Ronald N Zuckermann

List of Publications by Year
in descending order

170 papers	15,107 citations	21215 62 h-index	21843 118 g-index
177 all docs	177 docs citations	177 times ranked	10739 citing authors

#	Article	IF	Citations
1	Compact Peptoid Molecular Brushes for Nanoparticle Stabilization. Journal of the American Chemical Society, 2022, 144, 8138-8152.	6.6	11
2	Importance of the Positively Charged Ïƒ-Hole in Crystal Engineering of Halogenated Polypeptoids. Journal of Physical Chemistry B, 2022, 126, 4152-4159.	1.2	9
3	Hierarchical Approach for Controlled Assembly of Branched Nanostructures from One Polymer Compound by Engineering Crystalline Domains. ACS Nano, 2022, 16, 10470-10481.	7.3	5
4	Effect of hydration on morphology of thin phosphonate block copolymer electrolyte membranes studied by electron tomography. Polymer Engineering and Science, 2021, 61, 1104-1115.	1.5	0
5	Submonomer synthesis of sequence defined peptoids with diverse side-chains. Methods in Enzymology, 2021, 656, 241-270.	0.4	15
6	Crystallization and self-assembly of shape-complementary sequence-defined peptoids. Polymer Chemistry, 2021, 12, 4770-4777.	1.9	7
7	Minimizing Crinkling of Soft Specimens Using Holey Gold Films on Molybdenum Grids for Cryogenic Electron Microscopy. Microscopy and Microanalysis, 2021, 27, 767-775.	0.2	5
8	Using cryo-TEM to study the effect of side-chain chemistry on the crystal motifs in polypeptoid nanosheets. Microscopy and Microanalysis, 2021, 27, 2894-2895.	0.2	1
9	Holey-Gold Films on Molybdenum Grids for Cryogenic Electron Microscopy Imaging of 2D Polymer Crystals. Microscopy and Microanalysis, 2021, 27, 2896-2898.	0.2	0
10	Lipid-anchor display on peptoid nanosheets via co-assembly for multivalent pathogen recognition. Soft Matter, 2020, 16, 907-913.	1.2	11
11	Discovery of Stable and Selective Antibody Mimetics from Combinatorial Libraries of Polyvalent, Loop-Functionalized Peptoid Nanosheets. ACS Nano, 2020, 14, 185-195.	7.3	38
12	Hierarchical supramolecular assembly of a single peptoid polymer into a planar nanobrush with two distinct molecular packing motifs. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31639-31647.	3.3	38
13	Diblock copolypeptoids: a review of phase separation, crystallization, self-assembly and biological applications. Journal of Materials Chemistry B, 2020, 8, 5380-5394.	2.9	20
14	Mass spectrometry studies of the fragmentation patterns and mechanisms of protonated peptoids. Biopolymers, 2020, 111, e23358.	1.2	2
15	DNA origami protection and molecular interfacing through engineered sequence-defined peptoids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6339-6348.	3.3	99
16	Engineering the atomic structure of sequence-defined peptoid polymers and their assemblies. Polymer, 2020, 202, 122691.	1.8	20
17	Skeletides: A Modular, Simplified Physical Model of Protein Secondary Structure. 3D Printing and Additive Manufacturing, 2020, 7, 60-69.	1.4	0
18	Peptide-Assisted Design of Peptoid Sequences: One Small Step in Structure and Distinct Leaps in Functions. ACS Macro Letters, 2020, 9, 233-237.	2.3	9

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19	Thermodynamic and Kinetic Parameters for Calcite Nucleation on Peptoid and Model Scaffolds: A Step toward Nacre Mimicry. Crystal Growth and Design, 2020, 20, 3762-3771.	1.4	7
20	Molecular folding science. Biopolymers, 2019, 110, e23314.	1.2	3
21	Uniform, Large-Area, Highly Ordered Peptoid Monolayer and Bilayer Films for Sensing Applications. Langmuir, 2019, 35, 13671-13680.	1.6	20
22	Structure-dependent Conducting Properties of Phosphonated Polypeptoid Electrolyte Membranes Revealed by Cryogenic Electron Tomography. Microscopy and Microanalysis, 2019, 25, 1822-1823.	0.2	0
23	Enhanced detection of prion infectivity from blood by preanalytical enrichment with peptoid-conjugated beads. PLoS ONE, 2019, 14, e0216013.	1.1	2
24	Self-assembling peptides cross-linked with genipin: resilient hydrogels and self-standing electrospun scaffolds for tissue engineering applications. Biomaterials Science, 2019, 7, 76-91.	2.6	49
25	Effect of processing and end groups on the crystal structure of polypeptoids studied by cryogenic electron microscopy at atomic length scales. Soft Matter, 2019, 15, 4723-4736.	1.2	18
26	Stereochemistry of polypeptoid chain configurations. Biopolymers, 2019, 110, e23266.	1.2	26
27	Unconstrained peptoid tetramer exhibits a predominant conformation in aqueous solution. Biopolymers, 2019, 110, e23267.	1.2	5
28	Phosphoramitoidsâ€"A submonomer approach to sequence defined <i>N</i>â€substituted phosphoramidate polymers. Biopolymers, 2019, 110, e23268.	1.2	1
29	Electrostatic Assemblies of Single-Walled Carbon Nanotubes and Sequence-Tunable Peptoid Polymers Detect a Lectin Protein and Its Target Sugars. Nano Letters, 2019, 19, 7563-7572.	4.5	44
30	Aqueous dynamic covalent assembly of molecular ladders and grids bearing boronate ester rungs. Polymer Chemistry, 2019, 10, 2337-2343.	1.9	13
31	Linking two worlds in polymer chemistry: The influence of block uniformity and dispersity in amphiphilic block copolypeptoids on their selfâ€assembly. Biopolymers, 2019, 110, e23259.	1.2	14
32	Atomic-level engineering and imaging of polypeptoid crystal lattices. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22491-22499.	3.3	48
33	Backbone Cleavages of Protonated Peptoids upon Collision-Induced Dissociation: Competitive and Consecutive B-Y and A₁-Y_X Reactions. Journal of the American Society for Mass Spectrometry, 2019, 30, 2726-2740.	1.2	3
34	Cooperative Intramolecular Hydrogen Bonding Strongly Enforces <i>cis</i>-Peptoid Folding. Journal of the American Chemical Society, 2019, 141, 19436-19447.	6.6	46
35	Resolving the Morphology of Peptoid Vesicles at the 1 nm Length Scale Using Cryogenic Electron Microscopy. Journal of Physical Chemistry B, 2019, 123, 1195-1205.	1.2	15
36	Glycosylated Peptoid Nanosheets as a Multivalent Scaffold for Protein Recognition. ACS Nano, 2018, 12, 2455-2465.	7.3	69

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37	Impact of Helical Chain Shape in Sequence-Defined Polymers on Polypeptoid Block Copolymer Self-Assembly. Macromolecules, 2018, 51, 2089-2098.	2.2	42
38	Evidence for <i>cis</i> Amide Bonds in Peptoid Nanosheets. Journal of Physical Chemistry Letters, 2018, 9, 2574-2578.	2.1	27
39	Universal Relationship between Molecular Structure and Crystal Structure in Peptoid Polymers and Prevalence of the <i>cis</i> Backbone Conformation. Journal of the American Chemical Society, 2018, 140, 827-833.	6.6	52
40	Cross-linked self-assembling peptide scaffolds. Nano Research, 2018, 11, 586-602.	5.8	42
41	A bio-inspired approach to ligand design: folding single-chain peptoids to chelate a multimetallic cluster. Chemical Science, 2018, 9, 8806-8813.	3.7	18
42	Liquid-Crystalline Phase Behavior in Polypeptoid Diblock Copolymers. Macromolecules, 2018, 51, 9519-9525.	2.2	27
43	Imaging Unstained Synthetic Polymer Crystals and Defects on Atomic Length Scales Using Cryogenic Electron Microscopy. Macromolecules, 2018, 51, 7794-7799.	2.2	36
44	Conformations of peptoids in nanosheets result from the interplay of backbone energetics and intermolecular interactions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5647-5651.	3.3	43
45	Peptoids and polypeptoids: biomimetic and bioinspired materials for biomedical applications. Polymer Bulletin, 2017, 74, 3455-3466.	1.7	24
46	Oxygen K Edge Scattering from Bulk Comb Diblock Copolymer Reveals Extended, Ordered Backbones above Lamellar Orderâ€“Disorder Transition. Journal of Physical Chemistry B, 2017, 121, 298-305.	1.2	13
47	Morphology-Driven Control of Metabolite Selectivity Using Nanostructure-Initiator Mass Spectrometry. Analytical Chemistry, 2017, 89, 6521-6526.	3.2	18
48	Role of Backbone Chemistry and Monomer Sequence in Amphiphilic Oligopeptide- and Oligopeptoid-Functionalized PDMS- and PEO-Based Block Copolymers for Marine Antifouling and Fouling Release Coatings. Macromolecules, 2017, 50, 2656-2667.	2.2	66
49	Foldamer hypothesis for the growth and sequence differentiation of prebiotic polymers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7460-E7468.	3.3	44
50	Sequence-Dependent Self-Assembly and Structural Diversity of Islet Amyloid Polypeptide-Derived Î²-Sheet Fibrils. ACS Nano, 2017, 11, 8579-8589.	7.3	48
51	Accurate Cryo-EM Characterizations of Polypeptoid Vesicles. Microscopy and Microanalysis, 2017, 23, 836-837.	0.2	1
52	TEM Investigations of Peptoid Structures. Microscopy and Microanalysis, 2017, 23, 1778-1779.	0.2	0
53	Using Biomimetic Polymers in Place of Noncollagenous Proteins to Achieve Functional Remineralization of Dentin Tissues. ACS Biomaterials Science and Engineering, 2017, 3, 3469-3479.	2.6	30
54	Ethyl({[acryloyl(furan-2-ylmethyl)amino]acetyl}amino)acetate. MolBank, 2017, 2017, M925.	0.2	0

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55	Morphology Study of Phosphonated Peptoid Block Copolymer. Microscopy and Microanalysis, 2016, 22, 1926-1927.	0.2	2
56	Onâ€resin <i>N</i>â€terminal peptoid degradation: Toward mild sequencing conditions. Biopolymers, 2016, 106, 726-736.	1.2	12
57	Morphology and Proton Transport in Humidified Phosphonated Peptoid Block Copolymers. Macromolecules, 2016, 49, 3083-3090.	2.2	36
58	Surface-Directed Assembly of Sequence-Defined Synthetic Polymers into Networks of Hexagonally Patterned Nanoribbons with Controlled Functionalities. ACS Nano, 2016, 10, 5314-5320.	7.3	57
59	Molecular Engineering of the Peptoid Nanosheet Hydrophobic Core. Langmuir, 2016, 32, 11946-11957.	1.6	32
60	Structureâ€"Rheology Relationship in Nanosheet-Forming Peptoid Monolayers. Langmuir, 2016, 32, 12146-12158.	1.6	20
61	Self-assembly of crystalline nanotubes from monodisperse amphiphilic diblock copolypeptoid tiles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3954-3959.	3.3	114
62	Improved chemical and mechanical stability of peptoid nanosheets by photo-crosslinking the hydrophobic core. Chemical Communications, 2016, 52, 4753-4756.	2.2	18
63	Application of Black Silicon for Nanostructure-Initiator Mass Spectrometry. Analytical Chemistry, 2016, 88, 1625-1630.	3.2	29
64	Design, Synthesis, Assembly, and Engineering of Peptoid Nanosheets. Accounts of Chemical Research, 2016, 49, 379-389.	7.6	151
65	Implicit-Solvent Coarse-Grained Simulation with a Fluctuating Interface Reveals a Molecular Mechanism for Peptoid Monolayer Buckling. Journal of Chemical Theory and Computation, 2016, 12, 345-352.	2.3	10
66	Peptoid nanosheets as soluble, two-dimensional templates for calcium carbonate mineralization. Chemical Communications, 2015, 51, 10218-10221.	2.2	33
67	Modeling Sequence-Specific Polymers Using Anisotropic Coarse-Grained Sites Allows Quantitative Comparison with Experiment. Journal of Chemical Theory and Computation, 2015, 11, 303-315.	2.3	22
68	The Organic Flatlandâ€"Recent Advances in Synthetic 2D Organic Layers. Advanced Materials, 2015, 27, 5762-5770.	11.1	162
69	Sequence Programmable Peptoid Polymers for Diverse Materials Applications. Advanced Materials, 2015, 27, 5665-5691.	11.1	199
70	Structure-Activity Relationship Study of Novel Peptoids That Mimic the Structure of Antimicrobial Peptides. Antimicrobial Agents and Chemotherapy, 2015, 59, 4112-4120.	1.4	110
71	Accelerated Submonomer Solid-Phase Synthesis of Peptoids Incorporating Multiple Substituted N-Aryl Glycine Monomers. Journal of Organic Chemistry, 2015, 80, 10490-10497.	1.7	34
72	Peptoid nanosheets exhibit a new secondary-structure motif. Nature, 2015, 526, 415-420.	13.7	165

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73	Nanometer-scale siRNA carriers incorporating peptidomimetic oligomers: physical characterization and biological activity. International Journal of Nanomedicine, 2014, 9, 2271.	3.3	16
74	Assembly and molecular order of two-dimensional peptoid nanosheets through the oilâ€"water interface. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13284-13289.	3.3	88
75	Structure-Determining Step in the Hierarchical Assembly of Peptoid Nanosheets. ACS Nano, 2014, 8, 11674-11684.	7.3	47
76	Development and use of an atomistic CHARMM-based forcefield for peptoid simulation. Journal of Computational Chemistry, 2014, 35, 360-370.	1.5	67
77	Crystallization in Sequence-Defined Peptoid Diblock Copolymers Induced by Microphase Separation. Journal of the American Chemical Society, 2014, 136, 2070-2077.	6.6	70
78	Morphology-Conductivity Relationship in Crystalline and Amorphous Sequence-Defined Peptoid Block Copolymer Electrolytes. Journal of the American Chemical Society, 2014, 136, 14990-14997.	6.6	61
79	Precision Sequence Control in Bioinspired Peptoid Polymers. ACS Symposium Series, 2014, , 35-53.	0.5	1
80	Sequence of Hydrophobic and Hydrophilic Residues in Amphiphilic Polymer Coatings Affects Surface Structure and Marine Antifouling/Fouling Release Properties. ACS Macro Letters, 2014, 3, 364-368.	2.3	96
81	Tuning calcite morphology and growth acceleration by a rational design of highly stable protein-mimetics. Scientific Reports, 2014, 4, 6266.	1.6	65
82	Polypeptoids: a model system to study the effect of monomer sequence on polymer properties and self-assembly. Soft Matter, 2013, 9, 8400.	1.2	126
83	Nanoscale Phase Separation in Sequence-Defined Peptoid Diblock Copolymers. Journal of the American Chemical Society, 2013, 135, 14119-14124.	6.6	48
84	Antibody-Mimetic Peptoid Nanosheets for Molecular Recognition. ACS Nano, 2013, 7, 9276-9286.	7.3	108
85	Synthesis and characterization of designed BMHP1-derived self-assembling peptides for tissue engineering applications. Nanoscale, 2013, 5, 704-718.	2.8	42
86	Persistence length of polyelectrolytes with precisely located charges. Soft Matter, 2013, 9, 90-98.	1.2	50
87	Peptoid Polymers: A Highly Designable Bioinspired Material. ACS Nano, 2013, 7, 4715-4732.	7.3	369
88	Coarse-grained, foldable, physical model of the polypeptide chain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13368-13373.	3.3	27
89	Tunable Surface Properties from Sequence-Specific Polypeptoidâ€"Polystyrene Block Copolymer Thin Films. Macromolecules, 2012, 45, 7072-7082.	2.2	42
90	De novo structure prediction and experimental characterization of folded peptoid oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14320-14325.	3.3	88

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91	Impact of Hydrophobic Sequence Patterning on the Coil-to-Globule Transition of Protein-like Polymers. Macromolecules, 2012, 45, 5229-5236.	2.2	77
92	Tunable Phase Behavior of Polystyreneâ€“Polypeptoid Block Copolymers. Macromolecules, 2012, 45, 6027-6035.	2.2	48
93	Shaken, Not Stirred: Collapsing a Peptoid Monolayer to Produce Free-Floating, Stable Nanosheets. Biophysical Journal, 2012, 102, 269a.	0.2	1
94	Determination of the persistence length of helical and non-helical polypeptoids in solution. Soft Matter, 2012, 8, 3673.	1.2	83
95	Structureâ€“Conductivity Relationship for Peptoid-Based PEOâ€“Mimetic Polymer Electrolytes. Macromolecules, 2012, 45, 5151-5156.	2.2	137
96	BMHP1-Derived Self-Assembling Peptides: Hierarchically Assembled Structures with Self-Healing Propensity and Potential for Tissue Engineering Applications. ACS Nano, 2011, 5, 1845-1859.	7.3	90
97	Protein Side-Chain Translocation Mutagenesis <i>via</i> Incorporation of Peptoid Residues. ACS Chemical Biology, 2011, 6, 1367-1374.	1.6	35
98	Engineered Biomimetic Polymers as Tunable Agents for Controlling CaCO₃ Mineralization. Journal of the American Chemical Society, 2011, 133, 5214-5217.	6.6	103
99	Shaken, Not Stirred: Collapsing a Peptoid Monolayer To Produce Free-Floating, Stable Nanosheets. Journal of the American Chemical Society, 2011, 133, 20808-20815.	6.6	132
100	A Universal Method for Detection of Amyloidogenic Misfolded Proteins. Biochemistry, 2011, 50, 4322-4329.	1.2	34
101	Protein Mimetic Materials from the Self Assembly of Bioinspired Polymers at the Air Water Interface. Biophysical Journal, 2011, 100, 212a.	0.2	0
102	Artificial Polymers Mimic Bacteriophage Capsid Proteins To Protect and Functionalize Nucleic Acid Structures. ACS Symposium Series, 2011, , 39-52.	0.5	0
103	Peptoid origins. Biopolymers, 2011, 96, 545-555.	1.2	178
104	Stabilization of nanoparticles under biological assembly conditions using peptoids. Biopolymers, 2011, 96, 669-678.	1.2	18
105	Folding of a singleâ€chain, informationâ€rich polypeptoid sequence into a highly ordered nanosheet. Biopolymers, 2011, 96, 586-595.	1.2	89
106	Solid-phase Submonomer Synthesis of Peptoid Polymers and their Self-Assembly into Highly-Ordered Nanosheets. Journal of Visualized Experiments, 2011, , e3373.	0.2	29
107	Gold Nanoparticle Self-Similar Chain Structure Organized by DNA Origami. Journal of the American Chemical Society, 2010, 132, 3248-3249.	6.6	502
108	Free-floating ultrathin two-dimensional crystals from sequence-specific peptoid polymers. Nature Materials, 2010, 9, 454-460.	13.3	384

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109	Novel Peptoid Building Blocks: Synthesis of Functionalized Aromatic Helix-Inducing Submonomers. Organic Letters, 2010, 12, 492-495.	2.4	48
110	Control of Crystallization and Melting Behavior in Sequence Specific Polypeptoids. Macromolecules, 2010, 43, 5627-5636.	2.2	97
111	Rapid Multistep Synthesis of a Bioactive Peptidomimetic Oligomer for the Undergraduate Laboratory. Journal of Chemical Education, 2010, 87, 637-639.	1.1	12
112	Hierarchical Self-Assembly of a Biomimetic Diblock Copolypeptoid into Homochiral Superhelices. Journal of the American Chemical Society, 2010, 132, 16112-16119.	6.6	142
113	Templated display of biomolecules and inorganic nanoparticles by metal ion-induced peptide nanofibers. Chemical Communications, 2010, 46, 1634.	2.2	10
114	Aî^{2}40 Oligomers Identified as a Potential Biomarker for the Diagnosis of Alzheimer's Disease. PLoS ONE, 2010, 5, e15725.	1.1	96
115	Close mimicry of lung surfactant protein B by â€œclickedâ€•dimers of helical, cationic peptoids. Biopolymers, 2009, 92, 538-553.	1.2	26
116	High-Throughput Sequencing of Peptoids and Peptideâˆ'Peptoid Hybrids by Partial Edman Degradation and Mass Spectrometry. ACS Combinatorial Science, 2009, 11, 294-302.	3.3	63
117	DNA directed assembly of nanoparticle linear structure for nanophotonics. Journal of Vacuum Science & Technology B, 2009, 27, 184.	1.3	6
118	Peptoids as potential therapeutics. Current Opinion in Molecular Therapeutics, 2009, 11, 299-307.	2.8	104
119	Biomimetic Nanostructures: Creating a High-Affinity Zinc-Binding Site in a Folded Nonbiological Polymer. Journal of the American Chemical Society, 2008, 130, 8847-8855.	6.6	153
120	Intranasal administration delivers peptoids to the rat central nervous system. Neuroscience Letters, 2008, 439, 30-33.	1.0	38
121	Peptoids that mimic the structure, function, and mechanism of helical antimicrobial peptides. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2794-2799.	3.3	558
122	<i>In vitro</i> self-assembly of tailorable nanotubes from a simple protein building block. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3733-3738.	3.3	266
123	Cleavable Hydrophilic Linker for One-Bead-One-Compound Sequencing of Oligomer Libraries by Tandem Mass Spectrometry. ACS Combinatorial Science, 2006, 8, 417-426.	3.3	85
124	A peptidomimetic siRNA transfection reagent for highly effective gene silencing. Molecular BioSystems, 2006, 2, 312.	2.9	58
125	A Threaded Loop Conformation Adopted by a Family of Peptoid Nonamers. Journal of the American Chemical Society, 2006, 128, 1733-1738.	6.6	124
126	Versatile Oligo(N-Substituted) Glycines: The Many Roles of Peptoids in Drug Discovery. , 2005, , 1-31.		29

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127	Folding a Nonbiological Polymer into a Compact Multihelical Structure. Journal of the American Chemical Society, 2005, 127, 10999-11009.	6.6	135
128	Incorporation of Chemoselective Functionalities into Peptoids via Solid-Phase Submonomer Synthesis. Bioconjugate Chemistry, 2004, 15, 428-435.	1.8	45
129	Structure/Function Analysis of Peptoid/Lipitoid:DNA Complexes. Journal of Pharmaceutical Sciences, 2003, 92, 1905-1918.	1.6	38
130	Incorporation of Unprotected Heterocyclic Side Chains into Peptoid Oligomers via Solid-Phase Submonomer Synthesis. Journal of the American Chemical Society, 2003, 125, 8841-8845.	6.6	103
131	Structural and Spectroscopic Studies of Peptoid Oligomers with Î±-Chiral Aliphatic Side Chains. Journal of the American Chemical Society, 2003, 125, 13525-13530.	6.6	279
132	Extreme stability of helices formed by water-soluble poly-N-substituted glycines (polypeptoids) with ?-chiral side chains. Biopolymers, 2002, 63, 12-20.	1.2	144
133	Toward the Synthesis of Artificial Proteins. Chemistry and Biology, 2002, 9, 647-654.	6.2	107
134	Peptoid Oligomers with Î±-Chiral, Aromatic Side Chains:â€‰ Sequence Requirements for the Formation of Stable Peptoid Helices. Journal of the American Chemical Society, 2001, 123, 6778-6784.	6.6	229
135	Peptoid Oligomers with Î±-Chiral, Aromatic Side Chains:Â Effects of Chain Length on Secondary Structure. Journal of the American Chemical Society, 2001, 123, 2958-2963.	6.6	189
136	Improving SH3 domain ligand selectivity using a non-natural scaffold. Chemistry and Biology, 2000, 7, 463-473.	6.2	109
137	New submonomers for poly N-substituted glycines (peptoids). Tetrahedron Letters, 1999, 40, 1475-1478.	0.7	52
138	Lipitoids â€" novel cationic lipids for cellular delivery of plasmid DNA in vitro. Chemistry and Biology, 1998, 5, 345-354.	6.2	78
139	Exploiting the Basis of Proline Recognition by SH3 and WW Domains: Design of N-Substituted Inhibitors. , 1998, 282, 2088-2092.		287
140	Sequence-specific polypeptoids: A diverse family of heteropolymers with stable secondary structure. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4303-4308.	3.3	447
141	NMR determination of the major solution conformation of a peptoid pentamer with chiral side chains. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4309-4314.	3.3	290
142	A combinatorial approach to the discovery of efficient cationic peptoid reagents for gene delivery. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1517-1522.	3.3	207
143	Chiral N-substituted glycines can form stable helical conformations. Folding & Design, 1997, 2, 369-375.	4.5	175
144	NMR structural characterization of oligo-N-substituted glycine lead compounds from a combinatorial library. Molecular Diversity, 1997, 3, 1-15.	2.1	27

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145	[25] Synthesis of N-substituted glycine peptoid libraries. Methods in Enzymology, 1996, 267, 437-447.	0.4	180
146	The synthesis of 2-oxopiperazines by intramolecular Michael addition on solid support. Tetrahedron Letters, 1996, 37, 6247-6250.	0.7	41
147	Comparison of the proteolytic susceptibilities of homologous L-amino acid, D-amino acid, and N-substituted glycine peptide and peptoid oligomers. Drug Development Research, 1995, 35, 20-32.	1.4	383
148	Synthesis of peptide nucleic acids (PNA) by submonomer solid-phase synthesis. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 1159-1162.	1.0	24
149	Solid-Phase Synthesis of Highly Substituted Peptoid 1(2H)-Isoquinolinones. Journal of Organic Chemistry, 1995, 60, 5748-5749.	1.7	86
150	Solid-phase synthesis of defined 1,4-benzodiazepine-2,5-dione mixtures. Journal of Organic Chemistry, 1995, 60, 5744-5745.	1.7	101
151	Proteolytic studies of homologous peptide and N-substituted glycine peptoid oligomers. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 2657-2662.	1.0	289
152	Recent advances in the generation of chemical diversity libraries. Drug Development Research, 1994, 33, 174-188.	1.4	58
153	Discovery of Nanomolar Ligands for 7-Transmembrane G-Protein-Coupled Receptors from a Diverse N-(Substituted)glycine Peptoid Library. Journal of Medicinal Chemistry, 1994, 37, 2678-2685.	2.9	378
154	Free C-Terminal Resin-Bound Peptides: Reversal of Peptide Orientation via A Cyclization/Cleavage Protocol. Journal of the American Chemical Society, 1994, 116, 8835-8836.	6.6	32
155	Using Peptoid Libraries [Oligo N-Substituted Glycines] for Drug Discovery. Techniques in Protein Chemistry, 1994, 5, 533-539.	0.3	13
156	Identification of antibody mimotopes containing non-natural amino acids by recombinant and synthetic peptide library affinity selection methods. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 463-468.	1.0	18
157	Encoded combinatorial peptide libraries containing non-natural amino acids. Journal of the American Chemical Society, 1993, 115, 2529-2531.	6.6	186
158	The chemical synthesis of peptidomimetic libraries. Current Opinion in Structural Biology, 1993, 3, 580-584.	2.6	38
159	Molecular mechanics calculations of the structures of polyamide nucleic acid DNA duplexes and triple helical hybrids.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7518-7522.	3.3	54
160	Identification of highest-affinity ligands by affinity selection from equimolar peptide mixtures generated by robotic synthesis. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4505-4509.	3.3	106
161	Peptoids: a modular approach to drug discovery.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9367-9371.	3.3	929
162	Efficient method for the preparation of peptoids [oligo(N-substituted glycines)] by submonomer solid-phase synthesis. Journal of the American Chemical Society, 1992, 114, 10646-10647.	6.6	1,139

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163	Simplified methods for construction, assessment and rapid screening of peptide libraries in bacteriophage. Journal of Molecular Biology, 1992, 227, 711-718.	2.0	88
164	Design, construction and application of a fully automated equimolar peptide mixture synthesizer. International Journal of Peptide and Protein Research, 1992, 40, 497-506.	0.1	45
165	Hybrid Enzymes and the Sequence-Specific Cleavage of Nucleic Acids. Bioorganic Chemistry Frontiers, 1991, , 1-31.	1.2	0
166	Site-selective cleavage of structured RNA by a staphylococcal nuclease-DNA hybrid.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 1766-1770.	3.3	35
167	Site-selective cleavage of RNA by a hybrid enzyme. Journal of the American Chemical Society, 1988, 110, 1614-1615.	6.6	67
168	A hybrid sequence-selective ribonuclease S. Journal of the American Chemical Society, 1988, 110, 6592-6594.	6.6	51
169	Efficient methods for attachment of thiol specific probes to the 3â€²-ends of synthetic oligodeoxyribonucleotides. Nucleic Acids Research, 1987, 15, 5305-5321.	6.5	119
170	A general synthesis of vinylic fluorides. Journal of Organic Chemistry, 1985, 50, 1599-1602.	1.7	17