

# Sebastian Meier

## List of Publications by Year in descending order

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126  
papers

4,153  
citations

109264

35  
h-index

143943

57  
g-index

128  
all docs

128  
docs citations

128  
times ranked

5253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of slow correlated motions in proteins using residual dipolar and hydrogen-bond scalar couplings. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13885-13890.	3.3	220
2	Quantitative Description of Backbone Conformational Sampling of Unfolded Proteins at Amino Acid Resolution from NMR Residual Dipolar Couplings. Journal of the American Chemical Society, 2009, 131, 17908-17918.	6.6	187
3	Acetaldehyde as an Intermediate in the Electroreduction of Carbon Monoxide to Ethanol on Oxide-Derived Copper. Angewandte Chemie - International Edition, 2016, 55, 1450-1454.	7.2	166
4	Quantitative Determination of the Conformational Properties of Partially Folded and Intrinsically Disordered Proteins Using NMR Dipolar Couplings. Structure, 2009, 17, 1169-1185.	1.6	160
5	Foldon, The Natural Trimerization Domain of T4 Fibrin, Dissociates into a Monomeric A-state Form containing a Stable I <sup>2</sup> -Hairpin: Atomic Details of Trimer Dissociation and Local I <sup>2</sup> -Hairpin Stability from Residual Dipolar Couplings. Journal of Molecular Biology, 2004, 344, 1051-1069.	2.0	131
6	Evolution of complex structures: minicollagens shape the cnidarian nematocyst. Trends in Genetics, 2008, 24, 431-438.	2.9	117
7	A recycling pathway for cyanogenic glycosides evidenced by the comparative metabolic profiling in three cyanogenic plant species. Biochemical Journal, 2015, 469, 375-389.	1.7	109
8	Very Fast Folding and Association of a Trimerization Domain from Bacteriophage T4 Fibrin. Journal of Molecular Biology, 2004, 337, 905-915.	2.0	104
9	Conformational distributions of unfolded polypeptides from novel NMR techniques. Journal of Chemical Physics, 2008, 128, 052204.	1.2	88
10	Metabolic pathway visualization in living yeast by DNP-NMR. Molecular BioSystems, 2011, 7, 2834.	2.9	87
11	Mapping the Conformational Landscape of Urea-Denatured Ubiquitin Using Residual Dipolar Couplings. Journal of the American Chemical Society, 2007, 129, 9799-9807.	6.6	78
12	Tissue-specific Short Chain Fatty Acid Metabolism and Slow Metabolic Recovery after Ischemia from Hyperpolarized NMR in Vivo. Journal of Biological Chemistry, 2009, 284, 36077-36082.	1.6	76
13	Structural characterization of homogalacturonan by NMR spectroscopy—assignment of reference compounds. Carbohydrate Research, 2008, 343, 2830-2833.	1.1	75
14	Strategy for Nuclear-Magnetic-Resonance-Based Metabolomics of Human Feces. Analytical Chemistry, 2015, 87, 5930-5937.	3.2	69
15	Imaging of branched chain amino acid metabolism in tumors with hyperpolarized <sup>13</sup> C ketoisocaproate. International Journal of Cancer, 2010, 127, 729-736.	2.3	63
16	Real-time detection of central carbon metabolism in living <i>Escherichia coli</i> and its response to perturbations. FEBS Letters, 2011, 585, 3133-3138.	1.3	63
17	Charged acrylamide copolymer gels as media for weak alignment. Journal of Biomolecular NMR, 2002, 24, 351-356.	1.6	60
18	Development of Dissolution DNP-MR Substrates for Metabolic Research. Applied Magnetic Resonance, 2012, 43, 223-236.	0.6	60

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19	Study of molecular interactions with <sup>13</sup> C DNP-NMR. <i>Journal of Magnetic Resonance</i> , 2010, 203, 52-56.	1.2	59
20	Continuous Molecular Evolution of Protein-Domain Structures by Single Amino Acid Changes. <i>Current Biology</i> , 2007, 17, 173-178.	1.8	56
21	Tin-containing silicates: identification of a glycolytic pathway via 3-deoxyglucosone. <i>Green Chemistry</i> , 2016, 18, 3360-3369.	4.6	56
22	Direct Observation of Dipolar Couplings and Hydrogen Bonds across a <sup>12</sup> C-Hairpin in 8 M Urea. <i>Journal of the American Chemical Society</i> , 2007, 129, 754-755.	6.6	54
23	Oxidative Depolymerization of Kraft Lignin for Microbial Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11640-11652.	3.2	51
24	Hyperpolarized Amino Acids for In Vivo Assays of Transaminase Activity. <i>Chemistry - A European Journal</i> , 2009, 15, 10010-10012.	1.7	50
25	Discovery of fungal oligosaccharide-oxidising flavo-enzymes with previously unknown substrates, redox-activity profiles and interplay with LPMOs. <i>Nature Communications</i> , 2021, 12, 2132.	5.8	50
26	Chemodiversity of Ladder-Frame Pymnesin Polyethers in <i>Pymnesium parvum</i> . <i>Journal of Natural Products</i> , 2016, 79, 2250-2256.	1.5	47
27	Hyperpolarized NMR Probes for Biological Assays. <i>Sensors</i> , 2014, 14, 1576-1597.	2.1	46
28	Detection of low-populated reaction intermediates with hyperpolarized NMR. <i>Chemical Communications</i> , 2009, , 5168.	2.2	44
29	Synergistic amylomaltase and branching enzyme catalysis to suppress cassava starch digestibility. <i>Carbohydrate Polymers</i> , 2015, 132, 409-418.	5.1	44
30	Specific and Nonspecific Interactions in Ultraweak Protein-Protein Associations Revealed by Solvent Paramagnetic Relaxation Enhancements. <i>Journal of the American Chemical Society</i> , 2014, 136, 10277-10286.	6.6	41
31	NMR Insights into the Inner Workings of Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 119-132.	3.2	41
32	Acetaldehyde as an Intermediate in the Electroreduction of Carbon Monoxide to Ethanol on Oxide-Derived Copper. <i>Angewandte Chemie</i> , 2016, 128, 1472-1476.	1.6	39
33	Minicollagen-15, a Novel Minicollagen Isolated from Hydra, Forms Tubule Structures in Nematocysts. <i>Journal of Molecular Biology</i> , 2008, 376, 1008-1020.	2.0	38
34	Quantitative dynamic nuclear polarization-NMR on blood plasma for assays of drug metabolism. <i>NMR in Biomedicine</i> , 2011, 24, 96-103.	1.6	37
35	Unmixing the NMR spectra of similar species - vive la différence. <i>Chemical Communications</i> , 2013, 49, 10510.	2.2	37
36	High-Accuracy Residual <sup>1</sup> H- <sup>13</sup> C and <sup>1</sup> H- <sup>1</sup> H Dipolar Couplings in Perdeuterated Proteins. <i>Journal of the American Chemical Society</i> , 2003, 125, 44-45.	6.6	36

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37	Structural Analysis of B-Box 2 from MuRF1: Identification of a Novel Self-Association Pattern in a RING-like Fold. <i>Biochemistry</i> , 2008, 47, 10722-10730.	1.2	36
38	A biological cosmos of parallel universes: Does protein structural plasticity facilitate evolution?. <i>BioEssays</i> , 2007, 29, 1095-1104.	1.2	35
39	Combined Function of Brønsted and Lewis Acidity in the Zeolite-Catalyzed Isomerization of Glucose to Fructose in Alcohols. <i>ChemCatChem</i> , 2016, 8, 3107-3111.	1.8	35
40	Direct Observation of Metabolic Differences in Living <i>Escherichia Coli</i> Strains K12 and BL21. <i>ChemBioChem</i> , 2012, 13, 308-310.	1.3	34
41	Structure of branching enzyme- and amylopectin modified starch produced from well-defined amylose to amylopectin substrates. <i>Carbohydrate Polymers</i> , 2016, 152, 51-61.	5.1	34
42	Karmitoxin: An Amine-Containing Polyhydroxy-Polyene Toxin from the Marine Dinoflagellate <i>Karlodinium armiger</i> . <i>Journal of Natural Products</i> , 2017, 80, 1287-1293.	1.5	34
43	Fast and Accurate Quantitation of Glucans in Complex Mixtures by Optimized Heteronuclear NMR Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 8802-8808.	3.2	33
44	Functional and structural characterization of plastidic starch phosphorylase during barley endosperm development. <i>PLoS ONE</i> , 2017, 12, e0175488.	1.1	33
45	Kinetic analysis of hexose conversion to methyl lactate by Sn-Beta: effects of substrate masking and of water. <i>Catalysis Science and Technology</i> , 2018, 8, 2137-2145.	2.1	33
46	Shape-selective Valorization of Biomass-derived Glycolaldehyde using Tin-containing Zeolites. <i>ChemSusChem</i> , 2016, 9, 3054-3061.	3.6	31
47	Control of selectivity in hydrosilane-promoted heterogeneous palladium-catalysed reduction of furfural and aromatic carboxides. <i>Communications Chemistry</i> , 2018, 1, .	2.0	31
48	Solvent-Activated Hafnium-Containing Zeolites Enable Selective and Continuous Glucose-Fructose Isomerisation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20017-20023.	7.2	31
49	Ultrahigh-Resolution Backbone Structure of Perdeuterated Protein GB1 Using Residual Dipolar Couplings from Two Alignment Media. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8166-8169.	7.2	30
50	Detecting Beer Intake by Unique Metabolite Patterns. <i>Journal of Proteome Research</i> , 2016, 15, 4544-4556.	1.8	30
51	Synthesis of a novel polyester building block from pentoses by tin-containing silicates. <i>RSC Advances</i> , 2017, 7, 985-996.	1.7	29
52	Quantitative NMR Approach to Optimize the Formation of Chemical Building Blocks from Abundant Carbohydrates. <i>ChemSusChem</i> , 2017, 10, 2990-2996.	3.6	29
53	The Structure of the Cys-rich Terminal Domain of Hydra Minicollagen, Which Is Involved in Disulfide Networks of the Nematocyst Wall. <i>Journal of Biological Chemistry</i> , 2004, 279, 30395-30401.	1.6	28
54	Profiling of carbohydrate mixtures at unprecedented resolution using high-precision $^{13}\text{C}$ chemical shift measurements and a reference library. <i>Analyst</i> , 2014, 139, 401-406.	1.7	28

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55	Noble metal-free upgrading of multi-unsaturated biomass derivatives at room temperature: silyl species enable reactivity. <i>Green Chemistry</i> , 2018, 20, 5327-5335.	4.6	28
56	Sequence-Structure and Structure-Function Analysis in Cysteine-rich Domains Forming the Ultrastable Nematocyst Wall. <i>Journal of Molecular Biology</i> , 2007, 368, 718-728.	2.0	27
57	NMR characterization of chemically synthesized branched Î±-dextrin model compounds. <i>Carbohydrate Research</i> , 2015, 403, 149-156.	1.1	25
58	Oxidative Depolymerisation of Lignosulphonate Lignin into Low-Molecular-Weight Products with Cu-Mn/Î³-Al <sub>2</sub> O <sub>3</sub> . <i>Topics in Catalysis</i> , 2019, 62, 639-648.	1.3	25
59	Developing Inhibitors of the p47phox-p22phox Protein-Protein Interaction by Fragment-Based Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1156-1177.	2.9	25
60	Oxidative depolymerization of Kraft lignin to high-value aromatics using a homogeneous vanadium-copper catalyst. <i>Catalysis Science and Technology</i> , 2021, 11, 1843-1853.	2.1	24
61	High-Resolution Structure of the Histidine-Containing Phosphocarrier Protein (HPr) from <i>Staphylococcus aureus</i> and Characterization of Its Interaction with the Bifunctional HPr Kinase/Phosphorylase. <i>Journal of Bacteriology</i> , 2004, 186, 5906-5918.	1.0	22
62	<sup>1</sup> H NMR spectroscopy for profiling complex carbohydrate mixtures in non-fractionated beer. <i>Food Chemistry</i> , 2014, 150, 65-72.	4.2	21
63	Spectroscopic studies of the interactions between Î²-lactoglobulin and bovine submaxillary mucin. <i>Food Hydrocolloids</i> , 2015, 50, 203-210.	5.6	21
64	Mechanism and stereoselectivity of zeolite-catalysed sugar isomerisation in alcohols. <i>Chemical Communications</i> , 2016, 52, 12773-12776.	2.2	20
65	Real-Time DNP NMR Observations of Acetic Acid Uptake, Intracellular Acidification, and of Consequences for Glycolysis and Alcoholic Fermentation in Yeast. <i>Chemistry - A European Journal</i> , 2013, 19, 13288-13293.	1.7	19
66	Depolymerization of fucoidan with endo-fucoidanase changes bioactivity in processes relevant for bone regeneration. <i>Carbohydrate Polymers</i> , 2022, 286, 119286.	5.1	18
67	Facile and benign conversion of sucrose to fructose using zeolites with balanced Brønsted and Lewis acidity. <i>Catalysis Science and Technology</i> , 2017, 7, 2782-2788.	2.1	17
68	Effects of Alkali-Metal Ions and Counter Ions in Sn-Beta-Catalyzed Carbohydrate Conversion. <i>ChemSusChem</i> , 2018, 11, 1198-1203.	3.6	17
69	Metabolic Fate of <sup>13</sup> C-Labeled Polydextrose and Impact on the Gut Microbiome: A Triple-Phase Study in a Colon Simulator. <i>Journal of Proteome Research</i> , 2018, 17, 1041-1053.	1.8	17
70	NMR Spectroscopic Isotope Tracking Reveals Cascade Steps in Carbohydrate Conversion by Tin-Beta. <i>ChemCatChem</i> , 2018, 10, 1414-1419.	1.8	17
71	Selective Enzymatic Release and Gel Formation by Cross-Linking of Feruloylated Glucurono-Arabinosyl from Corn Bran. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8164-8174.	3.2	17
72	Time-Resolved in-Situ Observation of Starch Polysaccharide Degradation Pathways. <i>ChemBioChem</i> , 2013, 14, 2506-2511.	1.3	16

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73	Probing Interactions between $^{12}\text{C}$ -Glucan and Bile Salts at Atomic Detail by $^{13}\text{C}$ NMR Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11472-11478.	2.4	16
74	Determination of a high-precision NMR structure of the minicollagen cysteine rich domain from Hydra and characterization of its disulfide bond formation. <i>FEBS Letters</i> , 2004, 569, 112-116.	1.3	15
75	Development of brewing science in (and since) the late 19th century: Molecular profiles of 110-130 year old beers. <i>Food Chemistry</i> , 2015, 183, 227-234.	4.2	15
76	Mechanism and malleability of glucose dehydration to HMF: entry points and water-induced diversions. <i>Catalysis Science and Technology</i> , 2020, 10, 1724-1730.	2.1	15
77	The structure of the Alicyclobacillus $\alpha$ -amylase from <i>Alicyclobacillus</i> sp. reveals the accommodation of starch branching points in the $\alpha$ -amylase family. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 1-7.	1.1	15
78	Probing Helical Hydrophobic Binding Sites in Branched Starch Polysaccharides Using NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2013, 19, 16314-16320.	1.7	14
79	Simultaneous Determination of Binding Constants for Multiple Carbohydrate Hosts in Complex Mixtures. <i>Journal of the American Chemical Society</i> , 2014, 136, 11284-11287.	6.6	14
80	Ammonia borane enabled upgrading of biomass derivatives at room temperature. <i>Green Chemistry</i> , 2020, 22, 5972-5977.	4.6	14
81	Backbone resonance assignment of the 298 amino acid catalytic domain of protein tyrosine phosphatase 1B (PTP1B). <i>Journal of Biomolecular NMR</i> , 2002, 24, 165-166.	1.6	12
82	Monitoring pathways of $^{12}\text{C}$ -glucan degradation by enzyme mixtures in situ. <i>Carbohydrate Research</i> , 2013, 368, 47-51.	1.1	12
83	Modification of commercial Y zeolites by alkaline-treatment for improved performance in the isomerization of glucose to fructose. <i>Molecular Catalysis</i> , 2021, 510, 111686.	1.0	12
84	Sulfite Action in Glycolytic Inhibition: In Vivo Real-time Observation by Hyperpolarized $^{13}\text{C}$ NMR Spectroscopy. <i>ChemBioChem</i> , 2012, 13, 2265-2269.	1.3	11
85	Discovery and Exploration of the Efficient Acyclic Dehydration of Hexoses in Dimethyl Sulfoxide/Water. <i>ChemSusChem</i> , 2019, 12, 5086-5091.	3.6	11
86	The Endo- $\alpha$ (1,4) Specific Fucoindanase Fhf2 From <i>Formosa haliotis</i> Releases Highly Sulfated Fucoindan Oligosaccharides. <i>Frontiers in Plant Science</i> , 2022, 13, 823668.	1.7	11
87	Determination of native capsular polysaccharide structures of <i>Streptococcus pneumoniae</i> serotypes 39, 42, and 47F and comparison to genetically or serologically related strains. <i>Carbohydrate Research</i> , 2014, 395, 38-46.	1.1	10
88	Stoichiometric active site modification observed by alkali ion titrations of Sn-Beta. <i>Catalysis Science and Technology</i> , 2019, 9, 4339-4346.	2.1	10
89	Probing the Lewis Acid Catalyzed Acyclic Pathway of Carbohydrate Conversion in Methanol by <i>In Situ</i> NMR. <i>ChemCatChem</i> , 2019, 11, 5077-5084.	1.8	10
90	Catalytic cycle of carbohydrate dehydration by Lewis acids: structures and rates from synergism of conventional and DNP NMR. <i>Chemical Communications</i> , 2020, 56, 6245-6248.	2.2	10

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91	Antibody glycans wiggle and jiggle. <i>Nature Chemical Biology</i> , 2011, 7, 131-132.	3.9	9
92	Probing the structural details of xylan degradation by real-time NMR spectroscopy. <i>Carbohydrate Polymers</i> , 2014, 112, 587-594.	5.1	9
93	Detecting Elusive Intermediates in Carbohydrate Conversion: A Dynamic Ensemble of Acyclic Glucose-Catalyst Complexes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5571-5577.	3.2	9
94	Exploring the Synthesis of Mesoporous Stannosilicates as Catalysts for the Conversion of Mono- and Oligosaccharides into Methyl Lactate. <i>Topics in Catalysis</i> , 2019, 62, 628-638.	1.3	9
95	Enhanced <sup>13</sup> C NMR detects extended reaction networks in living cells. <i>Chemical Communications</i> , 2021, 57, 10572-10575.	2.2	9
96	Mechanistic Studies of Continuous Glucose Upgrading over Lewis Acidic Silicates by <i>Operando</i> UV-Vis and HSQC NMR. <i>ACS Catalysis</i> , 2021, 11, 1296-1308.	5.5	9
97	Insights into Ammonia Borane-Enabled Green Synthesis of <i>N</i> -Substituted Lactams from Biomass-Derived Keto Acids and Amines. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4377-4382.	3.2	9
98	The Endo- $\beta$ (1,3)-Fucoidanase Mef2 Releases Uniquely Branched Oligosaccharides from <i>Saccharina latissima</i> Fucoidans. <i>Marine Drugs</i> , 2022, 20, 305.	2.2	9
99	pH- and concentration-dependent supramolecular assembly of a fungal defensin plectasin variant into helical non-amyloid fibrils. <i>Nature Communications</i> , 2022, 13, .	5.8	9
100	Barley genotypic $\beta$ -glucan variation combined with enzymatic modifications direct its potential as a natural ingredient in a high fiber extract. <i>Journal of Cereal Science</i> , 2017, 75, 45-53.	1.8	8
101	Combined In-Cell NMR and Simulation Approach to Probe Redox-Dependent Pathway Control. <i>Analytical Chemistry</i> , 2019, 91, 5395-5402.	3.2	8
102	Response Factors Enable Rapid Quantitative 2D NMR Analysis in Catalytic Biomass Conversion to Renewable Chemicals. <i>Topics in Catalysis</i> , 2019, 62, 590-598.	1.3	8
103	Adiabatic Low-Pass Filters for Artifact Suppression in Heteronuclear NMR. <i>ChemPhysChem</i> , 2009, 10, 893-895.	1.0	7
104	Recent progress in heteronuclear long-range NMR of complex carbohydrates: 3D H2BC and clean HMBC. <i>Carbohydrate Research</i> , 2009, 344, 2274-2278.	1.1	7
105	NMR assignment of structural motifs in intact $\beta$ -limit dextrin and its $\beta$ -amylase degradation products in situ. <i>Carbohydrate Research</i> , 2012, 359, 76-80.	1.1	7
106	In-situ annotation of carbohydrate diversity, abundance, and degradability in highly complex mixtures using NMR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7763-7772.	1.9	7
107	Spectroscopic approaches to resolving ambiguities of hyper-polarized NMR signals from different reaction cascades. <i>Analyst</i> , 2016, 141, 823-826.	1.7	7
108	Uncharted Pathways for CrCl <sub>3</sub> Catalyzed Glucose Conversion in Aqueous Solution. <i>Topics in Catalysis</i> , 2019, 62, 669-677.	1.3	7



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109	Ru-Catalyzed Oxidative Cleavage of Guaiacyl Glycerol–Guaiacyl Ether—a Representative -O-4 Lignin Model Compound. <i>Catalysts</i> , 2019, 9, 832.	1.6	7
110	Kinetic variations in acid-catalyzed monosaccharide conversion. <i>Catalysis Communications</i> , 2020, 135, 105894.	1.6	7
111	Versatile Procedures for Reliable NMR Quantification of CO <sub>2</sub> Electroreduction Products. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11026-11032.	1.5	7
112	3D H <sub>2</sub> BC: A novel experiment for small-molecule and biomolecular NMR at natural isotopic abundance. <i>Journal of Magnetic Resonance</i> , 2009, 200, 340-343.	1.2	6
113	Hyperpolarised organic phosphates as NMR reporters of compartmental pH. <i>Chemical Communications</i> , 2016, 52, 2288-2291.	2.2	6
114	Solvent-Activated Hafnium-Containing Zeolites Enable Selective and Continuous Glucose–Fructose Isomerisation. <i>Angewandte Chemie</i> , 2020, 132, 20192-20198.	1.6	6
115	Structural determination of <i>Streptococcus pneumoniae</i> repeat units in serotype 41A and 41F capsular polysaccharides to probe gene functions in the corresponding capsular biosynthetic loci. <i>Carbohydrate Research</i> , 2014, 400, 26-32.	1.1	5
116	Supramolecular chemical shift reagents inducing conformational transitions: NMR analysis of carbohydrate homooligomer mixtures. <i>Chemical Communications</i> , 2015, 51, 3073-3076.	2.2	5
117	<sup>13</sup> C NMR-Based Profiling of Biotechnological Starch Utilization. <i>Analytical Chemistry</i> , 2016, 88, 9685-9690.	3.2	5
118	Shape-selective Valorization of Biomass-derived Glycolaldehyde using Tin-containing Zeolites. <i>ChemSusChem</i> , 2016, 9, 3022-3022.	3.6	5
119	Pancreatic $\beta$ -cells respond to fuel pressure with an early metabolic switch. <i>Scientific Reports</i> , 2020, 10, 15413.	1.6	5
120	Heterogeneous Base-Catalyzed Conversion of Glycolaldehyde to Aldotetroses: Mechanistic and Kinetic Insight. <i>ChemCatChem</i> , 2021, 13, 5141-5147.	1.8	5
121	Visualization of Pathway Usage in an Extended Carbohydrate Conversion Network Reveals the Impact of Solvent-Enabled Proton Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12270-12276.	3.2	4
122	Reactivity of Polysilazanes Allows Catalyst-Free Curing of Silicones. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	1.7	4
123	Nuclear magnetic resonance as a quantitative tool to study interactions in biomacromolecules. <i>Pure and Applied Chemistry</i> , 2005, 77, 1409-1424.	0.9	3
124	Phosphocholine-Decorated PPI-Dendrimers Mimic Cell Membrane Phosphocholine Clusters and Tune the Innate Immune Activity of C-Reactive Protein. <i>Biomacromolecules</i> , 2021, 22, 1664-1674.	2.6	2
125	Sensitive NMR method for detecting carbohydrate influx into competing chemocatalytic pathways. <i>Analyst</i> , The, 2020, 145, 4427-4431.	1.7	0
126	Chemodiversity of the ladder-frame prymnesin polyethers of the fish-killing microalgal <i>Prymnesium parvum</i> . <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0