

Reinhard Wimmer

List of Publications by Year in descending order

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135
papers

4,057
citations

117625

34
h-index

138484

58
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137
all docs

137
docs citations

137
times ranked

5688
citing authors

#	ARTICLE	IF	CITATIONS
1	Speed dating for enzymes! Finding the perfect phosphopantetheinyl transferase partner for your polyketide synthase. <i>Microbial Cell Factories</i> , 2022, 21, 9.	4.0	2
2	Upgrading the Nutritional Value of PKC Using a <i>Bacillus subtilis</i> Derived Monocomponent Î ² -Mannanase. <i>Molecules</i> , 2022, 27, 563.	3.8	0
3	Metabolic fingerprint of progression of chronic hepatitis B: changes in the metabolome and novel diagnostic possibilities. <i>Metabolomics</i> , 2021, 17, 16.	3.0	8
4	Metabolic changes during carbon monoxide poisoning: An experimental study. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5191-5201.	3.6	6
5	Production and Selectivity of Key Fusarubins from <i>Fusarium solani</i> due to Media Composition. <i>Toxins</i> , 2021, 13, 376.	3.4	5
6	Mechanistic Insights into the Leishmanicidal and Bactericidal Activities of Batroxicidin, a Cathelicidin-Related Peptide from a South American Viper (<i>Bothrops atrox</i>). <i>Journal of Natural Products</i> , 2021, 84, 1787-1798.	3.0	14
7	Cyclic, Hydrophobic Hexapeptide Fusahexin Is the Product of a Nonribosomal Peptide Synthetase in <i>Fusarium graminearum</i> . <i>Journal of Natural Products</i> , 2021, 84, 2070-2080.	3.0	8
8	Seminal plasma metabolomics profiles following long (4-7 days) and short (2 h) sexual abstinence periods. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 264, 178-183.	1.1	12
9	Citrate NMR peak irreproducibility in blood samples after reacquisition of spectra. <i>Metabolomics</i> , 2020, 16, 7.	3.0	1
10	Arrhythmogenic Calmodulin Mutations Can Disrupt the Globular Structure and Uncouple Ca ²⁺ Binding Cooperativity. <i>Biophysical Journal</i> , 2020, 118, 106a.	0.5	1
11	Tissue, urine and serum NMR metabolomics dataset from a 5/6 nephrectomy rat model of chronic kidney disease. <i>Data in Brief</i> , 2020, 33, 106567.	1.0	2
12	Mechanistic basis of substrate-O ₂ coupling within a chitin-active lytic polysaccharide monooxygenase: An integrated NMR/EPR study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19178-19189.	7.1	42
13	Using Open BIM and IFC to Enable a Comprehensive Consideration of Building Services within a Whole-Building LCA. <i>Sustainability</i> , 2020, 12, 5644.	3.2	27
14	Heterologous Expression of the Core Genes in the Complex Fusarubin Gene Cluster of <i>Fusarium Solani</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7601.	4.1	11
15	The arrhythmogenic N53I variant subtly changes the structure and dynamics in the calmodulin N-terminal domain, altering its interaction with the cardiac ryanodine receptor. <i>Journal of Biological Chemistry</i> , 2020, 295, 7620-7634.	3.4	21
16	Undeafed- Changing the phenamacril scaffold is not enough to beat resistant <i>Fusarium</i> . <i>PLoS ONE</i> , 2020, 15, e0235568.	2.5	1
17	A longitudinal serum NMR-based metabolomics dataset of ischemia-reperfusion injury in adult cardiac surgery. <i>Scientific Data</i> , 2020, 7, 198.	5.3	9
18	Arrhythmia mutations in calmodulin can disrupt cooperativity of Ca ²⁺ -binding and cause misfolding. <i>Journal of Physiology</i> , 2020, 598, 1169-1186.	2.9	26

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19	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
20	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
21	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
22	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
23	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
24	Undefeatedâ€”Changing the phenamacril scaffold is not enough to beat resistant Fusarium. , 2020, 15, e0235568.		0
25	Tissue, urine and blood metabolite signatures of chronic kidney disease in the 5/6 nephrectomy rat model. <i>Metabolomics</i> , 2019, 15, 112.	3.0	26
26	Heterologous expression of intact biosynthetic gene clusters in <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , 2019, 132, 103248.	2.1	15
27	Importance of building services in ecological building assessments. <i>E3S Web of Conferences</i> , 2019, 111, 03061.	0.5	5
28	Characterization of Eight Novel Spiroleptosphols from <i>Fusarium avenaceum</i> . <i>Molecules</i> , 2019, 24, 3498.	3.8	5
29	Characterization of Arrhythmia Mutations in Calmodulin and their Interactions with the Voltage-Gated Calcium Channel. <i>Biophysical Journal</i> , 2019, 116, 312a.	0.5	0
30	Self-assembled nanoparticles based on cyclodextrin-modified pullulan: Synthesis, and structural characterization using SAXS. <i>Carbohydrate Polymers</i> , 2019, 213, 403-410.	10.2	13
31	Aerobic dissipation of the novel cyanoacrylate fungicide phenamacril in soil and sludge incubations. <i>Chemosphere</i> , 2019, 233, 873-878.	8.2	10
32	Fusaotaxin A, an Example of a Two-Step Mechanism for Non-Ribosomal Peptide Assembly and Maturation in Fungi. <i>Toxins</i> , 2019, 11, 277.	3.4	17
33	The Proteome of <i>Tetrasphaera elongata</i> is adapted to Changing Conditions in Wastewater Treatment Plants. <i>Proteomes</i> , 2019, 7, 16.	3.5	21
34	19F-substituted amino acids as an alternative to fluorophore labels: monitoring of degradation and cellular uptake of analogues of penetratin by 19F NMR. <i>Journal of Biomolecular NMR</i> , 2019, 73, 167-182.	2.8	7
35	A new vector system for targeted integration and overexpression of genes in the crop pathogen <i>Fusarium solani</i> . <i>Fungal Biology and Biotechnology</i> , 2019, 6, 25.	5.1	6
36	There it is! <i>Fusarium pseudograminearum</i> did not lose the fusaristatin gene cluster after all. <i>Fungal Biology</i> , 2019, 123, 10-17.	2.5	12

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37	MVD based information exchange between BIM and building energy performance simulation. Automation in Construction, 2018, 90, 91-103.	9.8	87
38	Balancing High Open Circuit Voltage over 1.0 V and High Short Circuit Current in Benzodithiophene-Based Polymer Solar Cells with Low Energy Loss: A Synergistic Effect of Fluorination and Alkylthiolation. Advanced Energy Materials, 2018, 8, 1701471.	19.5	57
39	The cereal pathogen <i>Fusarium pseudograminearum</i> produces a new class of active cytokinins during infection. Molecular Plant Pathology, 2018, 19, 1140-1154.	4.2	37
40	Lung Protection Strategies during Cardiopulmonary Bypass Affect the Composition of Blood Electrolytes and Metabolites—A Randomized Controlled Trial. Journal of Clinical Medicine, 2018, 7, 462.	2.4	9
41	Enhancing the Production of the Fungal Pigment Aurofusarin in <i>Fusarium graminearum</i> . Toxins, 2018, 10, 485.	3.4	26
42	Lung Protection Strategies during Cardiopulmonary Bypass Affect the Composition of Bronchoalveolar Fluid and Lung Tissue in Cardiac Surgery Patients. Metabolites, 2018, 8, 54.	2.9	13
43	Arrhythmia mutations in calmodulin cause conformational changes that affect interactions with the cardiac voltage-gated calcium channel. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10556-E10565.	7.1	36
44	Who Needs Neighbors? PKS8 Is a Stand-Alone Gene in <i>Fusarium graminearum</i> Responsible for Production of Gibepyrone and Prolipyrone B. Molecules, 2018, 23, 2232.	3.8	16
45	Genomic and in Situ Analyses Reveal the Micropruina spp. as Abundant Fermentative Glycogen Accumulating Organisms in Enhanced Biological Phosphorus Removal Systems. Frontiers in Microbiology, 2018, 9, 1004.	3.5	45
46	Metabotyping Patients' Journeys Reveals Early Predisposition to Lung Injury after Cardiac Surgery. Scientific Reports, 2017, 7, 40275.	3.3	13
47	Determination of Structure and Micellar Interactions of Small Antimicrobial Peptides by Solution-State NMR. Methods in Molecular Biology, 2017, 1548, 73-88.	0.9	3
48	The Arrhythmogenic Calmodulin p.Phe142Leu Mutation Impairs C-domain Ca ²⁺ Binding but Not Calmodulin-dependent Inhibition of the Cardiac Ryanodine Receptor. Journal of Biological Chemistry, 2017, 292, 1385-1395.	3.4	35
49	(<i>Z</i>), Not (<i>E</i>)—An End to a Century of Confusion about the Double-Bond Stereoisomers of 3-Aminoacrylates. European Journal of Organic Chemistry, 2017, 2017, 6408-6412.	2.4	4
50	Chrysogine Biosynthesis Is Mediated by a Two-Module Nonribosomal Peptide Synthetase. Journal of Natural Products, 2017, 80, 2131-2135.	3.0	37
51	Functional Analysis of the Fusarielin Biosynthetic Gene Cluster. Molecules, 2016, 21, 1710.	3.8	15
52	Real-time imaging of the growth-inhibitory effect of JS399-19 on <i>Fusarium</i> . Pesticide Biochemistry and Physiology, 2016, 134, 24-30.	3.6	14
53	Predictive biomarkers and metabolic hallmark of postoperative hypoxaemia. Metabolomics, 2016, 12, 1.	3.0	12
54	Interactions of a fungal lytic polysaccharide monooxygenase with β -glucan substrates and cellobiose dehydrogenase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5922-5927.	7.1	126

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55	Backbone and side-chain ¹ H, ¹³ C, and ¹⁵ N chemical shift assignments for the apo-form of the lytic polysaccharide monoxygenase NcLPMO9C. <i>Biomolecular NMR Assignments</i> , 2016, 10, 277-280.	0.8	8
56	Label-free quantification reveals major proteomic changes in <i>Pseudomonas putida</i> F1 during the exponential growth phase. <i>Proteomics</i> , 2015, 15, 3244-3252.	2.2	17
57	Formation of nanoparticles by cooperative inclusion between (<i>S</i>)-camptothecin-modified dextrans and β -cyclodextrin polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 147-154.	2.2	5
58	Rational Design of Alpha-Helical Antimicrobial Peptides: Do's and Don'ts. <i>ChemBioChem</i> , 2015, 16, 242-253.	2.6	67
59	Intracellular Accumulation of Glycine in Polyphosphate-Accumulating Organisms in Activated Sludge, a Novel Storage Mechanism under Dynamic Anaerobic-Aerobic Conditions. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4809-4818.	3.1	58
60	Synthesis and surface grafting of a β -cyclodextrin dimer facilitating cooperative inclusion of 2,6-ANS. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 514-523.	2.2	5
61	Solution NMR and molecular dynamics reveal a persistent alpha helix within the dynamic region of PsbQ from photosystem II of higher plants. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 1677-1686.	2.6	4
62	Identification of Triclosan-O-Sulfate and other transformation products of Triclosan formed by activated sludge. <i>Science of the Total Environment</i> , 2015, 505, 39-46.	8.0	41
63	Structural and Functional Characterization of the R-modules in Alginate C-5 Epimerases AlgE4 and AlgE6 from <i>Azotobacter vinelandii</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 31382-31396.	3.4	27
64	Thermodynamic and structural investigation of the specific SDS binding of <i>humicola insolens</i> cutinase. <i>Protein Science</i> , 2014, 23, 1023-1035.	7.6	39
65	The Lantibiotic NAI-107 Binds to Bactoprenol-bound Cell Wall Precursors and Impairs Membrane Functions. <i>Journal of Biological Chemistry</i> , 2014, 289, 12063-12076.	3.4	74
66	Identification of the Biosynthetic Gene Clusters for the Lipopeptides Fusaristatin A and W493 B in <i>Fusarium graminearum</i> and <i>F. pseudograminearum</i> . <i>Journal of Natural Products</i> , 2014, 77, 2619-2625.	3.0	55
67	<i>Fusarium graminearum</i> PKS14 is involved in orsellinic acid and orcinol synthesis. <i>Fungal Genetics and Biology</i> , 2014, 70, 24-31.	2.1	43
68	Structural features of peptoid-peptide hybrids in lipid-water interfaces. <i>FEBS Letters</i> , 2014, 588, 3291-3297.	2.8	8
69	Synthetic analogs of anoplin show improved antimicrobial activities. <i>Journal of Peptide Science</i> , 2013, 19, 669-675.	1.4	34
70	A metabolic model for members of the genus <i>Tetrasphaera</i> involved in enhanced biological phosphorus removal. <i>ISME Journal</i> , 2013, 7, 543-554.	9.8	188
71	Design of experiments and multivariate analysis for evaluation of reversed-phase high-performance liquid chromatography with charged aerosol detection of sucrose caprate regioisomers. <i>Journal of Chromatography A</i> , 2013, 1281, 67-72.	3.7	11
72	The Structure of the Central Side Chain is Crucial for Anoplin Hemolytic Activity. , 2013, , .		0

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73	Eurocin, a New Fungal Defensin. <i>Journal of Biological Chemistry</i> , 2012, 287, 42361-42372.	3.4	75
74	Interactions of cyclodextrins with aromatic amino acids: a basis for protein interactions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 349-357.	1.6	29
75	The insect defensin lucifensin from <i>Lucilia sericata</i> . <i>Journal of Biomolecular NMR</i> , 2012, 52, 277-282.	2.8	24
76	Production of novel fusarielins by ectopic activation of the polyketide synthase 9 cluster in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2012, 14, 1159-1170.	3.8	68
77	Quantification of Amino Acids in Fermentation Media by Isocratic HPLC Analysis of Their β -Hydroxy Acid Derivatives. <i>Analytical Chemistry</i> , 2011, 83, 175-181.	6.5	30
78	NMR assignments of ^1H , ^{13}C and ^{15}N resonances of the C-terminal subunit from <i>Azotobacter vinelandii</i> mannuronan C5-epimerase 6 (AlgE6R3). <i>Biomolecular NMR Assignments</i> , 2011, 5, 27-29.	0.8	4
79	Study of the inclusion complexes formed between cetirizine and β , γ , and α -cyclodextrin and evaluation on their taste-masking properties. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3177-3185.	3.3	32
80	Polar co-solvents in tertiary alcohols effect initial reaction rates and regio-isomeric ratio ranging from 1.2 to 2.2 in a lipase catalysed synthesis of 6-O- and 6-O ² -stearoyl sucrose. <i>Process Biochemistry</i> , 2011, 46, 931-935.	3.7	8
81	Direct Site-Directed Photocoupling of Proteins onto Surfaces Coated with β -Cyclodextrins. <i>Langmuir</i> , 2010, 26, 11597-11604.	3.5	11
82	Syntheses and characterisation of novel cyclodextrin vinyl derivatives from cyclodextrin-nitrophenol-derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 303-315.	1.6	6
83	β -sheet aggregation of kisspeptin-10 is stimulated by heparin but inhibited by amphiphiles. <i>Biopolymers</i> , 2010, 93, NA-NA.	2.4	8
84	Divorcing folding from function: How acylation affects the membrane-perturbing properties of an antimicrobial peptide. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 806-820.	2.3	21
85	Use of protein trans-splicing to produce active and segmentally ² H, ¹⁵ N labeled mannuronan C5-epimerase AlgE4. <i>Protein Science</i> , 2010, 19, 1534-1543.	7.6	14
86	The stress response protein Gls24 is induced by copper and interacts with the CopZ copper chaperone of <i>Enterococcus hirae</i> . <i>FEMS Microbiology Letters</i> , 2010, 302, 69-75.	1.8	10
87	Facile Synthesis of β -Cyclodextrin-Dextran Polymers by "Click" Chemistry. <i>Biomacromolecules</i> , 2010, 11, 1710-1715.	5.4	93
88	Plectasin, a Fungal Defensin, Targets the Bacterial Cell Wall Precursor Lipid II. <i>Science</i> , 2010, 328, 1168-1172.	12.6	478
89	Selectivity and stability of alkaline protease AL-89 in hydrophilic solvents. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 59, 266-273.	1.8	11
90	Quantitative Use of Paramagnetic Relaxation Enhancements for Determining Orientations and Insertion Depths of Peptides in Micelles. <i>ChemBioChem</i> , 2009, 10, 2339-2347.	2.6	28

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91	Interactions and influence of β -cyclodextrin on the aggregation and interfacial properties of mixtures of nonionic and zwitterionic surfactants. <i>Colloid and Polymer Science</i> , 2009, 287, 1243-1252.	2.1	18
92	Backbone and sidechain ^1H , ^{13}C and ^{15}N resonance assignments of the human brain-type fatty acid binding protein (FABP7) in its apo form and the holo forms binding to DHA, oleic acid, linoleic acid and elaidic acid. <i>Biomolecular NMR Assignments</i> , 2009, 3, 89-93.	0.8	8
93	Use of β -cyclodextrins to control the structure of water-soluble copolymers with hydrophobic parts. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6619-6629.	2.3	10
94	Analysis and purification of O-decanoyl sucrose regio-isomers by reversed phase high pressure liquid chromatography with evaporative light scattering detection. <i>Journal of Chromatography A</i> , 2009, 1216, 4963-4967.	3.7	8
95	Aqueous batch rebinding and selectivity studies on sucrose imprinted polymers. <i>Biosensors and Bioelectronics</i> , 2009, 25, 623-628.	10.1	15
96	Direct Determination of the Enantiomeric Purity or Enantiomeric Composition of Methylpropionates Using a Single Capacitive Microsensor. <i>Analytical Chemistry</i> , 2009, 81, 1969-1975.	6.5	7
97	Structural basis for cyclodextrins' suppression of human growth hormone aggregation. <i>Protein Science</i> , 2009, 11, 1779-1787.	7.6	77
98	p25 β is flexible but natively folded and binds tubulin with oligomeric stoichiometry. <i>Protein Science</i> , 2009, 14, 1396-1409.	7.6	40
99	Thionation of tetrakis[(ethoxycarbonyl)methoxy]tetrathiacalix[4]arenes with Lawesson's reagent. <i>Monatshefte für Chemie</i> , 2008, 139, 1103-1108.	1.8	3
100	The Effect of Cyclodextrins on Chemical and Physical Stability of Glucagon and Characterization of Glucagon/ β -CD Inclusion Complexes. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 2720-2729.	3.3	21
101	Opposite Signs of Capacitive Microsensor Signals upon Exposure to the Enantiomers of Methyl Propionate Compounds. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 913-916.	13.8	12
102	Structural and thermodynamic investigations of an unusual enantiomeric separation: Lipodex E and compound B. <i>Tetrahedron</i> , 2008, 64, 1257-1262.	1.9	7
103	Interactions of β -Cyclodextrin with the Mixed Micelles of Anionic Surfactants and Their Inclusion Complexes Formation. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 885-890.	2.4	5
104	Influence of β -Cyclodextrin on the Mixed Micellization Process of Sodium Dodecyl Sulfate and Sodium Lauroyl Sarcosine and Formation of Inclusion Complexes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 128-133.	2.4	6
105	Mixed Monolayer and Micelle Formation of Cationic and Zwitterionic Surfactant of Identical Hydrocarbon Tail in an Aqueous Medium: Interfacial Tension, Fluorescence Probe, Dynamic Light Scattering, and Viscosity Studies. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 327-334.	2.4	7
106	Interactions Between the Cationic Surfactants Bearing Different Polar Head Groups: Interfacial, Conductivity, NMR, and Fluorescence Studies. <i>Journal of Dispersion Science and Technology</i> , 2007, 28, 1262-1271.	2.4	7
107	Synthesis, Separation and Characterization of Thiacalix[4]arenes Diastereomers. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 183, 150-155.	1.6	2
108	The Major Allergen from Birch Tree Pollen, Bet v 1, Binds and Permeabilizes Membranes. <i>Biochemistry</i> , 2007, 46, 3356-3365.	2.5	62

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109	Modulation of cutinase stability and structure by phospholipid detergents. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 1544-1554.	2.3	14
110	Controlling the degree of esterification in lipase catalysed synthesis of xylitol fatty acid esters. <i>Enzyme and Microbial Technology</i> , 2007, 41, 346-352.	3.2	29
111	Real-time imaging of the spatial distribution of rf-heating in NMR samples during broadband decoupling. <i>Journal of Magnetic Resonance</i> , 2007, 187, 184-192.	2.1	7
112	Regioselective alkanoylation of cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 333-338.	1.6	4
113	Inclusion complexes of fusidic acid and three structurally related compounds with cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 185-190.	1.6	7
114	The Interaction of <i>Fusarium solani</i> pisi Cutinase with Long Chain Spin Label Esters. <i>Biochemistry</i> , 2006, 45, 9163-9171.	2.5	7
115	Versatile Interactions of the Antimicrobial Peptide Novispirin with Detergents and Lipids. <i>Biochemistry</i> , 2006, 45, 481-497.	2.5	40
116	CopY-like Copper Inducible Repressors are Putative α -Winged Helix TM Proteins. <i>BioMetals</i> , 2006, 19, 61-70.	4.1	51
117	Interactions between anionic mixed micelles and β -cyclodextrin and their inclusion complexes: conductivity, NMR and fluorescence study. <i>Colloid and Polymer Science</i> , 2006, 284, 916-926.	2.1	23
118	NMR Structure of the R-module. <i>Journal of Biological Chemistry</i> , 2006, 281, 7350-7356.	3.4	39
119	Phase solubility and structure of the inclusion complexes of prednisolone and β -methyl prednisolone with various cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 507-515.	3.3	31
120	NMR assignment of the R-module from the <i>Azotobacter vinelandii</i> Mannuronan C5-epimerase AlgE4. <i>Journal of Biomolecular NMR</i> , 2005, 31, 259-259.	2.8	9
121	Quantization of pH: Evidence for Acidic Activity of Triglyceride Lipases. <i>Biochemistry</i> , 2005, 44, 11574-11580.	2.5	19
122	Sorbitol prevents the self-aggregation of unfolded lysozyme leading to an up to 13 $^{\circ}$ C stabilisation of the folded form. <i>Journal of Biotechnology</i> , 2004, 114, 269-278.	3.8	63
123	Synthesis of sucrose laurate using a new alkaline protease. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 667-673.	1.8	53
124	Structural background of cyclodextrin-protein interactions. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 905-912.	2.1	151
125	The Major Birch Allergen, Bet v 1, Shows Affinity for a Broad Spectrum of Physiological Ligands. <i>Journal of Biological Chemistry</i> , 2002, 277, 23684-23692.	3.4	232
126	Efficient transesterification of sucrose catalysed by the metalloprotease thermolysin in dimethylsulfoxide. <i>FEBS Letters</i> , 2002, 519, 181-184.	2.8	38

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127	NMR diffusion as a novel tool for measuring the association constant between cyclodextrin and guest molecules. Carbohydrate Research, 2002, 337, 841-849.	2.3	86
128	Effect of fatty acid chain length on initial reaction rates and regioselectivity of lipase-catalysed esterification of disaccharides. Carbohydrate Research, 2002, 337, 1179-1184.	2.3	77
129	NMR Structure and Metal Interactions of the CopZ Copper Chaperone. Journal of Biological Chemistry, 1999, 274, 22597-22603.	3.4	116
130	Preparation of 1,10-Dimethyl-benzo[c]cinnolines by Photochemical Cyclodehydrogenation of Azobenzenes. Monatshefte für Chemie, 1998, 129, 1161-1168.	1.8	1
131	Darstellung von 1,10-Dimethyl-benzo[c]cinnolinen durch photochemische Cyclodehydrogenierung von Azobenzolen. Monatshefte für Chemie, 1998, 129, 1161.	1.8	3
132	Towards a molecular level understanding of protein stabilization: the interaction between lysozyme and sorbitol. Presented in part at the 13th European Experimental N.M.R. Conference, Paris, May 1994, 1996.1. Journal of Biotechnology, 1997, 55, 85-100.	3.8	78
133	BBReader: a computer program for the combined use of the BioMagResBank and PDB databases. Journal of Biomolecular NMR, 1997, 9, 101-104.	2.8	5
134	Internal Rotation of Mutually Interacting Methyl Groups: A13C NMR Study. Journal of Magnetic Resonance, 1997, 129, 1-9.	2.1	5
135	Molecular Hardware of Copper Homeostasis in Enterococcus hirae. , 0, , 527-542.		2