

# Gnter Wulff

## List of Publications by Citations

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178  
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10,123  
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#	Paper	IF	Citations
154	Molecular Imprinting in Cross-Linked Materials with the Aid of Molecular Templates—A Way towards Artificial Antibodies. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 1812-1832		1951
153	Enzyme-like catalysis by molecularly imprinted polymers. <i>Chemical Reviews</i> , <b>2002</b> , 102, 1-27	68.1	1274
152	Results and problems of O-Glycoside synthesis. <i>Angewandte Chemie International Edition in English</i> , <b>1974</b> , 13, 157-70		261
151	Enzyme-analog-built polymers. 27. Racemic resolution of free sugars with macroporous polymers prepared by molecular imprinting. Selectivity dependence on the arrangement of functional groups versus spatial requirements. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 395-400	4.2	241
150	Design of biomimetic catalysts by molecular imprinting in synthetic polymers: the role of transition state stabilization. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 239-47	24.3	236
149	Enzyme Models Based on Molecularly Imprinted Polymers with Strong Esterase Activity. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1962-1964		232
148	Main-Chain Chirality and Optical Activity in Polymers Consisting of C?C Chains. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 21-37		221
147	Imprinted Membranes for Sensor Technology: Opposite Behavior of Covalently and Noncovalently Imprinted Membranes. <i>Macromolecules</i> , <b>1998</b> , 31, 2137-2140	5.5	162
146	Enzyme-analog built polymers. 20. Molecular recognition through the exact placement of functional groups on rigid matrixes via a template approach. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 1089-1091	16.4	153
145	Soluble single-molecule nanogels of controlled structure as a matrix for efficient artificial enzymes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2955-8	16.4	135
144	Functional mimicry of carboxypeptidase A by a combination of transition state stabilization and a defined orientation of catalytic moieties in molecularly imprinted polymers. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8044-54	16.4	128
143	Functional mimicry of the active site of carboxypeptidase a by a molecular imprinting strategy: cooperativity of an amidinium and a copper ion in a transition-state imprinted cavity giving rise to high catalytic activity. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7452-3	16.4	123
142	Ergebnisse und Probleme der O-Glykosidsynthese. <i>Angewandte Chemie</i> , <b>1974</b> , 86, 173-187	3.6	120
141	Stoichiometric noncovalent interaction in molecular imprinting. <i>Bioseparation</i> , <b>2001</b> , 10, 257-76		119
140	Molecularly imprinted polymers with strong carboxypeptidase a-like activity: combination of an amidinium function with a zinc-ion binding site in transition-state imprinted cavities. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1287-90	16.4	118
139	Fourty years of molecular imprinting in synthetic polymers: origin, features and perspectives. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 1359-1370	5.8	116
138	Molekulares Prügen (Imprinting) in vernetzten Materialien mit Hilfe von Matrizenmolekülen auf dem Weg zu künstlichen Antikörpern. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 1958-1979	3.6	114

137	Preparation of chromatographic sorbents with chiral cavities for racemic resolution. <i>Journal of Chromatography A</i> , <b>1978</b> , 167, 171-186	4.5	114
136	Catalytic Molecularly Imprinted Polymers Using Conventional Bulk Polymerization or Suspension Polymerization: Selective Hydrolysis of Diphenyl Carbonate and Diphenyl Carbamate. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 6295-6296	16.4	110
135	Enzyme-analogue built polymers, 22. Influence of the nature of the crosslinking agent on the performance of imprinted polymers in racemic resolution. <i>Die Makromolekulare Chemie</i> , <b>1987</b> , 188, 731-740		100
134	Molecular encapsulation of flavours as helical inclusion complexes of amylose. <i>Journal of Cereal Science</i> , <b>2005</b> , 41, 239-249	3.8	95
133	The synthesis of polymerizable vinyl sugars. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 259-274	2.6	89
132	The role of binding-site interactions in the molecular imprinting of polymers. <i>Trends in Biotechnology</i> , <b>1993</b> , 11, 85-7	15.1	89
131	Molecular Recognition in Polymers Prepared by Imprinting with Templates. <i>ACS Symposium Series</i> , <b>1986</b> , 186-230	0.4	89
130	The Synthesis, Characterization and Molecular Recognition Properties of Imprinted Microgels. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 163-171	2.6	87
129	Ber Glykoside mit lacton-bildendem Aglykon, II. Ber die Struktur der antibiotisch aktiven Substanzen der Tulpe ( <i>Tulipa gesneriana</i> L.). <i>Chemische Berichte</i> , <b>1969</b> , 102, 2057-2071		87
128	Enzyme-analogue built polymers, 29. The preparation of defined chiral cavities for the racemic resolution of free sugars. <i>Die Makromolekulare Chemie</i> , <b>1991</b> , 192, 1329-1338		81
127	Rapid Proton Transfer as Cause of an Unusually Large Neighboring Group Effect. <i>Angewandte Chemie International Edition in English</i> , <b>1984</b> , 23, 741-742		79
126	ABA and Star Amphiphilic Block Copolymers Composed of Polymethacrylate Bearing a Galactose Fragment and Poly( $\epsilon$ -caprolactone). <i>Macromolecular Rapid Communications</i> , <b>2002</b> , 23, 59-63	4.8	75
125	Arylboronic acids with intramolecular B $\cdots$ N interaction: convenient synthesis through ortho-lithiation of substituted benzylamines. <i>Journal of Organometallic Chemistry</i> , <b>1983</b> , 256, 1-9	2.3	70
124	A new enzyme model for enantioselective esterases based on molecularly imprinted polymers. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 4106-17	4.8	69
123	Enzyme-Analogue Built Polymers. XIX. Racemic Resolution on Polymers Containing Chiral Cavities. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1986</b> , 9, 385-405		68
122	Template Imprinted Polymers for HPLC Separation of Racemates. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1990</b> , 13, 2987-3000		63
121	Steroidsaponine mit mehr als einer Zuckerkette, IV. Avenacosid A, ein bisdesmosidisches Steroidsaponin aus <i>Avena sativa</i> . <i>Chemische Berichte</i> , <b>1969</b> , 102, 2072-2082		63
120	Fast Thermal Breaking and Formation of a B $\cdots$ N Bond in 2-(Aminomethyl)benzeneboronates <sup>1</sup> ). <i>Chemische Berichte</i> , <b>1981</b> , 114, 3403-3411		60

119	Enzyme-analogue built polymers, 23. Influence of the structure of the binding sites on the selectivity for racemic resolution. <i>Die Makromolekulare Chemie</i> , <b>1987</b> , 188, 741-748		58
118	Enzyme-analogue built polymers, 26. Enantioselective synthesis of amino acids using polymers possessing chiral cavities obtained by an imprinting procedure with template molecules. <i>Die Makromolekulare Chemie</i> , <b>1989</b> , 190, 1727-1735		51
117	Synthesis of Poly(styryl sugar)s by TEMPO Mediated Free Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 3426-3431	2.6	50
116	Amphiphilic Block Copolymers with Pendent Sugar as Hydrophilic Segments and Their Surface Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 3273-3278	2.6	49
115	Helical amylose complexes with organic complexands, 1. Microcalorimetric and circular dichroic investigations. <i>Die Makromolekulare Chemie</i> , <b>1992</b> , 193, 1071-1080		49
114	Modification of amylose and investigation of its inclusion behavior. <i>Carbohydrate Research</i> , <b>1998</b> , 307, 19-31	2.9	47
113	Chirality of polyvinyl compounds. 5. Optically active polymers with structural chirality in the main chain prepared through an asymmetric cyclocopolymerization. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 7449-7457	16.4	45
112	Catalytically active, molecularly imprinted polymers in bead form. <i>Reactive and Functional Polymers</i> , <b>2003</b> , 54, 49-61	4.6	44
111	Surface-Enhanced Raman Scattering on Molecularly Imprinted Polymers in Water. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 481-487	2.6	38
110	Calorimetric Investigation of Chiral Recognition Processes in a Molecularly Imprinted Polymer. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2002</b> , 43, 279-283		37
109	Über die orthoesterbildung als konkurrenzreaktion zur glykosylierung. <i>Carbohydrate Research</i> , <b>1977</b> , 53, 33-46	2.9	37
108	Generating hydrophilic surfaces on standard polymers after copolymerization with low amounts of protected vinyl sugars. <i>Macromolecular Chemistry and Physics</i> , <b>1999</b> , 200, 774-782	2.6	36
107	Circular dichroism and ultraviolet spectroscopy of complexes of amylose. <i>Carbohydrate Research</i> , <b>1992</b> , 237, 1-10	2.9	35
106	Zur Chemie von Haftgruppen, IV. Über eine außerordentliche Erhöhung der Reaktivität von Arylboronsäuren durch Nachbargruppen. <i>Chemische Berichte</i> , <b>1985</b> , 118, 246-260		35
105	Synthesis and characterization of polymers containing linear sugar moieties as side groups. <i>European Polymer Journal</i> , <b>2002</b> , 38, 273-280	5.2	34
104	Cholesterol Esterase Activity of a Molecularly Imprinted Polymer. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 1105-1108	2.6	34
103	Cooperativity and Transfer of Chirality in Liquid-Crystalline Polymers. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 188-191		33
102	Occurrence of strong circular dichroism during measurement of CD spectra due to intramolecular cyclization. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 409-410	16.4	33

101	Enzyme-analogue built polymers, 25. Synthesis of macroporous copolymers from amino acid based vinyl compounds. <i>Die Makromolekulare Chemie</i> , <b>1989</b> , 190, 1717-1726		33
100	Über Saponine der Spirostanolreihe, VII. Über Digalogenin, ein neues Saponin aus den Samen von <i>Digitalis purpurea</i> L. <i>Chemische Berichte</i> , <b>1961</b> , 94, 2019-2026		33
99	Amidine-based molecularly imprinted polymers-new sensitive elements for chiral chemosensors. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 608-13	4.4	32
98	Chirality of polyvinyl compounds. 2. An asymmetric copolymerization. <i>Macromolecules</i> , <b>1982</b> , 15, 1255-1261	3.6	32
97	Über Glykoside mit lacton-bildendem Aglykon, III. Über Parasorbosid, den glykosidischen Vorläufer der Parasorbinsäure, aus Vogelbeeren. <i>Chemische Berichte</i> , <b>1971</b> , 104, 1420-1428		32
96	On the synthesis of C-glycosyl compounds containing double bonds without the use of protecting groups. <i>Carbohydrate Research</i> , <b>1994</b> , 257, 81-95	2.9	30
95	Hauptkettenchiralität und optische Aktivität von Polymeren aus C-C-Ketten. <i>Angewandte Chemie</i> , <b>1989</b> , 101, 22-38	3.6	29
94	Amino Acid Derivatives from N-(Arylmethylene)dehydroalanine Methyl Esters. <i>Angewandte Chemie International Edition in English</i> , <b>1986</b> , 25, 90-92		28
93	Über sarsaparillosid, ein saponinderivat mit bisglykosidischer furostanolstruktur. <i>Tetrahedron Letters</i> , <b>1967</b> , 8, 2785-2790	2	28
92	Chirality of polyvinyl compounds. 10. Asymmetric perturbation of side-chain chromophores caused by the main-chain configuration of optically active vinyl polymers. <i>Macromolecules</i> , <b>1990</b> , 23, 100-111	5.5	27
91	Directed Cooperativity and Site Separation of Mercapto Groups in Synthetic Polymers. <i>Angewandte Chemie International Edition in English</i> , <b>1978</b> , 17, 537-538		27
90	Über enzymalog gebaute Polymere, III. Zur Synthese von polymerisierbaren D-Glycerinsäurederivaten. <i>Chemische Berichte</i> , <b>1974</b> , 107, 3364-3376		27
89	Characterization and Chemical Modification of Amylose Complexes. <i>Starch/Stärke</i> , <b>1993</b> , 45, 220-225	2.3	26
88	Untersuchungen Glykosidsynthese. <i>Carbohydrate Research</i> , <b>1971</b> , 19, 139-142	2.9	26
87	Untersuchungen zur Glykosidsynthese, II. Die Umsetzung von Acetobromglucose mit den Silbersalzen von Hydroxycarbonylen. <i>Chemische Berichte</i> , <b>1971</b> , 104, 1387-1399		26
86	Über Triterpene, XVII. Das Aglykon des Cyclamins. <i>Justus Liebigs Annalen Der Chemie</i> , <b>1964</b> , 680, 107-118		26
85	Enzyme-analogue built polymers, 18 chiral cavities in polymer layers coated on wide-pore silica. <i>Reactive Polymers, Ion Exchangers, Sorbents</i> , <b>1985</b> , 3, 261-275		25
84	On the stereochemical control of glycosylation reactions by the addition of tetrahydrofuran. <i>Carbohydrate Research</i> , <b>1979</b> , 72, 280-284	2.9	25

83	Untersuchungen zur Glycosidsynthese, IX. Zur Synthese von $\beta$ -D-Mannopyranosiden. <i>Chemische Berichte</i> , <b>1979</b> , 112, 2847-2853		24
82	Can Polystyrene be Optically Active?. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 196-198		23
81	Enzyme-analogue built polymers, 6. Synthesis of 5-vinylsalicylaldehyde and a simplified synthesis of some divinyl derivatives. <i>Die Makromolekulare Chemie</i> , <b>1978</b> , 179, 2647-2651		23
80	Optically Active, Isotactic Homopolymers of $\beta$ -Olefins with Main-Chain Chirality and the First Preparation of Optically Active C <sub>3</sub> -Symmetrical Polymers. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 1898-1904	4.8	22
79	Template monomer control of the chirality induction in the polymer backbone during asymmetric vinyl polymerization. <i>Macromolecules</i> , <b>1990</b> , 23, 4525-4527	5.5	21
78	Enzyme-Analogue Built Polymers. IX. Polymers with Mercapto Groups of Definite Cooperativity. <i>Israel Journal of Chemistry</i> , <b>1978</b> , 17, 291-297	3.4	21
77	Preparation of novel heterocyclic amino acids from N-(arylmethylene)dehydroalanine methyl esters. <i>Tetrahedron</i> , <b>1992</b> , 48, 5985-5990	2.4	20
76	Chirality of polyvinyl compounds. 6. Unusual influences of the comonomer structures on the chiroptical properties of optically active vinyl copolymers with chirality arising from configurational relationships in the main chain. <i>Macromolecules</i> , <b>1988</b> , 21, 571-578	5.5	20
75	Molekular gepragte Polymere als Enzymmodelle mit starker Esteraseaktivitat. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 2050-2052	3.6	19
74	Template-Induced, Stereoselective Cyclizations in the Cyclopolymerization of TADDOL-Dimethacrylate This work was supported by the Fonds der Chemischen Industrie. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 2275-2277	16.4	19
73	New type of polyvinylsaccharides with N,N-dimethylbarbituric acid as a linker between sugar and styrene residue. <i>Macromolecular Chemistry and Physics</i> , <b>1994</b> , 195, 2603-2610	2.6	19
72	Zur Chemie von Haftgruppen, VI. er die Eignung verschiedener Aldehyde und Ketone als Haftgruppen fur Monoalkohole. <i>Chemische Berichte</i> , <b>1986</b> , 119, 1876-1889		19
71	Steroidsaponine mit mehr als einer Zuckerkette, IX. Purpureagitosid, ein bisdesmosidisches 22-Hydroxyfurostanol-Glycosid aus den Blutern von <i>Digitalis purpurea</i> L.. <i>Chemische Berichte</i> , <b>1974</b> , 107, 2828-2834		19
70	Molecular Imprinting. <i>Annals of the New York Academy of Sciences</i> , <b>1984</b> , 434, 327-333	6.5	18
69	The preparation of new types of polymerizable vinyl sugars with C-C bonds between sugar and double bond. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 1285-1299	2.6	17
68	Measuring the Optical Activity of Chiral Imprints in Insoluble Highly Cross-linked Polymers. <i>Angewandte Chemie International Edition in English</i> , <b>1990</b> , 29, 684-686		17
67	er enzymanalog gebaute polymere, 14. Stereospezifische haftungen er amidbindung oder elektrostatische wechselwirkung. <i>Die Makromolekulare Chemie</i> , <b>1982</b> , 183, 1603-1614		17
66	er enzymanalog gebaute polymer, 16. er den Einflu der flexibilitat der haftgruppen auf die racemattrennungsfahigkeit. <i>Die Makromolekulare Chemie</i> , <b>1982</b> , 183, 2469-2477		17

65	Optisch aktive Polyvinylverbindungen mit Chiralität in der Hauptkette. <i>Angewandte Chemie</i> , <b>1978</b> , 90, 567-568	3.6	17
64	New Methods for Preparation of Glycosides. <i>Angewandte Chemie International Edition in English</i> , <b>1970</b> , 9, 455-456		17
63	Molecular imprinting with covalent or stoichiometric non-covalent interactions. <i>Techniques and Instrumentation in Analytical Chemistry</i> , <b>2001</b> , 23, 71-111		16
62	Biorecognition in Molecularly Imprinted Polymers <b>1993</b> , 363-381		16
61	Aminosäure-Derivate aus N-(Arylmethylen)dehydroalaninmethylestern. <i>Angewandte Chemie</i> , <b>1986</b> , 98, 101-102	3.6	16
60	Synthesis of monosaccharides with the aid of a new synthetic equivalent for the glycolaldehyde anion. <i>Carbohydrate Research</i> , <b>1987</b> , 164, 123-140	2.9	16
59	Über enzymanalog gebaute Polymere, X. Über die Synthese von Monomeren zur Einführung von Aminogruppen in Polymere in definiertem Abstand. <i>Chemische Berichte</i> , <b>1979</b> , 112, 2854-2865		16
58	Molecular design of novel transition state analogues for molecular imprinting. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1537-1542	3.6	15
57	Über Saponine der Spirostanolreihe, XII. Über Parillin, ein Saponin mit stark verzweigter Zuckerkette. <i>Justus Liebigs Annalen Der Chemie</i> , <b>1966</b> , 699, 212-222		15
56	Preparation and polymer-analogous reactions of a poly(vinyl sugar) with a C-C bond between sugar and polymer backbone. <i>Macromolecular Chemistry and Physics</i> , <b>1997</b> , 198, 763-775	2.6	14
55	Wässrige Einzelmolekül-Nanogelee mit kontrollierbarer Struktur als Matrix für wirksame Enzymmodelle. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3021-3024	3.6	14
54	Inclusion compounds of derivatized amyloses. <i>Macromolecular Symposia</i> , <b>1995</b> , 99, 93-102	0.8	14
53	2-Substituted 1,3,2-Dioxaboroles as Synthetic Equivalents for the Glycolaldehyde Anion. <i>Angewandte Chemie International Edition in English</i> , <b>1986</b> , 25, 560-562		14
52	Complexation of arylboronates with nitrogen-containing bases. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1987</b> , 745		14
51	Synthesis of Oligomeric and Polymeric Monosaccharides by Aldol Group-Transfer Polymerization. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 1158-1160		14
50	Schneller Protonentransfer als Ursache für einen ungewöhnlich großen Nachbargruppeneffekt. <i>Angewandte Chemie</i> , <b>1984</b> , 96, 714-716	3.6	14
49	Über enzymanalog gebaute Polymere, 11. Bindungsstellen im Polymer mit unterschiedlicher Zahl der Haftgruppen. <i>Die Makromolekulare Chemie</i> , <b>1980</b> , 181, 531-544		14
48	Radically Initiated Asymmetric Cyclizations as Model Reactions for Asymmetric Cyclocopolymerizations. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 5785-5792	4.2	13

47	Molekular geprigte Polymere mit starker Carboxypeptidase-A-Aktivit: Kombination einer Amidiniumfunktion mit einer Zink-Bindungsstelle in einem durch einen bergangszustand geprigten Hohlraum. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 1307-1311	3.6	13
46	Molecular imprinting  a way to prepare effective mimics of natural antibodies and enzymes. <i>Studies in Surface Science and Catalysis</i> , <b>2002</b> , 141, 35-44	1.8	13
45	ber die Dimerisierung von N-(Arylmethylen)dehydroalaninestern. <i>Liebigs Annalen Der Chemie</i> , <b>1989</b> , 1989, 527-531		13
44	Enzyme-analogue built polymers, 17 Investigations on the racemic resolution of amino acids. <i>Reactive Polymers, Ion Exchangers, Sorbents</i> , <b>1984</b> , 2, 167-174		13
43	Optically Active Polyvinyl Compounds with Chirality in the Main Chain. <i>Angewandte Chemie International Edition in English</i> , <b>1978</b> , 17, 535-537		13
42	Enzyme-analogue built polymers, 24 On the distance accuracy of functional groups in polymers and silicas introduced by a template approach. <i>Reactive Polymers, Ion Exchangers, Sorbents</i> , <b>1987</b> , 6, 299-310		12
41	Molecular Imprinting for the Preparation of Enzyme-Analogous Polymers. <i>ACS Symposium Series</i> , <b>1998</b> , 10-28	0.4	11
40	Synthesis of N-(Arylmethylene)dehydroalanine Esters. <i>Angewandte Chemie International Edition in English</i> , <b>1984</b> , 23, 380-381		11
39	Synthese von N-(Arylmethylen)dehydroalaninestern. <i>Angewandte Chemie</i> , <b>1984</b> , 96, 362-362	3.6	11
38	Molecular Imprinting in Crosslinked Polymers - The Role of the Binding Sites. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 276, 1-6		10
37	ber die Darstellung von N-(Arylmethylen)dehydroalanin-methylestern sowie ihre Eignung als Bausteine in der Aminosuresynthese. <i>Liebigs Annalen Der Chemie</i> , <b>1988</b> , 1988, 501-505		10
36	Neue Methode zur Darstellung von Glykosiden. <i>Angewandte Chemie</i> , <b>1970</b> , 82, 480-480	3.6	10
35	Preparation and polymerization of water-soluble styryl sugars with C=C bonds between sugar and double bond. <i>Macromolecular Chemistry and Physics</i> , <b>1998</b> , 199, 141-147	2.6	9
34	Die Messung der optischen Aktivit von chiralen Abdrcken in unlslichen, hochvernetzten Polymeren. <i>Angewandte Chemie</i> , <b>1990</b> , 102, 706-708	3.6	9
33	Nur in 2-Stellung substituierte 1,3,2-Dioxaborole als Synthese-quivalente fr das Glykolaldehyd-Anion. <i>Angewandte Chemie</i> , <b>1986</b> , 98, 552-553	3.6	9
32	Synthese von oligomeren und polymeren Monosacchariden durch Aldol-Gruppentransfer-Polymerisation. <i>Angewandte Chemie</i> , <b>1988</b> , 100, 1197-1198	3.6	9
31	Knnen Vinylpolymere optisch aktiv sein?. <i>Nachrichten Aus Der Chemie</i> , <b>1985</b> , 33, 956-961		9
30	ber enzymanalog gebaute polymere, 15. ber die synthese von (R)- und von (S)-1-(4-vinylphenyl)ethylamin und einiger anderer monomere mit funktionellen gruppen. <i>Die Makromolekulare Chemie</i> , <b>1982</b> , 183, 2459-2467		9



29	Steroidsaponine mit mehr als einer Zuckerkette, VII. Convallamarosid, ein trisdesmosidisches 22-Hydroxyfurostanol-Glycosid aus den Wurzeln von <i>Convallaria majalis</i> L.. <i>Chemische Berichte</i> , <b>1973</b> , 106, 3010-3019		9
28	Template-induced control of stereochemistry for the synthesis of linear vinyl polymers. <i>Macromolecular Symposia</i> , <b>1996</b> , 101, 355-362	0.8	8
27	A General Synthesis of (Z)-1,2-Ethenediol Derivatives. <i>Chemische Berichte</i> , <b>1992</b> , 125, 473-477		8
26	On the chemistry of binding sites VII. Enantioselective binding using chiral boronic acids. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , <b>1990</b> , 109, 216-221		8
25	N-substituted-2-carboxamidophenylboronic acid anhydrides. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 309, 241-246	2.3	8
24	Optically Active Stereocomplexes of Isotactic Poly(methyl methacrylates) with Main-Chain Chirality. <i>Angewandte Chemie International Edition in English</i> , <b>1991</b> , 30, 849-850		7
23	Design of vinyl functional copolymers with main chain chirality through chemical modifications. <i>Die Makromolekulare Chemie</i> , <b>1987</b> , 188, 2847-2856		7
22	Über Triterpene, XXIV1) Die Konstitution der Zuckerkette des Cyclamins. <i>Justus Liebigs Annalen Der Chemie</i> , <b>1969</b> , 721, 194-208		7
21	3,4?-Dihydroxypropiophenon-3-?-D-glucopyranosid aus <i>Betula alba</i> . <i>Phytochemistry</i> , <b>1974</b> , 13, 518-519	4	7
20	Templat-induzierte, stereoselektive Cyclisierungen bei der Cyclopolymerisation von TADDOL-dimethacrylat. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 2364-2366	3.6	6
19	On the chirality of polyvinyl compounds, part 17. Investigations on main-chain chiral copolymers with alternating structure. <i>Macromolecular Chemistry and Physics</i> , <b>1994</b> , 195, 3679-3688	2.6	6
18	Aldol-group-transfer polymerization of 2-phenyl-1,3,2-dioxaborole. Preparation of graft and comb-like polymers. <i>Die Makromolekulare Chemie</i> , <b>1993</b> , 194, 1569-1582		5
17	Chemical synthesis and complexing behaviour of branched cyclodextrins composed of an amylose and a cyclodextrin residue. <i>Macromolecular Chemistry and Physics</i> , <b>1994</b> , 195, 1719-1732	2.6	4
16	Kooperativität und Übertragung von Chiralität in flüssigkristallinen Polymeren. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 240-243	3.6	4
15	On the chirality of polyvinyl compounds, 19 Influence of double bond position on the asymmetric cyclopolymerization. <i>Macromolecular Chemistry and Physics</i> , <b>1995</b> , 196, 3341-3351	2.6	4
14	Kann Polystyrol optisch aktiv sein?. <i>Angewandte Chemie</i> , <b>1989</b> , 101, 198-200	3.6	4
13	Untersuchungen zur Glycosidsynthese, XI. Darstellung und Eigenschaften von Acylorthoestern. <i>Chemische Berichte</i> , <b>1980</b> , 113, 2760-2768		4
12	Directed Synthesis of Acyl Ortho Esters. <i>Angewandte Chemie International Edition in English</i> , <b>1979</b> , 18, 309-310		4

11	Gezielte Synthese von Acylorthoestern. <i>Angewandte Chemie</i> , <b>1979</b> , 91, 337-341	3.6	4
10	Polymer Assisted Molecular Recognition: The Current Understanding of the Molecular Imprinting Procedure <b>1991</b> , 55-68		4
9	Molecular imprinting in synthetic polymers. Models for the receptor site in enzymes. <i>Makromolekulare Chemie Macromolecular Symposia</i> , <b>1993</b> , 70-71, 285-288		2
8	Optisch aktive $\beta$ stereokomplexe von Hauptketten-chiralen isotaktischen Polymethylmethacrylaten. <i>Angewandte Chemie</i> , <b>1991</b> , 103, 870-871	3.6	2
7	Models of The Binding Sites of Enzymes: Template Induced Preparation of Specific Binding Sites in Crosslinked Polymers. <i>Advances in Molecular and Cell Biology</i> , <b>1996</b> , 639-649		1
6	Preparation and polymerization of water-soluble styryl sugars with C=C bonds between sugar and double bond <b>1998</b> , 199, 141		1
5	Surface-Modified Polymers and Polymers with Strong Heparin-Like Activity Based on Vinyl Sugars. <i>ACS Symposium Series</i> , <b>2001</b> , 276-291	0.4	
4	Templated Synthesis of Polymers - Molecularly Imprinted Materials for Recognition and Catalysis 39-73		
3	Synthesis and polymerization behavior of 2,3-dihydro-1,4-dioxin-2-one and its 3-methyl derivative. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 2231-2237	2.6	
2	Aufbau und Verknüpfung der Zucker in den Saponinen von <i>Digitalis purpurea</i> L. <i>Angewandte Chemie</i> , <b>1963</b> , 75, 685-685	3.6	
1	Optically Active Vinyl Polymers with Backbone Chirality <b>1987</b> , 399-408		