

Peter Bellstedt

List of Publications by Year in descending order

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36
papers

872
citations

471509

17
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	CAPITO—a web server-based analysis and plotting tool for circular dichroism data. <i>Bioinformatics</i> , 2013, 29, 1750-1757.	4.1	211
2	Calpain-mediated ataxin-3 cleavage in the molecular pathogenesis of spinocerebellar ataxia type 3 (SCA3). <i>Human Molecular Genetics</i> , 2013, 22, 508-518.	2.9	70
3	Fluorinated Boronic Acid-Appended Pyridinium Salts and ¹⁹ F NMR Spectroscopy for Diol Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 11413-11420.	13.7	61
4	Halogen-bond-based cooperative ion-pair recognition by a crown-ether-embedded 5-iodo-1,2,3-triazole. <i>Chemical Communications</i> , 2017, 53, 2260-2263.	4.1	42
5	Preorganization in a Cleft-Type Anion Receptor Featuring Iodo-1,2,3-Triazoles As Halogen Bond Donors. <i>Organic Letters</i> , 2015, 17, 5740-5743.	4.6	41
6	The N-terminus of the human RecQL4 helicase is a homeodomain-like DNA interaction motif. <i>Nucleic Acids Research</i> , 2012, 40, 8309-8324.	14.5	35
7	Solid state NMR of proteins at high MAS frequencies: symmetry-based mixing and simultaneous acquisition of chemical shift correlation spectra. <i>Journal of Biomolecular NMR</i> , 2012, 54, 325-335.	2.8	29
8	Glycopolymer-Functionalized Cryogels as Catch and Release Devices for the Pre-Enrichment of Pathogens. <i>ACS Macro Letters</i> , 2016, 5, 326-331.	4.8	29
9	Structural insights into heme binding to IL-36—a proinflammatory cytokine. <i>Scientific Reports</i> , 2019, 9, 16893.	3.3	29
10	Resonance assignment for a particularly challenging protein based on systematic unlabeled amino acids to complement incomplete NMR data sets. <i>Journal of Biomolecular NMR</i> , 2013, 57, 65-72.	2.8	23
11	Core cross-linked nanogels based on the self-assembly of double hydrophilic poly(2-oxazoline) block copolymers. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1748-1759.	5.8	22
12	Amphiphilic and double hydrophilic block copolymers containing a polydehydroalanine block. <i>Polymer Chemistry</i> , 2017, 8, 936-945.	3.9	22
13	Enhancing the Biocompatibility and Biodegradability of Linear Poly(ethylene imine) through Controlled Oxidation. <i>Macromolecules</i> , 2015, 48, 7420-7427.	4.8	21
14	Tuneable Time Delay in the Burst Release from Oxidation-Sensitive Polymersomes Made by PISA. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24716-24723.	13.8	21
15	¹⁵ N photo-CIDNP MAS NMR analysis of reaction centers of <i>Chloracidobacterium thermophilum</i> . <i>Photosynthesis Research</i> , 2018, 137, 295-305.	2.9	20
16	Solvent Removal Induces a Reversible β -to- α Switch in Oligomeric A β Peptide. <i>Journal of Molecular Biology</i> , 2016, 428, 268-273.	4.2	19
17	Heme interaction of the intrinsically disordered N-terminal peptide segment of human cystathionine- β -synthase. <i>Scientific Reports</i> , 2018, 8, 2474.	3.3	19
18	Sequential protein NMR assignments in the liquid state via sequential data acquisition. <i>Journal of Magnetic Resonance</i> , 2014, 239, 23-28.	2.1	18

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19	Dual-Functional Hydrazide-Reactive and Anhydride-Containing Oligomeric Hydrogel Building Blocks. <i>Biomacromolecules</i> , 2017, 18, 683-694.	5.4	17
20	Isolation and Identification of Intermediates of the Oxidative Bilirubin Degradation. <i>Organic Letters</i> , 2016, 18, 4432-4435.	4.6	16
21	Bioactive Compounds and Antioxidant Capacity of <i>Rosa rugosa</i> Depending on Degree of Ripeness. <i>Antioxidants</i> , 2018, 7, 134.	5.1	16
22	Sequential acquisition of multi-dimensional heteronuclear chemical shift correlation spectra with ¹ H detection. <i>Scientific Reports</i> , 2014, 4, 4490.	3.3	14
23	Core-crosslinked diblock terpolymer micelles – taking a closer look on crosslinking efficiency. <i>Polymer Chemistry</i> , 2018, 9, 2247-2257.	3.9	11
24	Poly(3-ethylglycolide): a well-defined polyester matching the hydrophilic hydrophobic balance of PLA. <i>Polymer Chemistry</i> , 2019, 10, 5440-5451.	3.9	11
25	Caspofungin Functionalized Polymethacrylates with Antifungal Properties. <i>Biomacromolecules</i> , 2020, 21, 2104-2115.	5.4	11
26	Synthesis and modification of poly(ethyl 2-(imidazol-1-yl)acrylate) (PEImA). <i>Polymer</i> , 2017, 127, 182-191.	3.8	8
27	Facile and Reliable Emission-Based Nanomolar Anion Sensing by Luminescent Iridium Receptors Featuring Chelating Halogen-Bonding Sites. <i>Chemistry - A European Journal</i> , 2020, 26, 14679-14687.	3.3	8
28	MAS solid state NMR of proteins: simultaneous ¹⁵ N- ¹³ Cα and ¹⁵ N- ¹³ Cβ dipolar recoupling via low-power symmetry-based RF pulse schemes. <i>Journal of Biomolecular NMR</i> , 2015, 62, 7-15.	2.8	6
29	An approach to sequential NMR assignments of proteins: application to chemical shift restraint-based structure prediction. <i>Journal of Biomolecular NMR</i> , 2014, 59, 211-217.	2.8	5
30	Cationic ring-opening polymerization of protected oxazolidine imines resulting in gradient copolymers of poly(2-oxazoline) and poly(urea). <i>Polymer Chemistry</i> , 2016, 7, 4924-4936.	3.9	5
31	NMR experiments on the transient interaction of the intrinsically disordered N-terminal peptide of cystathionine-β ₂ -synthase with heme. <i>Journal of Magnetic Resonance</i> , 2019, 308, 106561.	2.1	4
32	A Set of Efficient nD NMR Protocols for Resonance Assignments of Intrinsically Disordered Proteins. <i>ChemPhysChem</i> , 2016, 17, 1961-1968.	2.1	3
33	Stepwise characterization of non-synonymous mutations in the HSV-1 thymidine kinase gene by different functional assays. <i>Journal of Virological Methods</i> , 2017, 247, 51-57.	2.1	2
34	¹ H, ¹³ C, and ¹⁵ N resonance assignments of the cytokine interleukin-36 ^β isoform-2. <i>Biomolecular NMR Assignments</i> , 2019, 13, 155-161.	0.8	2
35	NMR of intrinsically disordered proteins: A note on the application of ¹⁵ N- ¹³ C het-TOCSY mixing for ¹³ C magnetisation transfers. <i>Journal of Magnetic Resonance</i> , 2022, 337, 107166.	2.1	1
36	Tuneable time delay in the burst release from oxidation sensitive polymersomes made by PISA. <i>Angewandte Chemie</i> , 0, , .	2.0	0