-obolactone based on a symmetry-breaking Wacker monooxidation of a diene. <b>2013</b> , 15, 1294-7		11
806	Synthesis, structural elucidation, and biochemical analysis of immunoactive glucuronosyl diacylglycerides of mycobacteria and corynebacteria. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 2175-90	4.2	21
805	Practical purification of hydrophilic fragments and lead/drug-like molecules by reverse phase flash chromatography: tips, tricks and contemporary developments. <b>2013</b> , 18, 148-54		5
804	Effect of synthetic accessibility on the commercial viability of organic photovoltaics. <b>2013</b> , 6, 711		237
803	Synthesis of the albertoxin III framework. <b>2013</b> , 69, 3683-3689		11
802	Effects of electronics, aromaticity, and solvent polarity on the rate of azaquinone-methide-mediated depolymerization of aromatic carbamate oligomers. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 3159-69	4.2	53
801	Generation of 3-borylbenzynes, their regioselective Diels-Alder reactions, and theoretical analysis. <b>2013</b> , 69, 4338-4352		25
800	Synthetic Studies Concerning the Crinine Alkaloid Haemultine. <i>Australian Journal of Chemistry</i> , <b>2013</b> , 66, 30	1.2	11
799	Synthesis of 6-alkyluridines from 6-cyanouridine via zinc(II) chloride-catalyzed nucleophilic substitution with alkyl Grignard reagents. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 4027-36	4.2	5
798	Synthesis and evaluation of biphenyl compounds as kinesin spindle protein inhibitors. <b>2013</b> , 10, 538-55		3



797	Organogold(I) Phosphanes in Palladium-Catalyzed Cross-Coupling Reactions in Aqueous Media. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 2545-2554	3.2	17
796	Exploitation of a tuned oxidation with N-haloimides in the synthesis of caulibugulones A-D. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 5026-30	4.2	7
795	Asymmetric Formal Total Synthesis of the Stemofoline Alkaloids: The Evolution, Development and Application of a Catalytic Dipolar Cycloaddition Cascade. <b>2013</b> , 69, 7592-7607		16
794	Acetone/heptane as a Solvent System for Combining Chromatography on Silica Gel with Solvent Recycling. <b>2013</b> , 1, 87-90		22
793	Substituted 4-Oxo-1,2,3,4-tetrahydroquinoline-3-carboxylic Esters by a Tandem Imine Addition-SNAr Reaction. <b>2013</b> , 50, 373-380		4
792	Synthesis and evaluation of N-substituted nipecotic acid derivatives with an unsymmetrical bis-aromatic residue attached to a vinyl ether spacer as potential GABA uptake inhibitors. <b>2013</b> , 21, 3363-78		23
791	Highly water soluble dyes based on pyrazolone derivatives of carbohydrates. <b>2013</b> , 69, 2239-2250		11
790	N-Heterocyclic Carbenes Functioning as Monoligating Clamps. <b>2013</b> , 2013, 2841-2848		42
789	Ti-based subunit couplings: a concise, modular synthesis of routienocin methyl ester. <b>2013</b> , 69, 5710-5714		14
788	Studies toward welwitindolinones: formal syntheses of -methylwelwitindolinone C isothiocyanate and related natural products. <b>2013</b> , 69, 5588-5603		25
787	Phase-Switching Depolymerizable Poly(carbamate) Oligomers for Signal Amplification in Quantitative Time-Based Assays. <b>2013</b> , 46, 5177-5183		44
786	An Improved Synthesis of Retinal (Vitamin A Aldehyde). <b>2013</b> , 45, 325-327		1
785	Methods of Isolation and Analysis of Forskolin from <i>Coleus forskohlii</i> . <b>2013</b> , 3325-3343		2
784	A click chemistry approach to 5,5'-disubstituted-3,3'-bisoxazoles from dichloroglyoxime and alkynes: luminescent organometallic iridium and rhenium bisoxazole complexes. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 7298-304	4.2	25
783	Synthesis of complex benzenoids via the intermediate generation of o-benzynes through the hexadehydro-Diels-Alder reaction. <b>2013</b> , 8, 501-8		50
782	Intramolecular Mizoroki-Heck Reaction in the Regioselective Synthesis of 4-Alkylidene-tetrahydroquinolines. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 3013-3022	3.2	9
781	An enzymatic approach to the synthesis of optically pure (3R)- and (3S)-enantiomers of green tea flavor compound 3-hydroxy-3-methylnonane-2,4-dione. <b>2013</b> , 85-86, 93-98		7
780	Synthesis and photophysical properties of fluorescent 2,1,3-benzothiadiazole-triazole-linked glycoconjugates: selective chemosensors for Ni(II). <b>2013</b> , 69, 201-206		37

779	Accessibility of Responsive End-Caps in Films Composed of Stimuli-Responsive, Depolymerizable Poly(phthalaldehydes). <b>2013</b> , 46, 7257-7265		37
778	Synthesis and characterization of sulfated Gal- $\beta$ -1,3/4-GlcNAc disaccharides through consecutive protection/glycosylation steps. <b>2013</b> , 8, 1536-50		21
777	The small molecule dispergo tubulates the endoplasmic reticulum and inhibits export. <b>2013</b> , 24, 1020-9		6
776	Liquid Chromatography in Columns. <b>2013</b> , 183-276		
775	Research as an Introductory Course: Engaging First-Year Students in Authentic Chemistry Research through the Freshman Research Initiative Program. <b>2013</b> , 121-145		1
774	Chromatography, Liquid. <b>2013</b> , 1		0
773	Synthetic Studies of Kinamycin Antibiotics: Stereoselective Synthesis of the Highly Oxygenated D-Ring and Construction of the ABD-Ring System of Kinamycins. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6181-6189	3.2	5
772	Non-classical transformation of benzenediazonium hydrogen sulfates. Access to 1,3-dimethylisochromeno[4,3-c]pyrazol-5(1H)-one, a potential benzodiazepine receptor ligand. <i>Molecules</i> , <b>2013</b> , 18, 13096-110	4.8	2
771	Examination of the potential for adaptive chirality of the nitrogen chiral center in aza-aspartame. <i>Molecules</i> , <b>2013</b> , 18, 14739-46	4.8	10
770	Anti-Inflammatory and Anti-Pyretic Activity of the Leaf, Root and Saponin Fraction from <i>Vernonia amygdalina</i> . <b>2013</b> , 4, 33-40		4
769	Determination of synthetic by-products and an intermediate in the colour additives D&C Red Nos 27 and 28 (phloxine B) and their lakes using conventional HPLC. <b>2014</b> , 31, 979-84		3
768	Isolation and Characterization of 1 $\beta$ -Acetoxypolygodial from <i>Tasmania lanceolata</i> . <b>2014</b> , 3, 1193-1196		3
767	Efficient, scalable and economical preparation of tris(deuterium)- and <sup>13</sup> C-labelled N-methyl-N-nitroso-p-toluenesulfonamide (Diazald $\square$ ) and their conversion to labelled diazomethane. <b>2014</b> , 57, 674-9		9
766	PREPARATIVE ISOLATION OF TETRANDRINE AND FANGCHINOLINE FROM RADIX STEPHANIA TETRANDRINA USING REVERSED-PHASE FLASH CHROMATOGRAPHY. <b>2014</b> , 37, 343-352		3
765	Aminophenylpyrrole Synthesis and Application to Pyrrolo[1,2-c]quinazolinone Synthesis. <b>2014</b> , 88, 1149		6
764	Palladium-Catalyzed Cross-Coupling Reaction of Trialkylbismuthines with 2-Haloazines and Diazines. <b>2014</b> , 88, 1615		10
763	One-step separation and purification of two chromones and one pyrone from <i>Aloe barbadensis</i> Miller: a comparison between reversed-phase flash chromatography and high-speed counter current chromatography. <b>2014</b> , 25, 282-8		4
762	<i>Anadenanthera colubrina</i> (Vell.) Brenan produces steroidal substances that are active against <i>Alternaria alternata</i> (Fr.) Keissler and that may bind to oxysterol-binding proteins. <b>2014</b> , 70, 1815-22		9

761	Ribosylhopane, a novel bacterial hopanoid, as precursor of C35 bacteriohopanepolyols in <i>Streptomyces coelicolor</i> A3(2). <b>2014</b> , 15, 2156-61	16
760	Synthesis, characterization, and evaluation of 10-undecenoic acid-based epithio derivatives as multifunctional additives. <b>2014</b> , 62, 11505-11	5
759	Pyridine-N-Oxide 2-Carboxylic Acid: An Acceptor Group for Organic Sensitizers with Enhanced Anchoring Stability in Dye-Sensitized Solar Cells. <b>2014</b> , 3, 140-152	15
758	Iron-Catalyzed Synthesis of Fused Aromatic Compounds via C-H Bond Activation. <b>2014</b> ,	
757	β- und β-Lipomycin: Totalsynthesen auf der Grundlage sequentieller Stille-Kupplungen und Zuordnung der absoluten Konfiguration aller stereogenen Zentren. <b>2014</b> , 126, 7456-7462	9
756	[7-(Fluoromethyl)-2-naphthyl]methanol. <b>2014</b> , 2014, M818	
755	A concise and efficient synthesis of (+)-preussin. <b>2014</b> , 20,	3
754	Mechanisms underlying the vascular and hypotensive actions of the labdane ent-3-acetoxy-labda-8(17),13-dien-15-oic acid. <b>2014</b> , 726, 66-76	13
753	Unexpected rearrangements of rhodium carbenoids containing a pyrrolidin-1-yl group. <b>2014</b> , 55, 2629-2632	5
752	Structurally diverse low molecular weight activators of the mammalian pre-mRNA 3' cleavage reaction. <b>2014</b> , 22, 834-41	
751	Conjugated C3 symmetric aryl tripyrroles and aryl bipyrrroles: synthesis, optical and electronic properties. <b>2014</b> , 70, 450-458	12
750	Synthesis of 11β-ether-17β-ethinyl-3,17β-estradiols with strong ER antagonist activities. <b>2014</b> , 25, 567-570	1
749	Protecting-group-free O-glycosidation using p-toluenesulfonylhydrazide and glycosyl chloride donors. <i>Carbohydrate Research</i> , <b>2014</b> , 386, 73-7	2.9 14
748	Rational design of a solvatochromic fluorescent uracil analogue with a dual-band ratiometric response based on 3-hydroxychromone. <b>2014</b> , 20, 1998-2009	42
747	Construction of 3-arylpropylamines using Heck arylations. The total synthesis of cinacalcet hydrochloride, alverine, and tolpropamine. <b>2014</b> , 70, 3333-3341	21
746	Synthesis of Dynole 34-2, Dynole 2-24 and Dyngo 4a for investigating dynamin GTPase. <b>2014</b> , 9, 851-70	38
745	Cancer stem cell-specific scavenger receptor CD36 drives glioblastoma progression. <b>2014</b> , 32, 1746-58	127
744	A unified strategy for the synthesis of (1S)-maoecrystal Z, (1S)-trichorabdol A, and (1S)-longikaurin E. <b>2014</b> , 70, 4070-4088	40

- 743 Aminosugar motifs via an allene aziridination strategy. **2014**, 70, 4128-4134 9
- 742 Pd-catalyzed Fukuyama cross-coupling of secondary organozinc reagents for the direct synthesis of unsymmetrical ketones. **2014**, 70, 3259-3265 35
- 741 Concise total synthesis of (–)-actinophyllic acid. **2014**, 70, 4094-4104 22
- 740 Determination of salicinoids by micro-high-performance liquid chromatography and photodiode array detection. **2014**, 25, 185-91 6
- 739 Interaction energies as determinants of the photodimerization of mono-, di-, and triazastilbenes. *Journal of Organic Chemistry*, **2014**, 79, 5448-62 4.2 12
- 738 Stereocontrolled Synthesis of a C<sub>10</sub> Building Block (Southwestern Moiety) for the Unnatural Enantiomers of the Polyene Polyol Antibiotics Filipin III and Pentamycin: A Sultone-Forming Ring-Closing Metathesis for Protection of Homoallylic Alcohols. *European Journal of Organic Chemistry*, **2014**, 2014, 2218-2224 3.2 13
- 737 Synthesis and biological effects of new hybrid compounds composed of benzylguanidines and the alkylating group of busulfan on neuroblastoma cells. **2014**, 24, 2728-33 7
- 736 Cytochrome P450-catalyzed dealkylation of atrazine by *Rhodococcus* sp. strain NI86/21 involves hydrogen atom transfer rather than single electron transfer. **2014**, 43, 12175-86 4.0
- 735 A facile synthesis of enantiopure 7-benzyloxycarbonyl-7-azabicyclo[2.2.1]heptane-2-carboxylic acid. **2014**, 25, 92-97
- 734 Structural insights into competitive antagonism in NMDA receptors. **2014**, 81, 366-78 62
- 733 Synthesis of substituted 4-(1H-indol-6-yl)-1H-indazoles as potential PDK1 inhibitors. **2014**, 70, 318-326 7
- 732 Substituent effects on the turn-on kinetics of rhodamine-based fluorescent pH probes. **2014**, 12, 526-33 37
- 731 Ruthenium-catalyzed asymmetric [2 + 2] cycloadditions between chiral acyl camphorsultam-substituted alkynes and bicyclic alkenes. *Journal of Organic Chemistry*, **2014**, 79, 10002-12 4.2 9
- 730 Preparation of phenols by phthaloyl peroxide-mediated oxidation of arenes. **2014**, 9, 2624-9 18
- 729 1,1-Olefin-bridged bis-(2-indenyl) metallocenes of titanium and zirconium. **2014**, 43, 13219-31 12
- 728 Synthesis and biological evaluation of dual action cyclo-RGD/SMAC mimetic conjugates targeting  $\beta(v)\alpha(3)$ / $\beta(v)\alpha(5)$  integrins and IAP proteins. **2014**, 12, 3288-302 17
- 727 The pentafluorosulfanyl group in cannabinoid receptor ligands: synthesis and comparison with trifluoromethyl and tert-butyl analogues. **2014**, 4, 20164-20176 34
- 726 Redox and Lewis acid relay catalysis: a titanocene/zinc catalytic platform in the development of multicomponent coupling reactions. *Journal of Organic Chemistry*, **2014**, 79, 12083-95 4.2 7

725	Pd-catalyzed direct C <sub>H</sub> arylation of thieno[3,4-c]pyrrole-4,6-dione (TPD): a step-economical synthetic alternative to access TPD-centred symmetrical small molecules. <b>2014</b> , 4, 35868-35878		15
724	C7-derivatization of C3-alkylindoles including tryptophans and tryptamines. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11254-63	4.2	70
723	Development of a tripartite solvent blend for sustainable chromatography. <b>2014</b> , 16, 4102-4105		6
722	Directional properties of fluorenylidene moieties in unsymmetrically substituted N-heterocyclic carbenes. Unexpected CH activation of a methylfluorenyl group with palladium. Use in palladium catalysed Suzuki-Miyaura cross coupling of aryl chlorides. <b>2014</b> , 43, 12251-62		20
721	Multivalent agents containing 1-substituted 2,3,4-trihydroxyphenyl moieties as novel synthetic polyphenols directed against HIV-1. <b>2014</b> , 12, 5278-94		13
720	Accessing 2,1-borazaronaphthols: self-arylation of 1-alkyl-2-aryl-3-bromo-2,1-borazaronaphthalenes. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 8339-47	4.2	20
719	Solvatochromism in Diketopyrrolopyrrole Derivatives: Experimental and Computational Studies. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 1330	1.2	15
718	9.07 High-Throughput Purification in Support of Pharmaceutical Discovery. <b>2014</b> , 160-180		2
717	Total syntheses of cis-cyclopropane fatty acids: dihydromalvalic acid, dihydrosterculic acid, lactobacillic acid, and 9,10-methylenehexadecanoic acid. <b>2014</b> , 12, 9427-38		19
716	A cleavable silica-binding affinity tag for rapid and inexpensive protein purification. <b>2014</b> , 111, 2019-26		27
715	Ruthenium-Catalyzed [2 + 2] Cycloadditions between Norbornene and Propargylic Alcohols or Their Derivatives. <b>2014</b> , 33, 3847-3856		14
714	Metal-free protodeboronation of electron-rich arene boronic acids and its application to ortho-functionalization of electron-rich arenes using a boronic acid as a blocking group. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 7277-85	4.2	35
713	9.08 Use of Industrial Scale Chromatography in Pharmaceutical Manufacturing. <b>2014</b> , 181-206		1
712	Total Synthesis of (–)-1-Acetylaspidalbidine and (–)-1-Methylaspidospermidine. <b>2014</b> , 356, 340-346		24
711	A systematic study of the effects of relative configuration, protecting group, and enolate type on the diastereoselectivities of aldol reactions of a chiral ethyl ketone with 2-methylpropanal. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 6868-94	4.2	7
710	Synthesis and biological evaluation of 2-anilino-4-substituted-7H-pyrrolopyrimidines as PDK1 inhibitors. <b>2014</b> , 22, 3879-86		8
709	Ferrocenes Bearing Highly Extended $\pi$ Systems with Nitrile, Nitro, and Dimethylamino End Groups. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 6686-6695	3.2	10
708	Multicomponent, Mannich-type assembly process for generating novel, biologically-active 2-arylpiperidines and derivatives. <b>2014</b> , 70, 7142-7157		13

- 707 Separation and Solubility of Cis and Trans Isomers in Nanostructured Double-Decker Silsequioxanes. **2014**, 59, 1483-1493 15
- 706 Rapid chemical reaction workup based on a rigid solvent extraction. **2014**, 16, 5238-41 4
- 705 Synthesis of  $\beta$ -chiral- $\alpha,\beta$ -unsaturated carboxylic acid derivatives using chiral auxiliaries. **2014**, 70, 5463-5467 4
- 704 Preparation of both C5' epimers of 5'-C-methyladenosine: reagent control trumps substrate control. *Journal of Organic Chemistry*, **2014**, 79, 3238-43 4.2 20
- 703 1,3-Dipolar cycloadditions of nitrile oxides with 7-oxa- and 7-azabenzonorbornadienes. **2014**, 92, 635-639 10
- 702 Synthesis of a D-ring isomer of galanthamine via a radical-based Smiles rearrangement reaction. *Journal of Organic Chemistry*, **2014**, 79, 6759-64 4.2 17
- 701 Access to pyridyl-substituted 1,3,5-triazines from 4H-pyrido[1,3]oxazin-4-ones via a cyclocondensation process. *Journal of Organic Chemistry*, **2014**, 79, 6579-89 4.2 10
- 700 Fluorescence from bisaryl-substituted maleimide derivatives. **2014**, 13, 859-66 15
- 699 Boron/Zinc Exchange Reaction in the Diastereoselective Arylation of N-Protected L-Proline. *European Journal of Organic Chemistry*, **2014**, 2014, 5364-5369 3.2 12
- 698 1,3-Dipolar cycloaddition of nitrile oxides with C1-substituted 7-oxabenzonorbornadienes. **2014**, 92, 1053-1058 9
- 697 Chemoenzymatic total syntheses of ribisins A, B, and D, polyoxygenated benzofuran derivatives displaying NGF-potentiating properties. *Journal of Organic Chemistry*, **2014**, 79, 2829-42 4.2 30
- 696 Design and synthesis of a hybrid series of potent and selective agonists of  $\beta_7$  nicotinic acetylcholine receptor. **2014**, 78, 401-18 14
- 695 Synthesis and biological evaluation of substituted 3-anilino-quinolin-2(1H)-ones as PDK1 inhibitors. **2014**, 22, 3781-90 13
- 694 Synthesis and antiproliferative activity of new derivatives containing the polycyclic system 5,7:7,13-dimethanopyrazolo[3,4-b]pyrazolo[3',4':2,3]azepino[4,5-f]azocine. **2014**, 72, 1-9 16
- 693 Microwave-assisted extraction of green coffee oil and quantification of diterpenes by HPLC. **2014**, 164, 266-71 47
- 692  $\beta$ - and  $\alpha$ -Lipomycin: total syntheses by sequential stille couplings and assignment of the absolute configuration of all stereogenic centers. **2014**, 53, 7328-34 16
- 691 Synthesis and biological evaluation of substituted 2-anilino-7H-pyrrolopyrimidines as PDK1 inhibitors. **2014**, 70, 4947-4956 5
- 690 Diastereoselective three-component vinylogous Mannich reaction of nitrogen heterocycles, acyl/sulfonyl chlorides, and silyloxyfurans/pyrroles. *Journal of Organic Chemistry*, **2014**, 79, 5673-83 4.2 13

- 689 Investigating hapten clustering as a strategy to enhance vaccines against drugs of abuse. **2014**, 25, 593-600 32
- 688 Synthesis, spectroscopic characterization, and reactivity of water-tolerant Eu<sup>3+</sup>-based precatalysts. **2014**, 53, 6257-63 12
- 687 Enantioselective synthesis of 1-vinyltetrahydroisoquinolines through palladium-catalysed intramolecular allylic amidation with chiral PhthalaPhos ligands. **2014**, 25, 844-850 3
- 686 A comparison of carboxypyridine isomers as sensitizers for dye-sensitized solar cells: assessment of device efficiency and stability. **2014**, 70, 6285-6295 22
- 685 Radical Cyclization and 1,5-Hydrogen Transfer in Selected Aromatic Diazonium Salts. **2014**, 89, 83 2
- 684 Synthesis and purification of iodoaziridines involving quantitative selection of the optimal stationary phase for chromatography. **2014**, 3
- 683 History and Sources of Essential Oil Research. **2015**, 5-42 2
- 682 Crystal structure analyses of azasulfuryltriptides reveal potential for  $\beta$ -turn mimicry. **2015**, 104, 622-8 7
- 681 Synthesis and biological evaluation of several dephosphonated analogues of CMP-Neu5Ac as inhibitors of GM3-synthase. **2015**, 21, 14614-29 14
- 680 The Sialic Acids Waltz: Novel Stereoselective Isomerization of the 1,7-Lactones of N-Acetylneuraminic Acids into the Corresponding  $\beta$ -Lactones and Back to the Free Sialic Acids. **2015**, 4, 1315-1321 7
- 679 Aldol Additions of Titanium and Boron Enolates of Achiral and Chiral  $\beta$ -Lactones to Achiral Model Aldehydes: Simple and Induced Diastereoselectivities. *European Journal of Organic Chemistry*, **2015**, 2015, 7892-7918 3.2 4
- 678 Kinetic Studies on the Palladium(II)-Catalyzed Oxidative Cross-Coupling of Thiophenes with Arylboron Compounds and Their Mechanistic Implications. **2015**, 21, 18407-16 4
- 677 Chimeric RNA Oligonucleotides with Triazole and Phosphate Linkages: Synthesis and RNA Interference. **2015**, 10, 2683-8 6
- 676 Synthesis of (R)-BINOL-Derived (Cyclopentadienone)iron Complexes and Their Application in the Catalytic Asymmetric Hydrogenation of Ketones. *European Journal of Organic Chemistry*, **2015**, 2015, 5526-5536 3.2 39
- 675 Synthesis of a 4-Vinyltetrahydrocarbazole by Palladium-Catalyzed Asymmetric Allylic Alkylation of Indole-Containing Allylic Carbonates. *European Journal of Organic Chemistry*, **2015**, 2015, 6669-6678 3.2 12
- 674 1,1'-Dialkynylferrocenes as Substrates for Bidirectional Alkyne Metathesis Reaction. *European Journal of Organic Chemistry*, **2015**, 2015, 4510-4518 3.2 7
- 673 Synthesis of Tetrahydro-1,2-oxazines and Pyrrolidines via Cycloadditions of Donor-Acceptor Cyclobutanes and Nitrosoarenes. *European Journal of Organic Chemistry*, **2015**, 2015, 4900-4906 3.2 17
- 672 Isolation and analgesic property of lupeol from *Diospyros mespiliformis* stem bark. **2015**, 9, 813-819 7

- 671 Synthesis and Antiplasmodial Evaluation of Analogues Based on the Tricyclic Core of Thiaplakortones A-D. **2015**, 13, 5784-95 3
- 670 Biological activities and cytotoxicity of diterpenes from *Copaifera* spp. Oleoresins. *Molecules*, **2015**, 20, 6194-210 4.8 37
- 669 Practical synthesis of cytidine-5-carboxamide-modified nucleotide reagents. **2015**, 34, 180-98 7
- 668 Hemisynthesis of deuteriated adenosylhopane and conversion into bacteriohopanetetrol by a cell-free system from *Methylobacterium organophilum*. **2015**, 13, 3393-405 8
- 667 Synthesis and photosensitivity of isoxazolin-5-one glycosides. **2015**, 13, 4025-30 5
- 666 De Novo Conception of Small Molecule Modulators Based on Endogenous Peptide Ligands: Pyrrolidiazepin-2-one  $\Gamma$ -Turn Mimics That Differentially Modulate Urotensin II Receptor-Mediated Vasoconstriction ex Vivo. **2015**, 58, 4624-37 20
- 665 Biomimetic Approach toward the Total Synthesis of rac-2-(Acylmethylene)pyrrolidine Alkaloids. *Journal of Organic Chemistry*, **2015**, 80, 6669-78 4.2 9
- 664 Clerodane diterpenes from *Polyalthia longifolia* (Sonn) Thw. var. *pendula*: Potential antimalarial agents for drug resistant *Plasmodium falciparum* infection. **2015**, 169, 176-82 17
- 663 Separation of americium from complex radioactive mixtures using a BTPPhen extraction chromatography resin. **2015**, 91-92, 93-99 12
- 662 Asymmetric Dihydroxylation of Esters and Amides of Methacrylic, Tiglic, and Angelic Acid: No Exception to the Sharpless Mnemonic!. *European Journal of Organic Chemistry*, **2015**, 2015, 2428-2449 3.2 12
- 661 Total syntheses of the resorcylic acid lactone neocosmosin A and its enantiomer. *Journal of Organic Chemistry*, **2015**, 80, 4828-33 4.2 19
- 660 Complete Stereocontrol in the Synthesis of Harmonine and Novel Analogues Facilitated by a Grubbs Z-Selective Cross-Metathesis Catalyst. *Australian Journal of Chemistry*, **2015**, 68, 1815 1.2 2
- 659 Syntheses and Structures of Pseudo-Mauveine Picrate and 3-Phenylamino-5-(2-Methylphenyl)-7-Amino-8-Methylphenazinium Picrate Ethanol Mono-Solvate: The First Crystal Structures of a Mauveine Chromophore and a Synthetic Derivative. **2015**, 39, 711-718 7
- 658 A versatile probe for chemoselective capture and analysis of carbonyl compounds in exhaled breath. **2015**, 7, 6027-6033 8
- 657 Functional chromatographic technique for natural product isolation. **2015**, 13, 2255-9 10
- 656 Synthesis and biological evaluation of indolyl-pyridinyl-propenones having either methuosis or microtubule disruption activity. **2015**, 58, 2489-512 28
- 655 Chemoenzymatic routes to enantiomerically enriched and polyoxygenated perhydro-3,5a-methanoindeno[4,5-c]furans related to the tashironin class of sesquiterpenes. *Journal of Organic Chemistry*, **2015**, 80, 2930-6 4.2 6
- 654 Friedel-Crafts Arylation of  $\beta$ -Hydroxy Ketones: Synthesis of 1,2,2-Tetraarylethanones. *European Journal of Organic Chemistry*, **2015**, 2015, 1226-1234 3.2 14



- 653 Rapid preparative isolation of erythrocentaurin from *Enicostemma littorale* by medium-pressure liquid chromatography, its estimation by high-pressure thin-layer chromatography, and its  $\beta$ -amylase inhibitory activity. **2015**, 38, 592-8 8
- 652 First examples of carbene-catalyzed allylation of benzaldehyde with allyltrichlorosilane. **2015**, 12, 1199-1205 2
- 651 Conformationally constrained 2-methylidene 1,3-oxathiane S-oxides: synthesis and nucleophilic additions. **2015**, 71, 1261-1268 5
- 650 Catalytic asymmetric arylation of aliphatic aldehydes using a B/Zn exchange reaction. **2015**, 71, 1202-1206 13
- 649 Pharmaceutical process chemistry: evolution of a contemporary data-rich laboratory environment. *Journal of Organic Chemistry*, **2015**, 80, 2943-58 4.2 27
- 648 Discovery of 1H-pyrazol-3(2H)-ones as potent and selective inhibitors of protein kinase R-like endoplasmic reticulum kinase (PERK). **2015**, 58, 1426-41 43
- 647 Structural and kinetic dissection of the endo- $\beta$ -1,2-mannanase activity of bacterial GH99 glycoside hydrolases from *Bacteroides* spp. **2015**, 21, 1966-77 11
- 646 Regioselective Synthesis of 1,3- and 1,2-Tocopheryl Glyceride Ethers of Carboxylic Acids. *European Journal of Organic Chemistry*, **2015**, 2015, 514-524 3.2 5
- 645 4-Cyano-5-(2-thiophenyl)-pyrazoles are high affinity CB1 receptor ligands. **2015**, 5, 13692-13701 7
- 644 Synthesis of many different types of organic small molecules using one automated process. *Science*, **2015**, 347, 1221-6 33.3 327
- 643 The Conversion of Levoglucosenone into Isolevoglucosenone. *Australian Journal of Chemistry*, **2015**, 68, 593 1.2 14
- 642 Genotoxic Impurities in Pharmaceutical Manufacturing: Sources, Regulations, and Mitigation. **2015**, 115, 8182-229 97
- 641 Synthesis of lemonose derivatives: methyl 4-amino-3-O,4-N-carbonyl-2,4,6-trideoxy-3-C-methyl- $\beta$ -l-lyxo-pyranoside and its phenyl thioglycoside. *Carbohydrate Research*, **2015**, 409, 63-8 2.9 6
- 640 Alkylfluorenyl substituted N-heterocyclic carbenes in copper(I) catalysed hydrosilylation of aldehydes and ketones. **2015**, 44, 13991-8 20
- 639  $\beta$ -Benzylidene digoxin derivatives synthesis and molecular modeling: Evaluation of anticancer and the Na,K-ATPase activity effect. **2015**, 23, 4397-4404 10
- 638 Mechanistic Elucidation of the Arylation of Non-Spectator N-Heterocyclic Carbenes at Copper Using a Combined Experimental and Computational Approach. **2015**, 34, 3497-3507 23
- 637 Investigation of the active turn geometry for the labour delaying activity of indolizidinone and azapeptide modulators of the prostaglandin F<sub>2</sub> $\beta$  receptor. **2015**, 13, 7750-61 8
- 636 Direct Observation of Intermediates Involved in the Interruption of the Bischler-Napieralski Reaction. *Journal of Organic Chemistry*, **2015**, 80, 7403-11 4.2 61

- 635 Flash Chemistry. **2015**, 73-77 2
- 634 Crystal structures of the apo form and a complex of human LMW-PTP with a phosphonic acid provide new evidence of a secondary site potentially related to the anchorage of natural substrates. **2015**, 23, 4462-4471 11
- 633 Synthesis of 1,3-Amino Alcohols, 1,3-Diols, Amines, and Carboxylic Acids from Terminal Alkynes. *Journal of Organic Chemistry*, **2015**, 80, 8604-18 4.2 23
- 632 Vinylogous Reactivity of Oxindoles Bearing Nonsymmetric 3-Alkylidene Groups. *Journal of Organic Chemistry*, **2015**, 80, 7158-71 4.2 20
- 631 Study of the Reactivity of [Hydroxy(tosyloxy)iodo]benzene Toward Enol Esters to Access  $\beta$ -Tosyloxy Ketones. *Journal of Organic Chemistry*, **2015**, 80, 6897-902 4.2 24
- 630 Stereochemical implications in the synthesis of 3,3'-spirocyclopropyl oxindoles from  $\beta$ -aryl/alkyl-substituted alkylidene oxindoles. **2015**, 71, 5765-5775 37
- 629 Antimicrobial polymethacrylates based on quaternized 1,3-thiazole and 1,2,3-triazole side-chain groups. **2015**, 6, 3449-3459 61
- 628 Synthesis of Ruthenium Complexes with a Nonspectator Si,O,P-Chelate Ligand: Interconversion between a Hydrido( $\eta$ -silane) Complex and a Silyl Complex Leading to Catalytic Alkene Hydrogenation. **2015**, 34, 1211-1217 22
- 627 Nicotinic Acid Adenine Dinucleotide Phosphate Analogues Substituted on the Nicotinic Acid and Adenine Ribosides. Effects on Receptor Mediated  $Ca^{2+}$  Release. **2015**, 58, 3593-610 12
- 626 Insight into Transannular Cyclization Reactions To Synthesize Azabicyclo[X.Y.Z]alkanone Amino Acid Derivatives from 8-, 9-, and 10-Membered Macrocyclic Dipeptide Lactams. *Journal of Organic Chemistry*, **2015**, 80, 4904-18 4.2 32
- 625 N-Alkylfluorenyl-substituted N-heterocyclic carbenes as bimodal pincers. **2015**, 44, 9260-8 21
- 624 Identification of an anti-inflammatory derivative with anti-cancer potential: The impact of each of its structural components on inflammatory responses in macrophages and bladder cancer cells. **2015**, 96, 259-68 11
- 623 A Total Synthesis of Galanthamine Involving De Novo Construction of the Aromatic C-Ring. *European Journal of Organic Chemistry*, **2015**, 2015, 3771-3778 3.2 14
- 622 A new methodology to determine the isoeluotropic conditions on ultra-performance flash purification stationary phases from analytical reversed liquid chromatography stationary phase. **2015**, 1397, 59-72 2
- 621 Reactions of Alkynyl- and 1,1'-Dialkynylferrocenes with Tetracyanoethylene Unanticipated Addition at the Less Electron-Rich of Two Triple Bonds. *European Journal of Organic Chemistry*, **2015**, 2015, 2622-2631 3.2 24
- 620 Evaluation of luminol chemiluminescence based on simultaneous introducing of coumarin derivatives as green fluorophores and chitosan-induced Au/Ag alloy nanoparticle as catalyst for the sensitive determination of glucose. **2015**, 25, 263-75 6
- 619 Diastereoselective addition of monoorganocuprates to a chiral fumarate: reaction development and synthesis of (-)-dihydroprotolichesterinic acid. **2015**, 71, 6361-6368 2
- 618 Optimization of the Preparation of a Minor Bioactive Chromone in *Aloe barbadensis* Miller Using Response Surface Methodology and its Isolation by Reversed-Phase Flash Chromatography. **2015**, 50, 744-751 2

617	Natural Products Chemistry: A General Treatment. <b>2015</b> , 243-316		1
616	New, Homochiral Synthons Obtained through Simple Manipulations of Enzymatically Derived 3-Halo-cis-1,2-dihydrocatechols. <i>Australian Journal of Chemistry</i> , <b>2015</b> , 68, 1467	1.2	3
615	Rapid sequential separation of sedimentary lipid biomarkers via selective accelerated solvent extraction. <b>2015</b> , 88, 29-34		9
614	Chemoenzymatic Synthesis of (+)-Asperpentyn and the Enantiomer of the Structure Assigned to Aspergillusol A. <b>2015</b> , 78, 1963-8		26
613	Applications of Ring Closing Metathesis. Total Synthesis of (–)-Pseudotabersonine. <b>2015</b> , 71, 7323-7331		14
612	Development of N-Heterocyclic Carbene-Copper Complexes for 1,3-Halogen Migration. <b>2015</b> , 34, 4164-4173		40
611	Preparation of Halogen-Containing 4H-Pyrido[e][1,3]oxazin-4-ones and Their Transformation into 2-Hydroxypyridinyl-Substituted 1,2,4-Oxadiazoles and 1,2,4-Triazoles. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 3830-3840	3.2	3
610	Design, Synthesis, and Characterization of Small-Molecule Reagents That Cooperatively Provide Dual Readouts for Triaging and, When Necessary, Quantifying Point-of-Need Enzyme Assays. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 10437-45	4.2	10
609	O-H hydrogen bonding promotes H-atom transfer from $\pi$ C-H bonds for C-alkylation of alcohols. <i>Science</i> , <b>2015</b> , 349, 1532-6	33.3	299
608	Vinylogous Nicholas reactions in the synthesis of bi- and tricyclic cycloheptynedicobalt complexes. <b>2015</b> , 13, 10852-64		12
607	Convenient synthesis of organic-electronics-oriented building blocks via on-water and under-air homocoupling of (hetero)aryl iodides. <b>2015</b> , 5, 74180-74188		4
606	Synthesis of functionalised BTPPhen derivatives - effects on solubility and americium extraction. <b>2015</b> , 44, 16547-52		13
605	Preparative isolation of paclitaxel and related taxanes from cell cultures of <i>Taxus chinensis</i> using reversed-phase flash chromatography. <b>2015</b> , 29, 327-30		6
604	Symmetric diarylsulfoxides as asymmetric sulfinylating reagents for dialkylmagnesium compounds. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 897-910	4.2	9
603	Supramolecular Encapsulation of Neutral Diazoacetate Esters and Catalyzed 1,3-Dipolar Cycloaddition Reaction by a Self-Assembled Hexameric Capsule. <b>2015</b> , 7, 291-296		31
602	Synthesis and antimalarial evaluation of amide and urea derivatives based on the thiaplakortone A natural product scaffold. <b>2015</b> , 13, 1558-70		16
601	The First Bidirectional [4+2] Cycloadditions of Benzo[1,2:4,5]dicyclobutenes: Synthesis of Benzo[1,2-f:4,5-f']diisoindole-1,3,7,9-tetraones. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 226-234	3.3	3
600	Modular total syntheses of the marine-derived resorcylic Acid lactones cochliomycins a and B using a late-stage nozaki-hiyama-kishi macrocyclization reaction. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 460-70	4.2	28

- 599 ABC-~~A~~BCE/D Based Approaches to the Pentacyclic Ring System of the Vinca Alkaloids Using Intramolecular Hetero-[2+2]cycloaddition and Gold(I)-Catalyzed 6-endo-dig Cyclisation Protocols. **2015**, 90, 298 4
- 598 The weight of flash chromatography: A tool to predict its mass intensity from thin-layer chromatography. **2016**, 12, 2351-2357 4
- 597 Myelo-protective and haematopoietic effects of seed extract fractions of *Phoenix dactylifera* in Wistar rats. **2016**, 10, 936-944
- 596 The Tetramic Acid Antibiotics  $\beta$ - and  $\beta$ -Lipomycin. **2016**, 12, 37-93
- 595 Synthesis of Functionalized 2-(4-Hydroxyphenyl)-3-methylbenzofuran Allosteric Modulators of Hsp90 Activity. *European Journal of Organic Chemistry*, **2016**, 2016, 3349-3364 3.2 15
- 594 Rational Development of Novel Activity Probes for the Analysis of Human Cytochromes P450. **2016**, 11, 1122-8 4
- 593 ent-Labdane Diterpenoids from *Dodonaea viscosa*. **2016**, 79, 3117-3126 9
- 592 Synthesis of resveratrol tetramers via a stereoconvergent radical equilibrium. *Science*, **2016**, 354, 1260-1265 54
- 591 Exploration of 3-methylisoquinoline-4-carbonitriles as protein kinase A inhibitors of *Plasmodium falciparum*. **2016**, 24, 2389-96 10
- 590 Big Data from Pharmaceutical Patents: A Computational Analysis of Medicinal Chemists' Bread and Butter. **2016**, 59, 4385-402 202
- 589 Neutral Mononuclear Copper(I) Complexes: Synthesis, Crystal Structures, and Photophysical Properties. **2016**, 55, 5845-52 38
- 588 Novel efficient functionalized tetrapyrazolic macrocycle for the selective extraction of lithium cations. **2016**, 72, 2227-2232 11
- 587 Targeting remote axial chirality control of N-(2-tert-butylphenyl)succinimides by means of Michael addition type reactions. **2016**, 72, 5191-5201 16
- 586 Directed ortho-C $\beta$  Silylation Coupled with trans-Selective Hydrogenation of Arylalkynes Catalyzed by Ruthenium Complexes of a Xanthene-Based Si<sub>2</sub>O<sub>2</sub>Si-Chelate Ligand,  $\beta$ -antasil $\beta$ . **2016**, 35, 1209-1217 14
- 585 Methamphetamine Vaccines: Improvement through Hapten Design. **2016**, 59, 3878-85 19
- 584 Ligand-Controlled Synthesis of Azoles via Ir-Catalyzed Reactions of Sulfoxonium Ylides with 2-Amino Heterocycles. *Journal of Organic Chemistry*, **2016**, 81, 4158-69 4.2 62
- 583 Urotensin II((4-11)) Azasulfuryl Peptides: Synthesis and Biological Activity. **2016**, 59, 4740-52 22
- 582 Native functionality in triple catalytic cross-coupling: sp<sup>3</sup>C-H bonds as latent nucleophiles. *Science*, **2016**, 352, 1304-8 33.3 369

- 581 A building block approach to the synthesis of a family of S-linked  $\beta$ -1,6-oligomannosides. *Carbohydrate Research*, **2016**, 429, 38-47 2.9 10
- 580 Antimalarial activity of novel 4-cyano-3-methylisoquinoline inhibitors against Plasmodium falciparum: design, synthesis and biological evaluation. **2016**, 14, 4617-39 11
- 579 Synthesis and characterization of two new tetrapyrazolic macrocycles for the selective extraction of cesium cation. **2016**, 72, 3966-3973 10
- 578 An Eleven-Step Synthesis of Galanthamine from Commercially Available Materials. *European Journal of Organic Chemistry*, **2016**, 2016, 5862-5867 3.2 10
- 577 Bioactivity of Ruta graveolens and Satureja montana Essential Oils on Solanum tuberosum Hairy Roots and Solanum tuberosum Hairy Roots with Meloidogyne chitwoodi Co-cultures. **2016**, 64, 7452-7458 10
- 576 Intramolecular Reactions of Tethered Furan-Based Bis(p-quinodimethanes). *European Journal of Organic Chemistry*, **2016**, 2016, 5559-5568 3.2 5
- 575 The intramolecular 5-exo, 7-endo-dig transition metal-free cyclization sequence of (2-alkynylphenyl) benzyl ethers: synthesis of seven-membered fused benzo[b]furans. **2016**, 18, 6648-6658 3
- 574 Design and Development of a Two-Color Emissive FRET Pair Based on a Photostable Fluorescent Deoxyuridine Donor Presenting a Mega-Stokes Shift. *Journal of Organic Chemistry*, **2016**, 81, 10733-10741<sup>4,2</sup> 8
- 573 Three-Dimensionally Homoconjugated Carbon-Bridged Oligophenylenevinylene for Perovskite Solar Cells. **2016**, 138, 10897-904 26
- 572 Greening Flash Chromatography. **2016**, 4, 4905-4912 15
- 571 Slowing down fat digestion and absorption by an oxadiazolone inhibitor targeting selectively gastric lipolysis. **2016**, 123, 834-848 18
- 570 A Raney Cobalt Mediated Reductive Cyclization Route to the Uleine Alkaloid Gilbertine. *Journal of Organic Chemistry*, **2016**, 81, 10551-10557 4.2 9
- 569 Synthesis and biofilm formation reduction of pyrazole-4-carboxamide derivatives in some Staphylococcus aureus strains. **2016**, 123, 58-68 17
- 568 Asymmetric total synthesis of (±)melotenine A. **2016**, 72, 6107-6112 9
- 567 Synthesis of novel C-symmetric testosterone dimers and evaluation of antiproliferative activity on androgen-dependent and -independent prostate cancer cell lines. **2016**, 115, 98-104 9
- 566 Synthesis of Symmetrical Diaryl Ketones by Cobalt-Catalyzed Reaction of Arylzinc Reagents with Ethyl Chloroformate. *European Journal of Organic Chemistry*, **2016**, 2016, 4554-4560 3.2 19
- 565 Stereoselective glycoconjugation of steroids with selenocarbohydrates. **2016**, 6, 93905-93914 8
- 564 Molecular Engineering of Iridium Blue Emitters Using Aryl N-Heterocyclic Carbene Ligands. **2016**, 2016, 5089-5097 12

- 563 Supramolecular Activation of Hydrogen Peroxide in the Selective Sulfoxidation of Thioethers by a Self-Assembled Hexameric Capsule. **2016**, 358, 3443-3449 27
- 562 Radical Reactions Induced by Visible Light in Dichloromethane Solutions of H<sub>2</sub>O<sub>2</sub>'s Base: Synthetic Applications and Mechanistic Observations. **2016**, 22, 15921-15928 18
- 561 Synthesis and antiproliferative activity of a natural like glycoconjugate polycyclic compound. **2016**, 122, 247-256 4
- 560 Lipid structure influences the ability of glucose monocorynomycolate to signal through Mincle. **2016**, 14, 9267-9277 11
- 559 A Formal Total Synthesis of (–)-Kopsihainanine A Using a Raney-Cobalt Mediated Reductive Cyclization Route to Polyhydroquinolines. *Journal of Organic Chemistry*, **2016**, 81, 8022-8 4.2 3
- 558 Catalytic Macrocyclization Strategies Using Continuous Flow: Formal Total Synthesis of Ivorenolide A. *Journal of Organic Chemistry*, **2016**, 81, 6750-6 4.2 12
- 557 Transition-Metal-Free Decarboxylative Photoredox Coupling of Carboxylic Acids and Alcohols with Aromatic Nitriles. *Journal of Organic Chemistry*, **2016**, 81, 6875-82 4.2 29
- 556 Synthesis of (–)-4,5-dia-Parthenolide, an Unnatural Parthenolide Stereoisomer. *Journal of Organic Chemistry*, **2016**, 81, 11009-11016 4.2 4
- 555 Preparation and Characterization of Lipophilic Doxorubicin Pro-drug Micelles. **2016**, 10
- 554 Protocol for the Synthesis of Ortho-trifluoromethoxylated Aniline Derivatives. **2016**, e53789
- 553 Synthesis of Macrocyclic Lactones via Ring Transformation of 4-( $\beta$ -Hydroxyalkyl)-1,3-oxazol-5(4H)-ones. **2016**, 99, 523-538 1
- 552 Stereoselective synthesis and antitumoral activity of Z-ene pseudoglycosides. **2016**, 14, 6786-94 3
- 551 Synthesis of Glycosyl Amides Using Selenocarboxylates as Traceless Reagents for Amide Bond Formation. *Journal of Organic Chemistry*, **2016**, 81, 5464-73 4.2 12
- 550 Absolute configuration assignment of oxindole derivatives by vibrational circular dichroism exciton coupling. **2016**, 27, 623-638 5
- 549 Synthesis, antiarrhythmic activity, and toxicological evaluation of mexiletine analogues. **2016**, 121, 300-307 15
- 548 Synthesis and biological evaluation of isomeric methoxy substitutions on anti-cancer indolyl-pyridinyl-propenones: Effects on potency and mode of activity. **2016**, 122, 79-91 19
- 547 Tricyclic Quinazoline Alkaloids Conjugated to Ferrocene: Synthesis, Structure, and Redox Behavior of Ferrocenylmethylene-Substituted 7H-Deoxyvasicinones. *European Journal of Organic Chemistry*, **2016**, 2016, 483-492 3.2 5
- 546 Application of constrained aza-valine analogs for Smac mimicry. **2016**, 106, 235-44 14

545	Conversion of the Enzymatically Derived (1S,2S)-3-Bromocyclohexa-3,5-diene-1,2-diol into Enantiomerically Pure Compounds Embodying the Pentacyclic Framework of Vindoline. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1617-26	4.2	16
544	Synthesis of cyclopropanated [2.2.1] heterobicycloalkenes: An improved procedure. <b>2016</b> , 46, 55-62		14
543	Chemoenzymatic Total Syntheses of the Enantiomers of the Protoilludanes 8-Deoxydihydrosugicoline and Radudiol. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2078-86	4.2	24
542	Practical regioselective halogenation of vinylogous esters: synthesis of differentiated mono-haloresorcinols and polyhalogenated resorcinols. <b>2016</b> , 72, 3653-3665		12
541	The molecular structure of thio-ether fatty acids influences PPAR-dependent regulation of lipid metabolism. <b>2016</b> , 24, 1191-203		1
540	Palladium-Catalyzed Ullmann Cross-Coupling/Tandem Reductive Cyclization Route to Key Members of the Uleine Alkaloid Family. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2950-7	4.2	14
539	Identification of Critical Paraoxonase 1 Residues Involved in High Density Lipoprotein Interaction. <b>2016</b> , 291, 1890-1904		21
538	Solanesol extraction from tobacco leaves by Flash chromatography based on molecularly imprinted polymers. <b>2016</b> , 1020, 1-5		13
537	Double conjugation strategy to incorporate lipid adjuvants into multiantigenic vaccines. <b>2016</b> , 7, 2308-2321		22
536	Donor-Acceptor-Donor Thienopyrazines via Pd-Catalyzed C-H Activation as NIR Fluorescent Materials. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 32-42	4.2	45
535	Investigation of benzoyloximes as benzoylating reagents: benzoyl-Oxyma as a selective benzoylating reagent. <b>2016</b> , 14, 97-104		5
534	Micellar promoted alkenes isomerization in water mediated by a cationic half-sandwich Ru(II) complex. <b>2017</b> , 455, 535-539		3
533	Tubulin-binding dibenz[c,e]oxepines: Part 2. Structural variation and biological evaluation as tumour vasculature disrupting agents. <b>2017</b> , 25, 1630-1642		1
532	Synthesis of [Bis(hexamethylene)cyclopentadienone]iron Tricarbonyl and its Application to the Catalytic Reduction of C=O Bonds. <b>2017</b> , 9, 1461-1468		27
531	Redox Couple Involving NO in Aerobic Pd-Catalyzed Oxidation of sp-C-H Bonds: Direct Evidence for Pd-NO/NO Interactions Involved in Oxidation and Reductive Elimination. <b>2017</b> , 139, 1177-1190		22
530	Cu-catalyzed enantioselective allylic alkylation with organolithium reagents. <b>2017</b> , 12, 493-505		7
529	Novel bivalent securinine mimetics as topoisomerase I inhibitors. <b>2017</b> , 8, 320-328		2
528	Photosensitized, energy transfer-mediated organometallic catalysis through electronically excited nickel(II). <i>Science</i> , <b>2017</b> , 355, 380-385	33.3	282

527	A Palladium-Catalyzed Ullmann Cross-Coupling/Reductive Cyclization Route to the Carbazole Natural Products 3-Methyl-9H-carbazole, Glycoborine, Glycozoline, Clauszoline K, Mukonine, and Karapinchamine A. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 4148-4159	4.2	28
526	Catalytic intermolecular hydroaminations of unactivated olefins with secondary alkyl amines. <i>Science</i> , <b>2017</b> , 355, 727-730	33.3	196
525	Biological evaluation of pyridone alkaloids on the endocannabinoid system. <b>2017</b> , 25, 6102-6114		8
524	Towards the Total Synthesis of Gedunin: Construction of the Fully Elaborated ABC Ring System. <b>2017</b> , 6, 583-597		3
523	Cross-Dehydrogenative Coupling (CDC) as Key-Transformations to Various D- $\pi$ A Organic Dyes: C-H/C-H Synthetic Study Directed toward Dye-Sensitized Solar Cells Applications. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 3538-3551	4.2	8
522	Development of Fluorinated Analogues of Perhexiline with Improved Pharmacokinetic Properties and Retained Efficacy. <b>2017</b> , 60, 2780-2789		5
521	Controlling the Substitution Pattern of Hexasubstituted Naphthalenes by Aryne/Siloxyfuran Diels-Alder Additions: Regio- and Stereocontrolled Synthesis of Arizonin C1 Analogs. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2883-2915	3.2	16
520	2-(Trimethylsilyl)phenyl Trimethylsilyl Ethers as Stable and Readily Accessible Benzyne Precursors. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 4242-4253	4.2	22
519	Separation and purification of two taxanes and one xylosyl-containing taxane from <i>Taxus wallichiana</i> Zucc.: A comparison between high-speed countercurrent chromatography and reversed-phase flash chromatography. <b>2017</b> , 40, 1273-1282		5
518	Structure-based design, synthesis and antitumoral evaluation of enulosides. <b>2017</b> , 128, 192-201		3
517	A two-column flash chromatography approach to pyoverdinin production from <i>Pseudomonas putida</i> GB1. <b>2017</b> , 135, 11-13		3
516	Regioselective Bromination of Benzocycloheptadienones for the Synthesis of Substituted 3,4-Benzotropolones Including Goupiolone A. <b>2017</b> , 23, 4537-4541		10
515	Establishing Consensus Stereostructures for the Naphthoquinonopyrano-lactone Natural Products (R)-Arizonin B1 and (R)-Arizonin C1 by Total Syntheses. Diastereocontrol of Oxa-Pictet-Spengler Cyclizations by Protective-Group Optimization. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2512-2539	3.2	12
514	Discovery of a Diaminopyrimidine FLT3 Inhibitor Active against Acute Myeloid Leukemia. <b>2017</b> , 2, 1985-2009		8
513	Inhibition of proinflammatory mediators by coumaroyl lupendioic acid, a new lupane-type triterpene from <i>Careya arborea</i> , on inflammation-induced animal model. <b>2017</b> , 206, 376-392		4
512	Photolysis and cellular toxicities of the organic ultraviolet filter chemical octyl methoxycinnamate and its photoproducts. <b>2017</b> , 19, 851-860		25
511	Aliphatic C-H Bond Iodination by a N-Iodoamide and Isolation of an Elusive N-Amidyl Radical. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7093-7100	4.2	21
510	Iptycene-functionalized silica gel for the purification of fullerenes using flash chromatography. <b>2017</b> , 7, 19026-19029		5



- 509 5,9-Dioxa-13b-Oxophosphanaphtho[3,2,1-de]anthracenes Prepared by Tandem Phospha-Friedel-Crafts Reaction as Hole-/Exciton-Blocking Materials for OLEDs. **2017**, 36, 2622-2631 7
- 508 A Meldrum's Acid Based Multicomponent Synthesis of N-Fmoc-isoxazolidin-5-ones: Entry to N-Fmoc- $\beta$ -amino Acids. *European Journal of Organic Chemistry*, **2017**, 2017, 3265-3273 3.2 5
- 507 Metal Confinement through N-(9-Alkyl)fluorenyl-Substituted N-Heterocyclic Carbenes and Its Consequences in Gold-Catalysed Reactions Involving Enynes. **2017**, 23, 7809-7818 23
- 506 Chemoenzymatic Total Synthesis and Structural Diversification of Tylactone-Based Macrolide Antibiotics through Late-Stage Polyketide Assembly, Tailoring, and C-H Functionalization. **2017**, 139, 7913-7920 51
- 505 Yes, Biochemistry Now Publishes Communications and Something New-From the Bench. **2017**, 56, 2863-2864 0
- 504 2-Cyano-2-indolylpropanoic acid as a chiral derivatizing agent for the absolute configuration assignment of secondary alcohols and primary amines by  $^1\text{H}$  NMR and VCD. **2017**, 28, 762-782 5
- 503 A modular and enantioselective synthesis of the pleuromutilin antibiotics. *Science*, **2017**, 356, 956-959 33.3 42
- 502 Total Syntheses of the Amaryllidaceae Alkaloids Zephycandidine III and Lycosinine A and Their Evaluation as Inhibitors of Acetylcholinesterase. *European Journal of Organic Chemistry*, **2017**, 2017, 4044-4053<sup>4</sup>
- 501 A Unified Approach to the Isomeric  $\beta$ -,  $\beta$ -,  $\beta$ -, and  $\beta$ -Carbolines via their 6,7,8,9-Tetrahydro Counterparts. *Journal of Organic Chemistry*, **2017**, 82, 4328-4335 4.2 29
- 500 A Total Synthesis of (-)-3-O-Demethylmacronine through Rearrangement of a Precursor Embodying the Haemanthidine Alkaloid Framework. *Journal of Organic Chemistry*, **2017**, 82, 4336-4341 4.2 11
- 499 Improved synthesis of glycine, taurine and sulfate conjugated bile acids as reference compounds and internal standards for ESI-MS/MS urinary profiling of inborn errors of bile acid synthesis. **2017**, 204, 43-56 11
- 498 Towards a Total Synthesis of Phenalinolactone Core Diterpenoid 6: Synthesis of a Racemic Decahydrobenzocyclobutaisobenzofuran with a trans-anti-cis Junction of the Isocyclic Rings. *European Journal of Organic Chemistry*, **2017**, 2017, 2950-2963 3.2 3
- 497 Development and Scope of the Arene-Fused Domino Michael/Mannich Reaction: Application to the Total Syntheses of Aspidosperma Alkaloids (-)-Aspidospermidine, (-)-Tabersonine, and (-)-Vincadifformine. *Journal of Organic Chemistry*, **2017**, 82, 521-531 4.2 45
- 496 The Synthesis of Certain Phomentrioloxin A Analogues and Their Evaluation as Herbicidal Agents. *Journal of Organic Chemistry*, **2017**, 82, 211-233 4.2 11
- 495 Evaluation Method of Influence of Catalyst Precursors on Initiation of In-Situ Combustion and Its Dynamics. **2017**, 1
- 494 Synthesis of trans-Configured Enol Ethers by a Sequence of syn-Selective Glycolate Aldol Addition, Hydrolysis, and Grob Fragmentation. *European Journal of Organic Chemistry*, **2017**, 2017, 5789-5794 3.2 1
- 493 Structural basis for IL-1 $\beta$  recognition by a modified DNA aptamer that specifically inhibits IL-1 $\beta$  signaling. **2017**, 8, 810 40
- 492 Synthesis of Homoverrucosanoid-Derived Esters and Evaluation as MDR Modulators. *Journal of Organic Chemistry*, **2017**, 82, 10504-10522 4.2 5

- 491 Small-Molecule Inhibitors of the CD40-CD40L Costimulatory Protein-Protein Interaction. **2017**, 60, 8906-8922 16
- 490 Stereocontrolled Semisyntheses of Elliptone and 12a $\beta$ -Hydroxyelliptone. **2017**, 80, 2751-2755 8
- 489 Facile Purification of Milligram to Gram Quantities of Condensed Tannins According to Mean Degree of Polymerization and Flavan-3-ol Subunit Composition. **2017**, 65, 8072-8082 25
- 488 Direct C $\beta$  Arylation as a Chemoselective Single-Step Access to  $\beta$ -Acceptor $\beta$ -Type Building Blocks. **2017**, 359, 3805-3817 7
- 487 AgII-Mediated Synthesis of  $\beta$ -Fluoroketones by Oxidative Cyclopropanol Opening. *European Journal of Organic Chemistry*, **2017**, 2017, 5872-5879 3.2 19
- 486 Strategies for the synthesis of HBGL3, a glutamic acid derived ligand bearing phenolic and azacarboxylate donor groups at the nitrogen atom. **2017**, 73, 6410-6420 2
- 485 Total Synthesis of the Cyclic Carbonate-Containing Natural Product Aspergillusol B from d-(-)-Tartaric Acid. **2017**, 80, 2088-2093 9
- 484 Microbial Biomass Process Technologies and Management. **2017**, 3 3
- 483 Downstream Processing. **2017**, 109-214 1
- 482 Solvent-Free Synthesis of Cyanoforamides from Carbamoyl Imidazoles. *European Journal of Organic Chemistry*, **2017**, 2017, 5110-5118 3.2 9
- 481 Vernal freeze damage and genetic variation alter tree growth, chemistry, and insect interactions. **2017**, 40, 2743-2753 10
- 480 Experimental and Theoretical Quantification of the Lewis Acidity of Iodine(III) Species. *Journal of Organic Chemistry*, **2017**, 82, 11891-11896 4.2 32
- 479 A Total Synthesis of the Marine Alkaloid Discoipyrrole D. *Journal of Organic Chemistry*, **2017**, 82, 9328-9334 6
- 478 Total synthesis and mass spectrometric analysis of a Mycobacterium tuberculosis phosphatidylglycerol featuring a two-step synthesis of (R)-tuberculostearic acid. **2017**, 15, 7422-7429 5
- 477 Axial stereocontrol in tropos dibenz[c,e]azepines: the individual and cooperative effects of alkyl substituents. **2017**, 15, 10184-10199 7
- 476 Total Synthesis of the Marine Alkaloid Discoipyrrole C via the MoOPH-Mediated Oxidation of a 2,3,5-Trisubstituted Pyrrole. **2017**, 80, 3305-3313 8
- 475 Reducing Diastereomorphous Bis(phosphane oxide) Atropisomers to One Atropisomerically Pure Diphosphane: A New Ligand and a Novel Ligand-Preparation Design. **2017**, 23, 17463-17468 3
- 474 Synthesis, X-ray Crystallographic and Computational Analysis of 2,3-Dideoxy- $\beta$ - and  $\beta$ -D-erythro-Hexopyranosyl Cyanides: Anomeric Effect of the Cyano Group. **2017**, 155-170

473	Developing Neolignans as Proangiogenic Agents: Stereoselective Total Syntheses and Preliminary Biological Evaluations of the Four Guaiacylglycerol 8--4'-Coniferyl Ethers. <b>2017</b> , 2, 7375-7388		5
472	Structure-reactivity correlations of the abnormal Beckmann reaction of dihydrolevoglucosenone oxime. <b>2017</b> , 15, 10105-10115		4
471	The Palladium-Catalyzed Intramolecular Alder-Ene Reactions of O- and N-Linked 1,6-Enynes Incorporating Triethylsilyl Capping Groups. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 12569-12589	4.2	6
470	Photoredox-catalyzed deuteration and tritiation of pharmaceutical compounds. <i>Science</i> , <b>2017</b> , 358, 1182-1187	3.1	268
469	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. <b>2017</b> , 8, 1801-1811		53
468	Six-Step Total Synthesis of Azaspirene. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 9335-9341	4.2	10
467	Synthesis and Evaluation of Agelastatin Derivatives as Potent Modulators for Cancer Invasion and Metastasis. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7720-7731	4.2	11
466	Studies on the Photochemical Rearrangements of Enantiomerically Pure, Polysubstituted, and Variously Annulated Bicyclo[2.2.2]octenones. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 8008-8022	4.2	4
465	Phase Separation Macrocyclization in a Complex Pharmaceutical Setting: Application toward the Synthesis of Vaniprevir. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7576-7582	4.2	11
464	The Synthesis of Certain Derivatives and Analogues of (-)- and (+)-Galanthamine and an Assessment of their Capacities to Inhibit Acetylcholine Esterase. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7869-7886	4.2	9
463	Synthesis and chemical characterization of several perfluorinated sialic acid glycals and evaluation of their antiviral activity against Newcastle disease virus. <b>2017</b> , 8, 1505-1513		7
462	Synthesis of Enantiomerically Pure $\beta$ -Hydroxy Ketones via $\beta$ -Keto Weinreb Amides by a Condensation/Asymmetric-Hydrogenation/Acylation Sequence. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 278-286	3.2	11
461	Synthesis and in vitro evaluation of novel triazole/azide chalcones. <b>2017</b> , 26, 27-43		5
460	Evaluation Method of Influence of Catalyst Precursors on Initiation of In-Situ Combustion and Its Dynamics (Russian). <b>2017</b> ,		2
459	Ultraviolet spectroscopic evaluation of bioactive saponin fraction from the aqueous extract of <i>Vernonia amygdalina</i> [Esteraceae] leaf. <b>2017</b> , 11, 1893		3
458	Purification of Products. <b>2017</b> , 151-164		1
457	Phytochemical and Antimicrobial Characterization. <b>2017</b> , 8, 52		9
456	Preparation of pyridine-stretched 2'-deoxyhypoxanthosine phosphoramidite. <b>2017</b> , 2017, 87-104		2

- 455 Physical Characterization of Chromatographic Components from the Bioactive Aqueous Fraction of *Vernonia amygdalina* [Esteraceae] Leaf. **2017**, 8, 1-8
- 454 Exploration of Strategies for Mechanism-Based Inhibitor Design for Family GH9 endo- $\beta$ -1,2-Mannanases. **2018**, 24, 7464-7473 6
- 453 Bis(arylimidazole) Iridium Picolinate Emitters and Preferential Dipole Orientation in Films. **2018**, 3, 2673-2682 5
- 452 Design and synthesis of new carbohydrate-lithocholic acid conjugates linked via 1,2,3-triazole rings. **2018**, 74, 2009-2019 3
- 451 A Negishi cross-coupling reaction enables the total synthesis of (+)-stachyflin. **2018**, 74, 3348-3357 8
- 450 Toward the total synthesis of citreamicin  $\beta$  Synthesis of the pentacyclic core and GAB-ring annelation model studies. **2018**, 74, 4981-4993 5
- 449 A convergent approach to batzelladine alkaloids. Total syntheses of (+)-batzelladine E, (-)-dehydrobatzelladine C, and (+)-batzelladine K. **2018**, 74, 3188-3197 7
- 448 Design, synthesis, biological activity and structure-activity relationship studies of chalcone derivatives as potential anti-Candida agents. **2018**, 71, 702-712 23
- 447 On the ozonolysis of unsaturated tosylhydrazones as a direct approach to diazocarbonyl compounds. **2018**, 16, 2876-2884 8
- 446 The control of stereochemistry by the pentafluorosulfanyl group. **2018**, 16, 3151-3159 5
- 445 Concise approach to the syntheses of (-)-gliocladin C and related diketopiperazine alkaloids. **2018**, 74, 3329-3338 6
- 444 Site-specific incorporation of quadricyclane into a protein and photocleavage of the quadricyclane ligation adduct. **2018**, 26, 5280-5290 5
- 443 Multiple heteroatom substitution to graphene nanoribbon. **2018**, 4, eaar7181 105
- 442 (Di-tert-butylphosphanylethyl)cyclopentadienylnickel Chelates with Alkyl, Alkenyl, Aryl, and Alkynyl Ligands: Hints to Cumulenylidene Resonance Forms. **2018**, 2018, 31-45 6
- 441 Prochiral Diheteroaryl Sulfoxides and Their Reactions with (S)-Li<sub>2</sub>-BINOLate-Activated Diisobutylmagnesium. *European Journal of Organic Chemistry*, **2018**, 2018, 89-98 3-2 4
- 440 Turning the Nitrogen Atoms of an Ar P-CH -N-N-CH -PAr Motif into Uniquely Configured Stereocenters: A Novel Diphosphane Design for Asymmetric Catalysis. **2018**, 24, 3429-3433 5
- 439 Synthesis of Amino Acid-Derived 1,2,3-Triazoles: Development of a Nontrivial Fluorescent Sensor in Solution for the Enantioselective Sensing of a Carbohydrate and Bovine Serum Albumin Interaction. *Journal of Organic Chemistry*, **2018**, 83, 1348-1357 4-2 17
- 438 Asymmetric Sulfinylations of N-Methylephedrine-Modified Tri- or Tetraalkyl Zincates by Symmetric Diaryl Sulfoxides. *European Journal of Organic Chemistry*, **2018**, 2018, 2518-2530 3-2 1

- 437 Method to build 2,4-substituted selenazole from  $\beta$ -azido diselenide and carboxylic acid: A formal synthesis of selenazofurin. **2018**, 74, 3061-3068 8
- 436 Evolution of a Strategy for the Enantioselective Total Synthesis of (+)-Psiguadial B. *Journal of Organic Chemistry*, **2018**, 83, 6066-6085 4.2 31
- 435 Large effect quantitative trait loci for salicinoid phenolic glycosides in : Implications for gene discovery. **2018**, 8, 3726-3737 4
- 434 Regioselective synthesis and biological evaluation of N-substituted 2-aminoquinazolin-4-ones. **2018**, 16, 4482-4494 6
- 433 Brønsted acid-mediated annulations of pyrroles featuring N-tethered  $\beta,\beta$ -unsaturated ketones and esters: Total syntheses of (–)-tashiromine and (–)-indolizidine 209I. **2018**, 74, 5436-5441 8
- 432 Arbutin Derivatives Isolated from Ancient Proteaceae: Potential Phytochemical Markers Present in *Bellendena*, *Cenarrhens*, and *Persoonia* Genera. **2018**, 81, 1241-1251 12
- 431 Investigating isoindoline, tetrahydroisoquinoline, and tetrahydrobenzazepine scaffolds for their sigma receptor binding properties. **2018**, 151, 557-567 16
- 430 Green/Yellow-Emitting Conjugated Heterocyclic Fluorophores for Luminescent Solar Concentrators. *European Journal of Organic Chemistry*, **2018**, 2018, 2657-2666 3.2 19
- 429 N-linoleoylamino acids as chiral probes of substrate binding by soybean lipoxygenase-1. **2018**, 78, 170-177 3
- 428 Synthesis and Explosion Hazards of 4-Azido-L-phenylalanine. *Journal of Organic Chemistry*, **2018**, 83, 4525-4536 4.5 15
- 427 Manipulating the enone moiety of levoglucosenone: 1,3-Transposition reactions including ones leading to isolevoglucosenone. **2018**, 74, 5000-5011 9
- 426 Whither Organic Synthesis?. **2018**, 58, 11-17 1
- 425 Extraction of carboxylic acid-containing diterpenoids from *Dodonaea viscosa* via pressurised hot water extraction. **2018**, 126, 65-68 5
- 424 Polygodial: A viable natural product scaffold for the rapid synthesis of novel polycyclic pyrrole and pyrrolidine derivatives. **2018**, 74, 1167-1174 6
- 423 The preparation of novel histrionicotoxin analogues and their activity towards the  $\alpha_4\beta_2$  and  $\alpha_7$  nicotinic acetylcholine receptors. **2018**, 74, 1245-1252 3
- 422 Synthesis and structure of two crowded trans-[PdCl<sub>2</sub>L<sub>2</sub>] complexes based on a chiral, calix[4]arene-fused phosphole. **2018**, 139, 172-177 0
- 421 Enantioselective Oxy-Heck/Matsuda Arylations: Expedient Synthesis of Dihydrobenzofuran Systems and Total Synthesis of the Neolignan (–)-Conocarpan. **2018**, 360, 346-365 35
- 420 Mechanistic Studies of the Deslongchamps Annulation. *Journal of Organic Chemistry*, **2018**, 83, 1116-1133. 4.2 4

419	Optimization of Novel 1-Methyl-1 H-Pyrazole-5-carboxamides Leads to High Potency Larval Development Inhibitors of the Barber's Pole Worm. <b>2018</b> , 61, 10875-10894		18
418	Silver-Catalyzed tert-Butyl 3-Oxopent-4-ynoate $\beta$ -Cyclizations: Controlling the Ring Size-Hydroxypyronone or Pulvinone Formation-by Counterion and Additive Optimization. <b>2018</b> , 20, 7455-7460		11
417	Identification and Structure Elucidation of Janthitrems A and D from <i>Penicillium janthinellum</i> and Determination of the Tremorgenic and Anti-Insect Activity of Janthitrems A and B. <b>2018</b> , 66, 13116-13125		12
416	Strong and Selective Ni(II) Extractants Based on Synergistic Mixtures of Sulfonic Acids and Bidentate N-Heterocycles. <b>2018</b> , 36, 437-458		4
415	Employing Pressurized Hot Water Extraction (PHWE) to Explore Natural Products Chemistry in the Undergraduate Laboratory. <b>2018</b> ,		0
414	4-Vinylproline. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 13580-13586	4.2	3
413	Synthetic studies toward the total synthesis of aeroplysinin. <b>2018</b> , 2018, 215-230		
412	Mechanistic Studies on the Base-Promoted Conversion of Alkoxy-Substituted, Ring-Fused gem-Dihalocyclopropanes into Furans: Evidence for a Process Involving Electrocyclic Ring Closure of a Carbonyl Ylide Intermediate. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 13678-13690	4.2	4
411	Separation of $\beta$ -ketoglutaric acid and pyruvic acid from the culture broth of <i>Yarrowia lipolytica</i> WSH-Z06 by chromatographic methods. <b>2018</b> , 34, 1370-1379		2
410	Design, synthesis, and ex vivo evaluation of a selective inhibitor for retinaldehyde dehydrogenase enzymes. <b>2018</b> , 26, 5766-5779		5
409	Azasulfurylpeptide Modulation of CD36-Mediated Inflammation Without Effect on Neovascularization. <b>2018</b> , 6,		5
408	PPAR $\delta$ -sparing thiazolidinediones as insulin sensitizers. Design, synthesis and selection of compounds for clinical development. <b>2018</b> , 26, 5870-5884		3
407	Total Synthesis of (+)-Viridianol, a Marine-Derived Sesquiterpene Embodying the Decahydrocyclobuta[ d]indene Framework. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14049-14056	4.2	10
406	Reductive Cyclization of o-Nitroarylated- $\beta,\beta$ -unsaturated Aldehydes and Ketones with TiCl <sub>4</sub> /HCl or Fe/HCl Leading to 1,2,3,9-Tetrahydro-4 H-carbazol-4-ones and Related Heterocycles. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 12023-12033	4.2	9
405	Total Synthesis of (–)-Crinane from 6,6-Dibromobicyclo[3.1.0]hexane Using a 5- exo- trig Radical Cyclization Reaction to Assemble the C3 $\alpha$ -Arylated Perhydroindole Substructure. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 8493-8498	4.2	6
404	A radical approach to the copper oxidative addition problem: Trifluoromethylation of bromoarenes. <i>Science</i> , <b>2018</b> , 360, 1010-1014	33.3	220
403	Nucleophilic Opening of Donor-Acceptor Cyclopropanes with Indoles via Hydrogen Bond Activation with 1,1,1,3,3,3-Hexafluoroisopropanol. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 6235-6242	4.2	31
402	Chemoenzymatic Syntheses of Some Analogues of the Tricyclic Core of the Anti-Bacterial Agent Platencin and the Biological Evaluation of Certain of their N-Arylpropionamide Derivatives. <i>Australian Journal of Chemistry</i> , <b>2018</b> , 71, 655	1.2	1

401	Second-Generation Synthesis of (+)-Fastigiatine Inspired by Conformational Studies. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 8914-8925	4.2	8
400	Linear and Third-Order Nonlinear Optical Properties of Fe( $\eta$ -C <sub>5</sub> Me <sub>5</sub> )( $\eta$ -dppe)- and trans-Ru( $\eta$ -dppe) <sub>2</sub> -Alkynyl Complexes Containing 2-Fluorenyl End Groups. <b>2018</b> , 37, 2245-2262		15
399	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. <b>2018</b> , 54, 9278-9281		76
398	Regioselective Synthesis of Unsymmetric Tetra- and Pentasubstituted Pyrenes with a Strategy for Primary C-Alkylation at the 2-Position. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 10660-10667	4.2	6
397	Synthesis of Halogenated Anilines by Treatment of N, N-Dialkylaniline N-Oxides with Thionyl Halides. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 11359-11368	4.2	5
396	Isolation of spilanthol from <i>Acmella oleracea</i> based on Green Chemistry and evaluation of its in vitro anti-inflammatory activity. <b>2018</b> , 140, 372-379		10
395	Purple acid phosphatase inhibitors as leads for osteoporosis chemotherapeutics. <b>2018</b> , 157, 462-479		11
394	Isolation and identification of a novel algicidal peptide from mackerel muscle hydrolysate. <b>2018</b> , 1093-1094, 39-46		3
393	Synthesis of Two Tetrasaccharide Pentenyl Glycosides Related to the Pectic Rhamnogalacturonan I Polysaccharide. <i>Molecules</i> , <b>2018</b> , 23,	4.8	2
392	Design, Synthesis, and Evaluation of Novel Immunomodulatory Small Molecules Targeting the CD40/CD154 Costimulatory Protein-Protein Interaction. <i>Molecules</i> , <b>2018</b> , 23,	4.8	9
391	Competitive 1,3-Dipolar Cycloaddition Reactions of an Azomethine Ylide with Aromatic and Carbonyl Groups of Nitro-Substituted Isatoic Anhydrides. <i>Australian Journal of Chemistry</i> , <b>2018</b> , 71, 690	1.2	3
390	Human Topopoisins From Weeds : A Review. <b>2018</b> , 4, 4-15		1
389	Synthesis of a Highly Functionalised and Homochiral 2-Iodocyclohexenone Related to the C-Ring of the Polycyclic, Indole Alkaloids Aspidophytine and Haplophytine. <i>Australian Journal of Chemistry</i> , <b>2018</b> , 71, 573	1.2	3
388	A Novel Impurity-Profilng Workflow with the Combination of Flash-Chromatography, UHPLC-MS, and Multivariate Data Analysis for Highly Pure Drugs: A Study on the Synthetic Cannabinoid MDMB-CHMICA. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10559-10567	7.8	8
387	Ruthenium-catalyzed Bis-Homo-Diels-Alder reaction: searching for commercially available catalysts and expanding the scope of reaction. <b>2018</b> , 96, 1115-1121		4
386	Asymmetric Organocatalytic Sequential Reaction of Structurally Complex Cyclic Hemiacetals and Functionalized Nitro-olefins To Synthesize Diverse Heterocycles. <b>2018</b> , 20, 3609-3612		13
385	The Vinylogous Reactivity of Oxindoles Bearing Non-symmetric 3-Alkylidene Groups. <b>2018</b> , 25-60		
384	Targeting the Remote Control of Axial Chirality in N-(2-tert-butylphenyl)Succinimides via a Desymmetrization Strategy. <b>2018</b> , 61-117		

- 383 Direct Catalytic Synthesis of C(Sp<sup>2</sup>)–C(Sp<sup>3</sup>) Atropisomers with Simultaneous Control of Central and Axial Chirality. **2018**, 119-155
- 382 Structure elucidation of colibactin and its DNA cross-links. *Science*, **2019**, 365, 33-3 92
- 381 Heumann Indole Flow Chemistry Process. *Journal of Organic Chemistry*, **2019**, 84, 10929-10937 4.2 5
- 380 Novel epidithiodiketopiperazines as anti-viral zinc ejectors of the Feline Immunodeficiency Virus (FIV) nucleocapsid protein as a model for HIV infection. **2019**, 27, 4174-4184 5
- 379 Second-generation testosterone-platinum(II) hybrids for site-specific treatment of androgen receptor positive prostate cancer: Design, synthesis and antiproliferative activity. **2019**, 179, 660-666 5
- 378 Stereocontrolled Synthesis of the Aminocyclopentitol Core of Jogyamycin via an Ichikawa Rearrangement Reaction. *Journal of Organic Chemistry*, **2019**, 84, 14092-14100 4.2 4
- 377 Production of long-chain hydroxy fatty acids by *Starmerella bombicola*. **2019**, 19, 2
- 376 Isolation, Identification, and Synthesis of a New Prenylated Cinnamic Acid Derivative from Brazilian Green Propolis and Simultaneous Quantification of Bioactive Components by LC-MS/MS. **2019**, 67, 12303-12312 7
- 375 Synthesis of Heparan Sulfate- and Dermatan Sulfate-Related Oligosaccharides via Iterative Chemoselective Glycosylation Exploiting Conformationally Disarmed [2.2.2] l-Iduronic Lactone Thioglycosides. *Journal of Organic Chemistry*, **2019**, 84, 15063-15078 4.2 5
- 374 Redox-neutral organocatalytic Mitsunobu reactions. *Science*, **2019**, 365, 910-914 33.3 84
- 373 Morpholinomethyl-5-lithiotetrazole: A Reagent for the One-Pot Synthesis of 5-(1-Hydroxyalkyl)tetrazoles. *Journal of Organic Chemistry*, **2019**, 84, 12430-12436 4.2 5
- 372 Calyciphylline B-type Alkaloids: Evolution of a Synthetic Strategy to (-)-Daphlongamine H. *Journal of Organic Chemistry*, **2019**, 84, 14069-14091 4.2 21
- 371 Diversity-Oriented Synthesis of Bioactive Azaspirocycles. **2019**, 75, 130637 8
- 370 Synthesis and evaluation of novel purple acid phosphatase inhibitors. **2019**, 10, 61-71 4
- 369 Electrochemical Quantification of Glycated and Non-glycated Human Serum Albumin in Synthetic Urine. **2019**, 11, 4757-4765 11
- 368 Ruthenium-catalyzed ring-opening reaction of a 3-aza-2-oxabicyclo[2.2.1]hept-5-ene with amines □ an unexpected mode of ring-opening. **2019**, 97, 310-316
- 367 Synthetic Studies on the Marine-Derived Sesquiterpene (+)-Viridianol: Divergent Behaviour of Two Structurally Related, Ring-Fused Cyclopropanes Under the Same Hydrogenolytic Conditions. *Australian Journal of Chemistry*, **2019**, 72, 305 1.2 2
- 366 Chiral (cyclopentadienone)iron complexes with a stereogenic plane as pre-catalysts for the asymmetric hydrogenation of polar double bonds. **2019**, 75, 1415-1424 12



365	Mechanistic Insight into Catalytic Redox-Neutral C-H Bond Activation Involving Manganese(I) Carbonyls: Catalyst Activation, Turnover, and Deactivation Pathways Reveal an Intricate Network of Steps. <b>2019</b> , 141, 2316-2328		28
364	Catalytic asymmetric synthesis of 3-aryl phthalides enabled by arylation-lactonization of 2-formylbenzoates. <b>2019</b> , 17, 283-289		8
363	Quasi-monodisperse polymer libraries via flash column chromatography: correlating dispersity with glass transition. <b>2019</b> , 10, 679-682		10
362	Isolation and Spectral Studies of a New Lactone Triterpenoid from <i>Lantana camara</i> . <b>2019</b> , 55, 478-481		1
361	The Synthesis, Structural Characterisation and Chemical Manipulation of the [6+3] Cycloadduct Derived from $\beta$ -Tropolone O-Methyl Ether and Trimethylenemethane. <b>2019</b> , 8, 1458-1467		1
360	Synthesis of D-A-A and D-A-D Pyrimidine $\beta$ Systems Using Triorganoindium Reagents: Optical, Vibrational, and Electrochemical Studies. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 8870-8885	4.2	9
359	Protein painting, an optimized MS-based technique, reveals functionally relevant interfaces of the PD-1/PD-L1 complex and the YAP2/ZO-1 complex. <b>2019</b> , 294, 11180-11198		6
358	Combined Scaffold Evaluation and Systems-Level Transcriptome-Based Analysis for Accelerated Lead Optimization Reveals Ribosomal Targeting Spirooxindole Cyclopropanes. <b>2019</b> , 14, 1653-1661		4
357	Synthesis and Structure-Activity Relationships of 1-Aryl- $\beta$ -carbolines as Affinity Probes for the 5-Hydroxytryptamine Receptor. <b>2019</b> , 4, 9807-9812		8
356	Prediction of membrane separation efficiency for hydrophobic and hydrophilic proteins : A coarse-grained Brownian dynamics simulation study. <b>2019</b> , 25, 132		
355	Total synthesis of pseudouridine via Heck-type C-glycosylation. <b>2019</b> , 43, 8796-8803		1
354	Rational design, synthesis, and photophysics of dual-emissive deoxyadenosine analogs. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107553	4.6	8
353	The Synthesis and Characterization of Highly Fluorinated Aromatic Polyimides. <b>2019</b> , 224, 100-112		10
352	Synthesis of novel gefitinib-based derivatives and their anticancer activity. <b>2019</b> , 352, e1800381		4
351	Synthetic $\beta$ -1,2-Mannosyloxymannitol Glycolipid from the Fungus <i>Malassezia pachydermatis</i> Signals through Human Mincle. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 6788-6797	4.2	4
350	Applying Green Metrics to Eco-Friendly Synthesis of Sulfur-Substituted Conjugated Dienes Based on Atom-Economic Hydrothiolation. <b>2019</b> , 7, 9680-9689		14
349	Electrocyclic Ring-Opening of 6,6-Dichlorobicyclo[3.1.0]-hexanes and Trapping of the Resulting $\beta$ Allyl Cations by C-1 Tethered Hydroxyamine Derivatives: Formation of 2-Oxa-1-azaspiro[4.5]decan-3-ones. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 434	1.2	1
348	Promiscuous terpene synthases from <i>Prunella vulgaris</i> highlight the importance of substrate and compartment switching in terpene synthase evolution. <b>2019</b> , 223, 323-335		18

347	Ring-Expansion Approaches for the Total Synthesis of Salimabromide. <b>2019</b> , 75, 3195-3215		6
346	Development of Palladium-Catalyzed Decarboxylative Allylation of Electron-Deficient Sulfones and Identification of Unusual Side Products. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 6028-6039	4.2	0
345	Lactonization Method To Assign the Anomeric Configuration of the 3,4-Unsaturated Congeners of N-Acetylneuraminic Acid. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 5460-5470	4.2	7
344	Application of Electrocyclic Ring-Opening and Desymmetrizing Nucleophilic Trappings of meso-6,6-Dibromobicyclo[3.1.0]hexanes to Total Syntheses of Crinine and Haemanthamine Alkaloids. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 3431-3466	4.2	5
343	Comprehensive Synthesis of Substrates, Intermediates, and Products of the Sulfoglycolytic Embden-Meyerhoff-Parnas Pathway. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2901-2910	4.2	8
342	Generation and Reactions of a Benzodehydrotropylum Ion-Co(CO) Complex. <b>2019</b> , 4, 18600-18608		3
341	Atropselective Synthesis of -Bis(diphenylphosphanes) from Bridged 2-Arylindoles Based on Effective Point-to-Axial Asymmetric Inductions after an Unusual Dilithiation ?. <b>2019</b> , 21, 9970-9975		2
340	Biosynthesis of Isoprene Units in Laticifers vs. Other Tissues: MVA and MEP Pathways, Compartmentation and Putative Endophytic Fungi Contribution. <i>Molecules</i> , <b>2019</b> , 24,	4.8	3
339	A Phosphorus(III)-Mediated (4+1)-Cycloaddition of 1,2-Dicarbonyls and Aza-o-Quinone Methides to Access 2,3-Dihydroindoles. <b>2019</b> , 102, e1900192		7
338	Palladium complexes of N-heterocyclic carbenes displaying an unsymmetrical N-alkylfluorenyl/N'-aryl substitution pattern and their behaviour in Suzuki-Miyaura cross coupling. <b>2019</b> , 48, 14516-14529		4
337	First total synthesis of ampullosine, a unique isoquinoline alkaloid isolated from , and of the related permethylampullosine.. <b>2019</b> , 9, 33096-33106		3
336	Improving C=N Bond Reductions with (Cyclopentadienone)iron Complexes: Scope and Limitations. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 647-654	3.2	11
335	Dienolates of Cycloalkenones and $\alpha,\beta$ -Unsaturated Esters Form Diels-Alder Adducts by a Michael/Michael-Tandem Reaction Rather Than in One Step. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 562-573	3.2	1
334	Chemical Synthesis Study Establishes the Correct Structure of the Potent Anti-Inflammatory Agent Myrsinoic Acid F. <b>2019</b> , 82, 96-100		1
333	Dimerization Strategies for the Synthesis of High-Order Securinega Alkaloids. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 1398-1406	4.2	6
332	Photoredox Alkenylation of Carboxylic Acids and Peptides: Synthesis of Covalent Enzyme Inhibitors. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2379-2392	4.2	14
331	New AB type monomers from lignocellulosic biomass. <b>2019</b> , 91, 389-396		6
330	Atropselektive Dibromierungen eines 1,1'-disubstituierten 2,2'-Biindolyls mit divergierender zentral-zu-axialer asymmetrischer Induktion. Ableitung von 2,2'-Biindolyl-3,3'-diphosphan-Liganden für asymmetrische Katalysen. <b>2019</b> , 131, 4762-4768		13

329	Atropselective Dibrominations of a 1,1'-Disubstituted 2,2'-Biindolyl with Diverging Point-to-Axial Asymmetric Inductions. Deriving 2,2'-Biindolyl-3,3'-diphosphane Ligands for Asymmetric Catalysis. <b>2019</b> , 58, 4714-4719			32
328	Phytotoxic and nematocidal evaluation of <i>Croton ehrenbergii</i> (Euphorbiaceae). <b>2019</b> , 75, 2158-2165			2
327	Single-Neuron Comparison of the Olfactory Receptor Response to Deuterated and Nondeuterated Odorants. <b>2019</b> , 10, 552-562			6
326	Discovery and Structure-Activity Relationships of N-Aryl 6-Aminoquinoxalines as Potent PFKFB3 Kinase Inhibitors. <b>2019</b> , 14, 169-181			6
325	Photocrosslinked hydrogels from coumarin derivatives of hyaluronic acid for tissue engineering applications. <b>2019</b> , 96, 625-634			24
324	Stereo- and Regiochemical Transannular Cyclization of a Common Hexahydro-1-azonine to Afford Three Different Indolizidinone Dipeptide Mimetics. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 1340-1351	4.2		6
323	Pharmacologic potential of new nitro-compounds as antimicrobial agents against nosocomial pathogens: design, synthesis, and in vitro effectiveness. <b>2020</b> , 65, 393-405			2
322	Structural and synthetic studies on maleic anhydride and related diacid natural products. <b>2020</b> , 76, 130717			2
321	One-Pot Generation of Benzynes from Phenols: Formation of Primary Anilines by the Deoxyamination of Phenols. <b>2020</b> , 26, 4320-4332			10
320	Concise synthesis of sulfoquinovose and sulfoquinovosyl diacylglycerides, and development of a fluorogenic substrate for sulfoquinovosidases. <b>2020</b> , 18, 675-686			6
319	Water stress rather than N addition mitigates impacts of elevated O <sub>3</sub> on foliar chemical profiles in poplar saplings. <b>2020</b> , 707, 135935			8
318	Syntheses of Dimethyl (1,2)-3-Bromocyclohexa-3,5-diene-1,2-dicarboxylate and Its Enantiomer. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 2303-2311		4.2	
317	Routes to N-glycinamide oxazolidinone derivatives: The reaction of 4-trityloxymethyl-3-oxa-1-azabicyclo[3.1.0]hexan-2-one with active halides. <b>2020</b> , 2019, 40-52			1
316	Synthesis and biological evaluation of fluorescent GAT-ligands based on meso-substituted BODIPY dyes. <b>2020</b> , 29, 301-327			4
315	Total Syntheses of the 3-Pyrrolo[2,3-]quinolone-Containing Alkaloids Marinoquinolines A-F, K, and Aplidiopsamine A Using a Palladium-Catalyzed Ullmann Cross-Coupling/Reductive Cyclization Pathway. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 650-663		4.2	10
314	Total Synthesis of the Proposed Structure for Chaunopyran A and Its Absolute Configuration. <b>2020</b> , 83, 2537-2541			1
313	Natural optical activity as the origin of the large chiroptical properties in E-conjugated polymer thin films. <b>2020</b> , 11, 6137			25
312	Synthesis and Spectrophotometric Analysis of 1-Azafluorenone Derivatives. <i>Molecules</i> , <b>2020</b> , 25,		4.8	1

- 311 Synthesis of (-)-Melodinine K: A Case Study of Efficiency in Natural Product Synthesis. **2020**, 83, 2425-2433 9
- 310 Iterative Suzuki-Miyaura Cross-coupling/Bromo-desilylation Reaction Sequences for the Assembly of Chemically Well-defined, Acyclic Oligopyrrole/Benzenoid Hybrids Embodying Mixed Modes of Connectivity. **2020**, 15, 3059-3081
- 309 Amino pyridine iron(II) complexes: Characterization and catalytic application for atom transfer radical polymerization and catalytic chain transfer. *Journal of Organometallic Chemistry*, **2020**, 924, 121456 1
- 308 New complex polycyclic compounds: Synthesis, antiproliferative activity and mechanism of action. **2020**, 101, 103989 1
- 307 Setting Up an Educational Column Chromatography Experiment from Home. *Journal of Chemical Education*, **2020**, 97, 3055-3059 2.4 9
- 306 Modified aptamers as reagents to characterize recombinant human erythropoietin products. **2020**, 10, 18593 3
- 305 Synthesis, Radiolabeling, and Biological Evaluation of the Stereoisomers of 1-Amino-3-Fluoro-4-(fluoro-)Cyclopentane-1-Carboxylic Acid as PET Imaging Agents. **2020**, 63, 12008-12022 1
- 304 Cholesteryl 6-acyl- $\beta$ -glucosides from diverse spp. signal through the C-type lectin receptor Mincle. **2020**, 18, 7907-7915 4
- 303 Enantioselective Synthesis of 7()-Hydroxydocosahexaenoic Acid, a Possible Endogenous Ligand for PPAR $\beta$ . *Journal of Organic Chemistry*, **2020**, 85, 13621-13629 4.2 1
- 302 Static to inducibly dynamic stereocontrol: The convergent use of racemic  $\beta$ -substituted ketones. *Science*, **2020**, 369, 1113-1118 33.3 32
- 301 Biomimetically Inspired, One-Step Synthesis of Exotine A and Exotine B. *Journal of Organic Chemistry*, **2021**, 86, 10946-10953 4.2 2
- 300 Total Synthesis of Cinnamodial-Based Dimer (-)-Capsicodendrin. *Journal of Organic Chemistry*, **2020**, 85, 7576-7582 4.2 0
- 299 Cyclopentadienylnickel Chelates with Secondary or Tertiary Phosphane Tethers Bearing Imidazol-2-ylidene Ligands. **2020**, 2020, 2545-2551 2
- 298 The toxin goniiodomin, produced by *Alexandrium* spp., is identical to goniiodomin A. **2020**, 92, 101707 12
- 297 Synthesis of enantiomerically enriched 4,5-disubstituted N-aminoimidazol-2-one (Nai) peptide turn mimics. **2020**, 98, 278-284 1
- 296 Red-emissive poly(phenylene vinylene)-derivated semiconductors with well-balanced ambipolar electrical transporting properties. **2020**, 8, 10868-10879 14
- 295 The flexible application of automated preparative purification platforms within drug discovery. **2020**, 8, 307-347
- 294 Direct reversible decarboxylation from stable organic acids in dimethylformamide solution. *Science*, **2020**, 369, 557-561 33.3 33

293	Levoglucosenone and Its Pseudoenantiomer -Levoglucosenone as Scaffolds for Drug Discovery and Development. <b>2020</b> , 5, 13926-13939		5
292	Metal Free, Direct and Selective Deoxygenation of $\beta$ -Hydroxy Carbonyl Compounds: Access to $\beta,\beta$ -Diaryl Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 2530-2536	3.2	2
291	6,7-Benzotropolone Syntheses Based on Ring-Closing Metatheses and Four-Electron Oxidations. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 2929-2955	3.2	2
290	N-Substituted Nipecotic Acids as (S)-SNAP-5114 Analogues with Modified Lipophilic Domains. <b>2020</b> , 15, 756-771		5
289	Synthesis and biological evaluation of fluorescent GAT-ligands based on asymmetric substituted BODIPY dyes. <b>2020</b> , 29, 767-782		1
288	Flash Chromatography System: A Practical Tool for Demonstrating the Influence of Column Characteristics on Chromatographic Resolution. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 1145-1150	2.4	1
287	Synthesis of Potent Cytotoxic Epidithiodiketopiperazines Designed for Derivatization. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 4648-4662	4.2	7
286	Development of a Convergent Enantioselective Synthetic Route to (-)-Myrocin G. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 8952-8989	4.2	4
285	Enantioselective Synthesis of Cassane-Type Furanoditerpenoids: Total Synthesis of Sucutiniranes C and D. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 4730-4742	3.2	4
284	Regioselective Photooxidation of Citronellol: A Way to Monomers for Functionalized Bio-Polyesters. <b>2020</b> , 8, 85		3
283	Biocatalytic synthesis of planar chiral macrocycles. <i>Science</i> , <b>2020</b> , 367, 917-921	33.3	26
282	Synthesis of C37-Alkenones for Past Climate Reconstructions. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 3542-3551	3.2	
281	Activity of diphenyl ether benzyl amines against Human African Trypanosomiasis. <b>2020</b> , 97, 103590		1
280	Constrained Glu-Gly and Gln-Gly dipeptide surrogates from $\beta$ -substituted $\beta$ -amino- $\beta$ -lactam synthesis. <b>2020</b> , 112, e24149		2
279	Zirconia-Based Magnetoplasmonic Nanocomposites: A New Nanotool for Magnetic-Guided Separations with SERS Identification. <b>2020</b> , 3, 1232-1241		8
278	Transesterification of Methyl 2-Nitroacetate to Superior Esters. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 1720-1726	3.2	1
277	One-Pot Generation of Functionalized Benzynes from Readily Available 2-Hydroxyphenylboronic Acids. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 3383-3392	4.2	4
276	Exploiting Chitin as a Source of Biologically Fixed Nitrogen: Formation and Full Characterization of Small-Molecule Hetero- and Carbocyclic Pyrolysis Products. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 4583-4593	4.2	10

275	Preparation of Key Intermediates for the Syntheses of Coenzyme Q and Derivatives by Cross-Metathesis Reactions. <i>Molecules</i> , <b>2020</b> , 25,	4.8	0
274	Total Synthesis of (+)-Pestalofone A and (+)-Iso-A82775C. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 6815-6821	4.2	2
273	Synthesis and photophysics of benzazole based triazoles with amino acid-derived pendant units. Multiparametric optical sensors for BSA and CT-DNA in solution. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 309, 113092	6	8
272	Pyrocinchonimides Conjugate to Amine Groups on Proteins via Imide Transfer. <b>2020</b> , 31, 1449-1462		4
271	Photochemically Mediated Nickel-Catalyzed Synthesis of $\alpha$ -(Hetero)aryl Sulfamides. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 6380-6391	4.2	13
270	Hydrazine derivative synthesis by trifluoroacetyl hydrazide alkylation. <b>2020</b> , 98, 485-494		1
269	Novel $\beta$ -Extended Quinazoline-Ferrocene Conjugates: Synthesis, Structure, and Redox Behavior. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 3430-3440	3.2	2
268	Control of Intermolecular Photoinduced Electron Transfer in Deoxyadenosine-Based Fluorescent Probes. <b>2021</b> , 27, 1364-1373		1
267	Synthesis and Evaluation of Voltage-Gated Sodium Channel Blocking Pyrroline Derivatives Endowed with Both Antiarrhythmic and Antioxidant Activities. <b>2021</b> , 16, 578-588		3
266	Gold(I)-Catalyzed Intramolecular Hydroarylation of Phenol-Derived Propiolates and Certain Related Ethers as a Route to Selectively Functionalized Coumarins and 2-Chromenes. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 178-198	4.2	11
265	Traceless selenocarboxylates for the one-pot synthesis of amides and derivatives. <b>2021</b> , 79, 131834		0
264	Chemically Induced Cell Wall Stapling in Bacteria. <b>2021</b> , 28, 213-220.e4		2
263	Gentianose: Purification and structural determination of an unknown oligosaccharide in grape seeds. <b>2021</b> , 344, 128588		1
262	Benzimidazole and Benzoxazole Zinc Chelators as Inhibitors of Metallo- $\beta$ -Lactamase NDM-1. <b>2021</b> , 16, 654-661		6
261	Metal-free, Mild, and Selective Synthesis of (pyrazolyl)alkanes by Nucleophile-Catalyzed Condensation. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 1601-1611	4.2	0
260	A Short Method for the Synthesis of Hydroxyoleic Acids. <b>2021</b> , 98, 157-162		
259	Synthesis of new Biginelli polycondensates: renewable materials with tunable high glass transition temperatures. <b>2021</b> , 70, 506-513		3
258	The Synthesis and Biological Evaluation of Some C-9 and C-10 Substituted Derivatives of the RNA Polymerase I Transcription Inhibitor CX-5461. <i>Australian Journal of Chemistry</i> , <b>2021</b> , 74, 540	1.2	

257	Imaging Mitochondrial Hydrogen Peroxide in Living Cells. <b>2021</b> , 2275, 127-140		
256	Highly Chemoselective Deoxygenation of N-Heterocyclic -Oxides Using Hantzsch Esters as Mild Reducing Agents. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 2876-2894	4.2	8
255	Automated and enabling technologies for medicinal chemistry. <b>2021</b> , 60, 191-272		1
254	The Synthesis, Structural Characterisation, and Chemoselective Manipulation of Certain Functionalised Cyclic Sulfates Derived from Chiral, Non-Racemic, and Polysubstituted Bicyclo[2.2.2]octane-2,3-diols. <i>Australian Journal of Chemistry</i> , <b>2021</b> ,	1.2	
253	Household Ozone Disinfectant as An Alternative Ozone Generator for Ozonolysis of Alkenes. <b>2021</b> , 10, 1141-1152		0
252	Analysis of Nucleosides and Nucleotides in Plants: An Update on Sample Preparation and LC-MS Techniques. <b>2021</b> , 10,		5
251	Chitosan and glyceryl monooleate nanostructures containing gallic acid isolated from amla fruit: targeted delivery system. <b>2021</b> , 7, e06526		2
250	Synthesis, Radiolabeling, and Biological Evaluation of the -Stereoisomers of 1-Amino-3-(fluoro-F)-4-fluorocyclopentane-1-carboxylic Acid as PET Imaging Agents. <b>2021</b> , 4, 1195-1203		0
249	Intermolecular dark resonance energy transfer (DRET): upgrading fluorogenic DNA sensing. <b>2021</b> , 49, e72		4
248	Benzo[1,2-d:4,5-d']bisthiazole fluorophores for luminescent solar concentrators: synthesis, optical properties and effect of the polymer matrix on the device performances. <i>Dyes and Pigments</i> , <b>2021</b> , 188, 109207	4.6	5
247	The H NMR Spectroscopic Effect of Steric Compression Is Found in [3.3.1]Oxa- and Azabicycles and Their Analogues. <b>2021</b> , 6, 12769-12786		0
246	Development of a Safe and Scalable Process for the Production of a High-Purity Thiocarbamate-Based Ionizable Lipid as an Excipient in mRNA-Encapsulating Lipid Nanoparticles. <b>2021</b> , 25, 1383-1390		
245	Biomimetic Total Syntheses of Amorfrutins A, B, (S)-D and (R)-D and Formal Synthesis of Amorfrutin C. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 2540-2548	3.2	2
244	New 3-Ethynylaryl Coumarin-Based Dyes for DSSC Applications: Synthesis, Spectroscopic Properties, and Theoretical Calculations. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
243	The Pseudotransannular Ring Opening of 1-Aminocyclohept-4-ene-derived Epoxides in the Synthesis of Tropane Alkaloids: Total Synthesis of (-)-Ferrugine. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 2855-2861	3.2	1
242	Desymmetrization of Diols by Phosphorylation with a Titanium-BINOLate Catalyst. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 7450-7459	4.2	4
241	New Reactions of Cyclopentadienylnickel Chelates with Secondary Phosphane Tethers. <b>2021</b> , 2021, 2120-2132		
240	New Extended 1,1'-Disubstituted Ferrocenes with Thioate and Dithioate End Groups. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 2388-2401	3.2	1

239	Small-Molecule Inhibitors of the Coronavirus Spike: ACE2 Protein-Protein Interaction as Blockers of Viral Attachment and Entry for SARS-CoV-2. <b>2021</b> , 7, 1519-1534		20
238	Donor-Acceptor-Donor Thienopyrazine-Based Dyes as NIR-Emitting AIEgens. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 2655-2664	3.2	5
237	B2N2-Doped Dibenzo[a,m]Rubicene: Modular Synthesis, Properties, and Coordination-Induced Color Tunability. <b>2021</b> , 33, 5337-5344		5
236	Diversity-Oriented A-Macrocyclization for Studying Influences of Ring-Size and Shape of Cyclic Peptides: CD36 Receptor Modulators. <b>2021</b> , 64, 9365-9380		2
235	Allene Trifunctionalization Amidyl Radical Cyclization and TEMPO Trapping. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 8891-8899	4.2	2
234	Chemoproteomics profiling of surfactin-producing nonribosomal peptide synthetases in living bacterial cells. <b>2021</b> ,		4
233	Stereostructure Clarifying Total Synthesis of the (Polyenoyl)tetramic Acid Militarionone B. A Highly Acid-Labile -Protecting Group for Amides <b>2021</b> , 23, 6194-6199		0
232	Iron-catalysed regioselective thienyl C <sub>Br</sub> /C <sub>Br</sub> coupling.		4
231	Total Synthesis of Enantiopure Chabrolonaphthoquinone B Via a Stereoselective Julia-Kocienski Olefination. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 10440-10454	4.2	1
230	Innovative C-symmetric testosterone and androstenedione dimers: Design, synthesis, biological evaluation on prostate cancer cell lines and binding study to recombinant CYP3A4. <b>2021</b> , 220, 113496		2
229	Oxidation of Dithia Compounds: Comparative Experimental and Theoretical Studies on 1,3-Bis(methylthio)propane, Bis(methylthio)methane, and meso-4,6-Dimethyl-1,3-dithiane. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 5430	3.2	
228	Syntheses of the (–)-, (+)-, and (±)Forms of 2-Amino-3-(8-hydroxyquinolin-3-yl)propanoic Acid (8HQ-3Ala) from a Common Dehydroamino Acid Methyl Ester Precursor.		
227	Bidirectional Synthesis, Photophysical and Electrochemical Characterization of Polycyclic Quinones Using Benzocyclobutenes and Benzodicyclobutenes as Precursors. <i>European Journal of Organic Chemistry</i> ,	3.2	
226	Evolving A RIG-I Antagonist: A Modified DNA Aptamer Mimics Viral RNA. <b>2021</b> , 433, 167227		2
225	Synthesis, spectroscopic and computational evaluation of a xanthene-based fluorogenic derivatization reagent for the determination of primary amines. <i>Dyes and Pigments</i> , <b>2021</b> , 196, 109798	4.6	0
224	Alkyl- and Unsaturated Esters from Enol Phosphates of Keto Esters: Methyl 2-Methyl-1-Cyclohexene-1-Carboxylate. 14-14		1
223	(S)-8a-Methyl-3,4,8,8a-Tetrahydro-1,6(2H, 7H)-Naphthalenedione. 37-37		1
222	Trisammonium Geranyl Diphosphate. 211-211		2



221	Diastereoselective Aldol Condensation Using a Chiral Oxazolidinone Auxiliary: (2S*,3S*)-3-Hydroxy-3-phenyl-2-methylpropanoic Acid. 83-83	1
220	3-Methyl-2(5H)-furanone. 162-162	7
219	Enantioselective, Catalytic Diels-Alder Reaction: (1S-endo)-3-(Bicyclo[2.2.1]Hept-5-en-2-ylcarbonyl)-2-Oxazolidinone. 30-30	1
218	A General Procedure for Mitsunobu Inversion of Sterically Hindered Alcohols: Inversion of Menthol. (1S,2S,5R)-5-Methyl-2-(1-Methylethyl)Cyclohexyl 4-Nitrobenzoate. 110-110	3
217	Helicenebisquinones: Synthesis of a [7]Helicenebisquinone. <b>2003</b> , 233-239	3
216	The Preparation of Cyclohept-4-Enones by Rhodium-Catalyzed Intermolecular [5+2] Cycloaddition. <b>2011</b> , 109-120	4
215	Grafting and Attachment of Antiplatelet Agents to Poly(Ether-Urethanes). <b>1985</b> , 291-320	8
214	Chemical Communication Among Asian Elephants. <b>1986</b> , 627-645	15
213	Phlobaphene Precursors in Douglas-Fir Outer Bark. <b>1992</b> , 411-419	2
212	Liquid Chromatography. <b>1998</b> , 38-84	2
211	Synthesis and Characterization of Covalently Bound Polymer-Hormone Conjugates for the Controlled Release of Hormones. <b>1983</b> , 147-156	2
210	Analysis of diterpenes and triterpenes from plant foliage and roots. <b>2014</b> , 1153, 149-59	3
209	Synthesis and alkylation of Aza-Gly-Pro building blocks of peptidomimetic libraries for developing prostaglandin F <sub>2</sub> β receptor modulators as therapeutics to inhibit preterm labor. <b>2015</b> , 1248, 81-91	1
208	Imaging mitochondrial hydrogen peroxide in living cells. <b>2015</b> , 1264, 231-43	5
207	Fluorescence-based proteasome activity profiling. <b>2012</b> , 803, 183-204	12
206	Peptide Synthesis in Non-Aqueous Media. <b>2000</b> , 110-132	3
205	The Calixarenes. <b>1985</b> , 375-421	10
204	Preparative Pressure Liquid Chromatography. <b>1986</b> , 27-79	1

203	Structural Properties of PQQ Involved in the Activity of Qiunohaemoprotein Alcohol Dehydrogenase from Pseudomonas Testosteroni. <b>1989</b> , 205-216	9
202	The Products of Direct Liquefaction of Biomass. <b>1985</b> , 1027-1037	4
201	Synthesys of Isoxazole and Isoxazoline Derivatives of Retinoids: Effects on Growth and Differentiation of Tumor Cells. <b>1991</b> , 119-129	4
200	Ecological role for pteroenone, a novel antifeedant from the conspicuous antarctic pteropod Clione antarctica (Gymnosomata: Gastropoda). <b>1995</b> , 122, 271-277	28
199	β-HETEROATOM ORGANOLITHIUM COMPOUNDS BY REDUCTIVE LITHIATION OF SUBSTITUTED PHENYLTHIOETHERS USING LITHIUM 1-(DIMETHYLAMINO)NAPHTHALENIDE (LDMAN). <b>1986</b> , 361-368	9
198	HEXAKIS(2,6-DIETHYLPHENYL)CYCLOTRISTANNANE. <b>1986</b> , 576-579	1
197	Development of Carbene Complexes of Iron as New Reagents for Synthetic Organic Chemistry. <b>1991</b> , 2, 143-194	3
196	A calcium-sensitive fluorescent analog of calmodulin based on a novel calmodulin-binding fluorophore. <b>1990</b> , 265, 20335-20345	31
195	Binding characteristics of IgA 16.4.12E, a monoclonal antibody with specificity for the nonreducing terminal epitope of alpha-(1E6)-dextrans. Comparisons between IgA hybridoma 16.4.12E and myeloma W3129. <b>1990</b> , 265, 20699-20707	27
194	Inhibition of S-adenosyl-L-methionine sterol-C-24-methyltransferase by analogues of a carbocationic ion high-energy intermediate. Structure activity relationships for C-25 heteroatoms (N, As, S) substituted triterpenoid derivatives.. <b>1984</b> , 259, 15215-15223	87
193	Identification of a major iodolipid from the horse thyroid gland as 2-iodohexadecanal.. <b>1990</b> , 265, 17018-17025	44
192	The stereochemical course of the reaction catalyzed by soluble bovine lung guanylate cyclase.. <b>1983</b> , 258, 6741-6745	31
191	Protocatechuate 3,4-dioxygenase. Mechanistic implications of inhibition by the transition state analog, 2-hydroxyisonicotinic acid N-oxide.. <b>1982</b> , 257, 12746-12751	10
190	Mechanism of formation of the putative advanced glycosylation end product and protein cross-link 2-(2-furoyl)-4(5)-(2-furanyl)-1H-imidazole.. <b>1988</b> , 263, 10646-10652	92
189	Site-specific DNA cleavage by antisense oligonucleotides covalently linked to phenazine di-N-oxide.. <b>1991</b> , 266, 23994-24002	31
188	Biosynthesis of monoterpenes. Enantioselectivity in the enzymatic cyclization of (+)- and (-)-linalyl pyrophosphate to (+)- and (-)-bornyl pyrophosphate.. <b>1986</b> , 261, 13438-13445	40
187	Substrate recognition by a sucrose transporting protein.. <b>1986</b> , 261, 11986-11991	33
186	Sex pheromone receptor proteins. Visualization using a radiolabeled photoaffinity analog.. <b>1988</b> , 263, 3952-3959	60

185	Analogues of diaminopimelic acid as inhibitors of meso-diaminopimelate decarboxylase from <i>Bacillus sphaericus</i> and wheat germ.. <b>1986</b> , 261, 13216-13223	25
184	Affinity labeling of the aldehyde site of bacterial luciferase.. <b>1984</b> , 259, 10754-10759	16
183	Isolation of 2-fluorocitrate produced by in vivo dealkylation of 29-fluorostigmasterol in an insect.. <b>1984</b> , 259, 11022-11026	9
182	Synthesis of a glucoheptaose and a glucooctaose that elicit phytoalexin accumulation in soybean.. <b>1984</b> , 259, 11337-11340	44
181	Mechanism of formation of the Maillard protein cross-link pentosidine. Glucose, fructose, and ascorbate as pentosidine precursors. <b>1991</b> , 266, 11649-11653	343
180	A specific affinity reagent to distinguish aldehyde dehydrogenases and oxidases. Enzymes catalyzing aldehyde oxidation in an adult moth.. <b>1990</b> , 265, 3094-3101	16
179	The interaction of phospholipase A2 with phospholipid analogues and inhibitors.. <b>1990</b> , 265, 2657-2664	68
178	Inhibition of cytoplasmic aspartate aminotransferase from porcine heart by R and S isomers of aminooxysuccinate and hydrazinosuccinate.. <b>1991</b> , 266, 5525-5533	16
177	Haloenol lactones: enzyme-activated irreversible inactivators for serine proteases. Inactivation of alpha-chymotrypsin.. <b>1982</b> , 257, 610-612	31
176	Bacterial N-succinyl-L-diaminopimelic acid desuccinylase. Purification, partial characterization, and substrate specificity.. <b>1988</b> , 263, 1622-1627	27
175	Aging of Proteins: Immunological Detection of a Glucose-derived Pyrrole Formed during Maillard Reaction in vivo. <b>1989</b> , 264, 3758-3764	222
174	Irreversible inhibition of hepatic fatty acid salt uptake by photoaffinity labeling with 11, 11-azistearate. <b>1996</b> , 37, 739-753	10
173	Photolabile derivatives of bile salts. Synthesis and suitability for photoaffinity labeling.. <b>1983</b> , 24, 910-923	55
172	3-Diazirine-derivatives of bile salts for photoaffinity labeling.. <b>1989</b> , 30, 1281-1288	29
171	Synthesis of a thiophosphate analog of dioctanoylphosphatidylcholine: a phospholipase C substrate. <b>1987</b> , 28, 949-954	10
170	Improved method for the synthesis of 1- or 3-acyl-sn-glycerols. <b>1987</b> , 28, 464-469	44
169	Structures and stereochemistry of the very long alpha, omega-bifunctional alkyl species in the membrane of <i>Sarcina ventriculi</i> indicate that they are formed by tail-to-tail coupling of normal fatty acids.. <b>1994</b> , 35, 1932-1945	10
168	Oxolanosterol oximes: dual-action inhibitors of cholesterol biosynthesis.. <b>1994</b> , 35, 1333-1344	15

167	A new family of very long chain alpha,omega-dicarboxylic acids is a major structural fatty acyl component of the membrane lipids of <i>Thermoanaerobacter ethanolicus</i> 39E.. <b>1994</b> , 35, 1057-1065		28
166	Fluorescent derivatives of bile salts. I. Synthesis and properties of NBD-amino derivatives of bile salts.. <b>1991</b> , 32, 1755-1767		31
165	Isolation and characterization of calmodulin-inactivating cholesterol hydroperoxides.. <b>1991</b> , 32, 1403-1408		2
164	Stereospecific synthesis and two-dimensional 1H-NMR investigation of isoursocholic acid.. <b>1991</b> , 32, 1381-1387		
163	3 alpha, 7 alpha, 12 alpha-trihydroxy-24-nor-5 beta-cholan-23-sulfonate: synthesis and suitability for the study of cholate transport. <b>1996</b> , 37, 1045-1056		2
162	Synthesis of a metabolically stable modified long-chain fatty acid salt and its photolabile derivative. <b>1991</b> , 32, 843-857		14
161	An efficient synthesis of phosphatidylcholines.. <b>1990</b> , 31, 1522-1525		39
160	Synthesis and applicability of photolabile 7,7-azo analogues of natural bile salt precursors.. <b>1990</b> , 31, 315-327		5
159	Solution and soluble polymer syntheses of azatides and azapeptides. <b>1999</b> , 247-262		1
158	Photochemical Activation of a Hydroxyquinone-Derived Phenyliodonium Ylide by Visible Light: Synthetic and Mechanistic Investigations. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 1758-1768	4.2	2
157	Biomimetic Syntheses of Analogs of Hongoquercin A and B by Late-Stage Derivatization. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 1802-1817	4.2	4
156	Small-Molecule In Vitro Inhibitors of the Coronavirus Spike [ACE2 Protein-Protein Interaction as Blockers of Viral Attachment and Entry for SARS-CoV-2.		2
155	Structure elucidation of colibactin.		4
154	Microbial transformation of macrocyclic trichothecenes. <b>1983</b> , 46, 480-3		10
153	Production of verrucarol. <b>1984</b> , 48, 673-4		12
152	7 alpha-hydroxytrichodermol, a new trichothecene from <i>Myrothecium roridum</i> . <b>1985</b> , 50, 1225-8		10
151	Trichothecenes produced by <i>Stachybotrys atra</i> from Eastern Europe. <b>1986</b> , 51, 915-8		58
150	Transformation of tetrachloromethane to dichloromethane and carbon dioxide by <i>Acetobacterium woodii</i> . <b>1988</b> , 54, 2819-24		157

149	Metabolism of 2,6-dimethylnaphthalene by flavobacteria. <b>1988</b> , 54, 428-33	16
148	Isolation and characterization of methanophenazine and function of phenazines in membrane-bound electron transport of <i>Methanosarcina mazei</i> G. <b>1998</b> , 180, 2027-32	147
147	Analysis of Tocopherols and Tocotrienols in Foods. <b>2004</b> , 323-424	3
146	Aminoninhydrins: Fingerprint Reagents with Direct Fluorogenic Activity Preliminary Studies. <b>1991</b> , 36, 13011J	5
145	Chromatographic fractionation and analysis of the main components of eggplant ( <i>Solanum melongena</i> L.) leaf cuticular waxes. <b>2009</b> , 21, 127-137	17
144	Synthesis and Evaluation of the in vitro Antimicrobial Activity of Triazoles, Morpholines and Thiosemicarbazones. <b>2019</b> , 15, 38-50	2
143	TLC and GC-MS Analyses of Essential Oil Isolated from Macedonian <i>Foeniculi fructus</i> . <b>2011</b> , 56, 29-36	10
142	Synthesis of Na-Demethyl-20-deethylsuaveoline, the Structure Proposed for Sellowiine. <b>2004</b> , 63, 2845	10
141	First Total Synthesis of (–)-Flustraminol B. <b>2007</b> , 71, 1539	19
140	Asymmetric Construction of Quaternary Stereogenic Centers via Auxiliary-Based S <sub>N</sub> 2 Reactions: A Case of 1,7-Relative Stereogenesis. <b>2014</b> , 88, 559	2
139	Palladium-Catalyzed Arylation of N-Aminoimidazol-2-ones towards Synthesis of Constrained Phenylalanine Dipeptide Mimics. <b>2019</b> , 99, 279	2
138	Preparation of 1,4-Dioxenes from $\alpha$ -Diazo- $\beta$ -ketoesters. <b>1999</b> , 51, 1073	5
137	An Efficient Synthesis of (–)-cis-2-Amino-6-hydroxy-9-[4'-hydroxyethyl-2'-cyclopenten-1'-yl]purine. <b>2000</b> , 53, 219	1
136	Studies on the Rh(II)-catalyzed C-H Insertion Reaction of Some Derivatives of N-[4-{(S)-1,2-Dihydroxy-butyl}] $\alpha$ -diazoanilides: Site-Selectivity. <b>2000</b> , 53, 637	17
135	Improvement on the Synthesis of Primary Amino Sugar Derivatives & via & N-Benzyl Intermediates. <b>2013</b> , 03, 41-48	1
134	A Synthesis of Alibendol, 2-Hydroxy-N-(2-hydroxyethyl)-3-methoxy-5-(2-propenyl)benzamide via m-CPBA Oxidation of o-Vanillin. <b>2004</b> , 25, 1720-1722	5
133	Synthesis of Nonclassical Quinazolinone Antifolates as Thymidylate Synthase Inhibitors and Their Antitumor Activity In Vitro. <b>2004</b> , 25, 1898-1906	3
132	A short Synthesis of Trimebutine, 2-Dimethylamino-2-phenylbutyl 3,4,5-trimethylbenzoate. <b>2005</b> , 26, 340-342	1

- 131 Oxidation of Dibenzyl Sulfide via an Oxygen Transfer from Palladium Nitrate. **2006**, 27, 2023-2027 6
- 130 Platinum-Catalyzed Reductive Aldol and Michael Reactions. **2009**, 30, 327-333 11
- 129 Synthesis and Characterization of Butyryl Cyclophosphorane, and its Inclusion Complexation Behavior for Some Flavonoids. **2011**, 32, 2779-2782 9
- 128 Chemoenzymatic and Enantiomeric Switching Regimes Enabling the Synthesis of Homochiral Cyclohexa-2,5-dienones Incorporating All-Carbon Quaternary Centers. *Journal of Organic Chemistry*, **2021**, 86, 15403-15412 4.2 0
- 127 Flow-Assisted Synthesis of Alkyl Citrate Natural Products. *Journal of Organic Chemistry*, **2021**, 86, 14223-14231 0
- 126 Cyclopentanone Annulation via Cyclopropanone Derivatives: (3a,9b)-1,2,3a,4,5,9b-Hexahydro-9b-Hydroxy-3a-Methyl-3H-Benz[e]Inden-3-One. 137-137
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- 122 Stereoselective Synthesis of 2,2-Disubstituted 1-Fluoro-Alkenes: (E)-[[Fluoro(2-Phenylcyclohexylidene)-Methyl]Sulfonyl]Benzene and (Z)-[2-(Fluoromethylene)-Cyclohexyl]Benzene. 225-225
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- 113 N-tert-Butoxycarbonyl-L-Serine  $\beta$ -Lactone and (S)-3-Amino-2-Oxetanone p-Toluenesulfonic Acid Salt. 10-10
- 112 6-Diethylphosphonomethyl-2,2-dimethyl-1,3-dioxen-4-one. 194-194
- 111 Design of Schiff base-like postmetallocene catalytic systems for polymerization of olefins: IX. Synthesis of salicylaldehydes containing an isobornyl substituent and hydroxyphenyl imine ligands based thereon. **2010**, 44, 107
- 110 Design of schiff base-like postmetallocene catalytic systems for polymerization of olefins: VIII. Synthesis of N-(o-cycloalkylphenyl) 2-hydroxynaphthalene-1-carbaldehyde imines. **2010**, 44, 103
- 109 10.1007/BF00187837. **2011**,
- 108 Synthesis and characterization of macrocyclic bisphosphonate dimers. **2012**, 2012,
- 107 Recovery and purification of rapamycin from the culture broth of Mtcc 5681. **2013**, 16, 219-25 1
- 106 Iron-Catalyzed Phenanthrene Synthesis from Alkyne and Aryl Bromide Mediated by Metallic Magnesium. **2014**, 65-71
- 105 Synthesis, Resolution and Absolute Configuration of 2,3-Dihydro-2-(tert-butyl-3-N-benzylquinazolin-4-One: A Possible Chiral Auxiliary for Synthesis of  $\beta$ -Amino Cyclohexancarboxylic Acid. **2014**, 04, 48-54
- 104 Iron-Catalyzed Phenanthrene Synthesis from Alkyne and Grignard Reagent. **2014**, 23-64
- 103 Iron-Catalyzed Naphthalene Synthesis from Alkyne and Grignard Reagent. **2014**, 11-22
- 102 Liquid Phase Chromatography on Open Columns. **1985**, 85-136
- 101 HEXAKIS(2,6-DIETHYLPHENYL)CYCLOTROTRISILANE AND TETRAKIS(2,6-DIETHYLPHENYL)DISILENE. **1986**, 502-506 1
- 100 HEXAKIS(2,6-DIETHYLPHENYL)CYCLOTROTRIGERMANE AND TETRAKIS(2,6-DIETHYLPHENYL)DIGERMENE. **1986**, 557-562
- 99 Säulen-Chromatographie. **1987**, 167-193
- 98 1-TRIMETHYLSILYL-3,4-BIS(TRIMETHYLSTANNYL)-3-DECEN-1-YNE: PREPARATION AND REACTIONS. **1988**, 566-569
- 97 Synthesis and Characterization of Polymers Having Steroid Sex Hormones as Pendent Moieties. **1988**, 115-123
- 96 Produktion der Radionuklide und Herstellung markierter Verbindungen. **1989**, 86-119

- 95 Separation of organic mixtures by chromatography. **1989**, 114-177
- 94 New Developments in the Separation of Natural Products. **1991**, 1-32
- 93 Potential Breast Tumor Imaging Agents: Fluorotamoxifen and Derivatives. **1991**, 67-77
- 92 Protection of the hydroxyl group with Sil-ester. **1993**, 200-201
- 91 Synthesis and applicability of a photolabile 7,7-azi analogue of 3-sulfated taurine-conjugated bile salts.. **1995**, 36, 1729-1744 7
- 90 Einige weitere Themen. **1996**, 218-234
- 89 Light-induced [2 + 2] Cycloaddition of 6-Methoxy-2-naphthonitrile to 2-Chloroacrylonitrile. **1999**, 23, xiv-xiv 1
- 88 Liquid phase chromatography on open columns. **1999**, 117-164
- 87 Model or practical experiments in chromatographic techniques. **1999**, 426-509
- 86 Assays for Insulin and Insulin-Like Activity Based on Adipocytes. **2015**, 1-97
- 85 Preparation of (S)-(+)-Pranidipine by Optical Resolution. **2015**, 59, 488-492 0
- 84 A Synthesis of Hexahydro-H-oxazolo[3,4-a]pyrazin-3-ones from Fused Aziridines. **2016**, 93, 422
- 83 Assays for Insulin and Insulin-Like Activity Based on Adipocytes. **2016**, 2781-2869
- 82 Semi-Automated Synthesis of [F-18]FBAM, a Thiol Reactive Prosthetic Group, Using Continuous Flow Chemistry. **2016**, 06, 177-185
- 81 The effect of decylcyclopropene derivative on the softening of  $\beta$ -D-glucopyranoside fruits. **2016**, 23, 7-11
- 80 Allyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido- $\beta$ -D-glucopyranoside. **2016**, 1,
- 79 Anagostic Interactions in Alkyl-Fluorenyl-Substituted N-Heterocyclic Carbene Complexes of Palladium(II). *Australian Journal of Chemistry*, **2020**, 73, 579 1.2
- 78 Bioassay-Guided Isolation of Nigracin, Responsible for the Tissue Repair Properties of Stem Bark. **2019**, 10, 1541 0



77	Response of aspen genotypes to browsing damage is not influenced by soil community diversity. <b>2020</b> , 452, 153-170		
76	Cytotoxic effect of hydro-alcoholic extract of pomegranate ( <i>Punica granatum</i> L.) flowers and isolated ursolic acid on B16F10 melanoma cells. <b>2020</b> , 19, 177-191		0
75	Structure-Proving Syntheses of the Polyenoiltetramic Acids Pyranonigrin J and I. <i>European Journal of Organic Chemistry</i> ,	3.2	
74	Syntheses of 6,7-Benzotropolone Using Ring-Closing Metathesis Variants, Which Circumvent a Strongly Acidic Hydrolysis in the Sequel. <i>European Journal of Organic Chemistry</i> ,	3.2	
73	Further, Small-Molecule Pyrolysis Products Derived from Chitin. <i>Australian Journal of Chemistry</i> , <b>2020</b> , 73, 1187	1.2	
72	Synthesis and Biological Evaluation of New Curcumin Analogs Inhibiting Osteoclastogenesis. <b>2020</b> , 100, 1233		
71	Development of an Enantioselective Synthesis of (-)-Euonyminol. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 17011-17035	4.2	3
70	Reaction of Alkynyl- and Alkenyltrifluoroborates with Propargyldicobalt Cations: Alkynylation, Alkenylation, and Cyclopropanation Product Pathways. <i>Journal of Organic Chemistry</i> , <b>2021</b> ,	4.2	
69	RAFT Polymerization of a Renewable Ricinoleic Acid-Derived Monomer and Subsequent Post-Polymerization Modification via the Biginelli-3-Component Reaction. 2100360		1
68	Oligocat: Oligoesters as Pseudo-Homogenous Catalysts for Biodiesel Synthesis.. <b>2022</b> , 14,		0
67	Photoactive Metal Carbonyl Complexes Bearing N-Heterocyclic Carbene Ligands: Synthesis, Characterization, and Viability as Photoredox Catalysts.. <b>2022</b> ,		0
66	Discovery, synthesis and exploration of N-benzylsulfonyl-2-phenylazepanes as inhibitors of Bim expression in a mouse embryonic fibroblast model.. <b>2022</b> , 120, 105635		
65	Directed Palladium-Catalyzed Acetoxylation of Indolines. Total Synthesis of -Benzoylcylindrocarine.. <i>Journal of Organic Chemistry</i> , <b>2022</b> ,	4.2	0
64	Kinetic Resolution in Transannular Morita-Baylis-Hillman Reaction: An Approximation to the Synthesis of Sesquiterpenes from Guaiane Family. <b>2022</b> , 12, 67		0
63	Isolation of Bioactive Pentacyclic Triterpenoid Acids from Olive Tree Leaves with Flash Chromatography. <b>2022</b> , 12, 996		2
62	Azoliums and Ag(I)-N-Heterocyclic Carbene Thioglycosides: synthesis, reactivity and bioactivity. <i>European Journal of Organic Chemistry</i> ,	3.2	
61	Total Syntheses of the Imidazo[1,2-f]phenanthridine-containing Alkaloid Zephycandidine A. <i>European Journal of Organic Chemistry</i> ,	3.2	1
60	Remote steric control for undirected -selective C-H activation of arenes.. <i>Science</i> , <b>2022</b> , 375, 658-663	33.3	5

59	Total synthesis of himastatin.. <i>Science</i> , <b>2022</b> , 375, 894-899	33.3	2
58	"Upper" Ring Expansion of the Planar Blatter Radical via Photocyclization: Limitations and Impact on the Electronic Structure.. <i>Journal of Organic Chemistry</i> , <b>2022</b> ,	4.2	
57	An Expeditious Approach towards the Synthesis and Application of Water-Soluble and Photostable Fluorogenic Chromones for DNA Detection.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
56	Minimalistic $\beta$ -sitosterol based designer surfactants for efficient cross-coupling in water. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 964, 122316	2.3	1
55	Synthesis of 2-deoxy mucin-type O-glycan analogues as biological probes.. <i>Carbohydrate Research</i> , <b>2022</b> , 514, 108542	2.9	0
54	Absence of Intermediates in the BINOL-Derived Mg(II)/Phosphate-Catalyzed Desymmetrization of 1-Vinylcyclobutanol.. <i>Journal of Organic Chemistry</i> , <b>2021</b> ,	4.2	1
53	An Approach to the Synthesis of a Hepatitis C Virus Inhibitor through a Proline-Catalyzed 1,3-Dipolar Cycloaddition Using Acrolein. <i>Synthesis</i> , <b>2022</b> , 54, 1101-1107	2.9	
52	$\alpha$ -Iodo- $\beta,\beta$ -Unsaturated Ketones as Vicinal Dielectrophiles: Their Reactions with Dinucleophiles Provide New Annulation Protocols for the Formation of Carbo- and Heterocyclic Ring Systems.. <i>Journal of Organic Chemistry</i> , <b>2022</b> ,	4.2	0
51	Table_1.DOCX. <b>2020</b> ,		
50	DataSheet_1.pdf. <b>2020</b> ,		
49	DataSheet_2.pdf. <b>2020</b> ,		
48	Video_1.mp4. <b>2020</b> ,		
47	Video_2.mp4. <b>2020</b> ,		
46	Study of the resolution of amino acids and aminoalcohols in organic solvents. <i>Amino Acids</i> , <b>1995</b> , 9, 135-405	3.5	2
45	Accelerating reaction generality and mechanistic insight through additive mapping.. <i>Science</i> , <b>2022</b> , 376, 532-539	33.3	11
44	Introduction to Preparative Chromatography: Description of a Setup with Continuous Detection. <i>Journal of Chemical Education</i> ,	2.4	0
43	Controlling phase separation behavior of thermo-responsive ionic liquids through the directed distribution of anionic charge. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 360, 119401	6	
42	Alternative Assay Reagents for UV-Spectroscopic Detection of (Pyro-)Phosphate with the PUB Module. <i>Analytical Chemistry</i> ,	7.8	0

- 41 Design of novel 4-maleimidylphenyl-hydrazide molecules displaying anti-inflammatory properties: Refining the chemical structure. *European Journal of Medicinal Chemistry Reports*, **2022**, 5, 100064
- 40 Chemical synthesis of d(G-C)4, d(G-C)5 and d(GGTGGACCTC) by continuous flow solid phase phosphotriester method. **1985**, 95, ○
- 39 Synthesis of new para-aminobenzoic acid derivatives, in vitro biological evaluation and preclinical validation of DAB-2-28 as a therapeutic option for the treatment of bladder cancer. *European Journal of Medicinal Chemistry Reports*, **2022**, 100069
- 38 Validating the Hypoglycaemic and Hypotensive Roles of *Salvia serotina* (Chicken Weed) in Normal Healthy SpragueDawley Rats. *Scientific World Journal, The*, **2022**, 2022, 1-11 2.2
- 37 High-performance flash chromatography on fine-grained silica gel. *Russian Chemical Bulletin*, **2022**, 71, 1224-1230 1.7
- 36 Synthesis and structural analysis of push-pull imidazole-triazole based fluorescent bifunctional chemosensor for Cu<sup>2+</sup> and Fe<sup>2+</sup> detection. *Dyes and Pigments*, **2022**, 110539 4.6 1
- 35 Simple and modestly scalable synthesis of. *Australian Journal of Chemistry*, **2022**, 75, 331-344 1.2 1
- 34 Cassette dosing pharmacokinetics of a library of 2,6,9-trisubstituted purine cyclin-dependent kinase 2 inhibitors prepared by parallel synthesis. *Molecular Cancer Therapeutics*, **2004**, 3, 353-362 6.1 9
- 33 Mechanism-based design of agents that selectively target drug-resistant glioma. **2022**, 377, 502-511 ○
- 32 Transannular Approach to 2,3-Dihydropyrrolo[1,2-b]isoquinolin-5(1H)-ones through Brønsted Acid-Catalyzed Amidohalogenation. **2022**, 87, 10062-10072
- 31 Synthesis of 2-Deoxyglycosides Bearing Free Hydroxyl Substituents on the Glycosyl Donor. **2022**, 87, 10768-10790
- 30 Syntheses of 7-, 8- and 9-Bromobenzotropolone, Cross-Couplings of Their Methyl Ethers, and Deprotection to 7-, 8- or 9-Substituted Benzotropolones.
- 29 Total Syntheses of the Structures Assigned to the Marine Natural Products Orthoscuticellines A-E. **2022**, 87, 12287-12296 ○
- 28 Iridium Complexes with a Naphthyridine-Based Si,N-Ligand: Synthesis and Catalytic Activity toward Olefin Hydrogenation. **2022**, 41, 2612-2621 ○
- 27 A Seven-step Total Synthesis of (±)-Thebaine. ○
- 26 1,3-Dipolar Cycloadditions of Cyanoheteroarenes with non-stabilized Azomethine Ylides : C?N vs Aromatic C=C Reactivity. **2022**, 7, ○
- 25 Formal Total Syntheses of (+)- and (±)-Aspidophytine from a Common, Homochiral Precursor. ○
- 24 Stereochemical editing logic powered by the epimerization of unactivated tertiary stereocenters. **2022**, 378, 383-390 ○

- 23 Metallaphotoredox C-O and C-N Cross-coupling using Donor-Acceptor Cyanoarene Photocatalysts. ○
- 22 Asymmetric Cyclopropanation with 4-Aryloxy-1-sulfonyl-1,2,3-triazoles: Expanding the Range of Rhodium-Stabilized Donor/Acceptor Carbenes to Systems with an Oxygen Donor Group. 1
- 21 Versatile Synthesis of Trisphosphines Bearing Phenylene and Vinylene Backbones Useful for Metal Catalysis and Materials Applications. ○
- 20 Syntheses of 6,7-Benzotropolones by a Sequence of Acylation (or  $\beta$ -Hydroxyalkylation/Oxidation), Ring-Closing Metathesis, and Hydrolysis/ $\beta$ -Elimination. ○
- 19 First Total Synthesis of the Benzotropolone/Bis(pulvinone) Natural Product Aurantricholone Exploiting New Strategies for Establishing Benzotropolones and Z-Configured Pulvinones. ○
- 18 Green heterogeneous catalysts for cleaner solvent-free production of acetates. ○
- 17 ROBINSON ANNULATION APPLIED TO THE TOTAL SYNTHESIS OF NATURAL PRODUCTS. ○
- 16 Ruthenium Catalyzed Oxidative Cleavage of High Oleic Sunflower Oil: Considerations Regarding the Synthesis of a Fully Biobased Triacid. 2200171 ○
- 15 Six-step total syntheses of (S)-galanthamine and (R)-. **2022**, 75, 974-982 ○
- 14 Artificial Fluorescent Glucosinolates (F-GSLs) Are Transported by the Glucosinolate Transporters GTR1/2/3. **2023**, 24, 920 ○
- 13 Total Syntheses of Favolasins A, E, G and K, Polyketides Isolated from Cultures of the Basidiomycetes Fungi Favolaschia sp. BCC 18686 and Favolaschia calocera BCC 36684. ○
- 12 Synthesis of symmetric bis- $\beta$ -ketoamides from renewable starting materials and comparative study of their nucleating efficiency in PLLA. **2023**, 13, 4994-5001 ○
- 11 A Fluorogenic Covalent Chromone-Based Intercalator with a Mega-Stokes Shift for Sensing DNA Hybridization. **2023**, 11, 161 ○
- 10 Syntheses and Preliminary Biological Evaluations of the Dibromopyrrole-Containing Marine Natural Products Agesasine A, Agesasine B, Longamide E and Various Congeners. ○
- 9 Imidazo[1,2-a]pyridine-based hybrids. Copper-catalyzed cycloaddition synthesis, photophysics, docking, and interaction studies with biomacromolecules. **2023**, 214, 111212 ○
- 8 Broadly neutralizing aptamers to SARS-CoV-2: A diverse panel of modified DNA antiviral agents. **2023**, 31, 370-382 ○
- 7 High-Yield Synthesis of 1-Hydroxyhexane-2,5-dione via Hydrogenation/Hydrolysis of 5-Hydroxymethyl-furfural in Ionic Liquid-Assisted Multi-Phase Systems. **2023**, 11, 2520-2530 ○
- 6 Fragment Coupling Approach to Diaporthein B. **2023**, 88, 2221-2244 ○

- 5 Active Pharmaceutical Ingredient and Impurity Profiling Paracetamol. 109-122 ○
- 4 Synthetic Studies Concerned with the Proposed Structure of Ribisin F, a Compound with Nerve Growth Factor Potentiating Activity Isolated from the Medicinal Fungus *Phellinus ribis*. **2023**, 26, ○
- 3 DFT Study of Regio- and Stereoselective 13DC Reaction between Diazopropane and Substituted Chalcone Derivatives: Molecular Docking of Novel Pyrazole Derivatives as Anti-Alzheimer's Agents. **2023**, 28, 1899 ○
- 2 Investigating a new C2-symmetric testosterone dimer and its dihydrotestosterone analog: Synthesis, antiproliferative activity on prostate cancer cell lines and interaction with CYP3A4. **2023**, 250, 115222 ○
- 1 Optimization of an  $\beta$ -aminonaphthylmethylphosphonic acid inhibitor of purple acid phosphatase using rational structure-based design approaches. **2023**, 254, 115383 ○