Alanna Schepartz

List of Publications by Year
in descending order

297 papers	8,191 citations	36303 51 h-index	58581 82 g-index
314 all docs	314 docs citations	314 times ranked	7974 citing authors

#	Article	IF	Citations
1	Chemistry and the BRAIN Initiative. Journal of the American Chemical Society, 2014, 136, 1-2.	13.7	364
2	Helical Î²-Peptide Inhibitors of the p53-hDM2 Interaction. Journal of the American Chemical Society, 2004, 126, 9468-9469.	13.7	298
3	Two-colour live-cell nanoscale imaging of intracellular targets. Nature Communications, 2016, 7, 10778.	12.8	197
4	High-Resolution Structure of a Î²-Peptide Bundle. Journal of the American Chemical Society, 2007, 129, 1532-1533.	13.7	195
5	Mechanism of DNA-binding enhancement by the human T-cell leukaemia virus transactivator Tax. Nature, 1995, 376, 606-608.	27.8	180
6	Inhibiting HIV Fusion with a Î²-Peptide Foldamer. Journal of the American Chemical Society, 2005, 127, 13126-13127.	13.7	169
7	Î²-Peptides as inhibitors of proteinâ€"protein interactions. Bioorganic and Medicinal Chemistry, 2005, 13, 11-16.	3.0	168
8	Selective Recognition of Protein Tetraserine Motifs with a Cell-Permeable, Pro-fluorescent Bis-boronic Acid. Journal of the American Chemical Society, 2009, 131, 438-439.	13.7	165
9	Long time-lapse nanoscopy with spontaneously blinking membrane probes. Nature Biotechnology, 2017, 35, 773-780.	17.5	157
10	Structure of the bacterial ribosome at 2 Ã… resolution. ELife, 2020, 9, .	6.0	151
11	Arginine Topology Controls Escape of Minimally Cationic Proteins from Early Endosomes to the Cytoplasm. Chemistry and Biology, 2012, 19, 819-830.	6.0	146
12	Sophistication of foldamer form and function in vitro and in vivo. Current Opinion in Chemical Biology, 2007, 11, 685-692.	6.1	141
13	Superâ€Resolution Imaging of the Golgi in Live Cells with a Bioorthogonal Ceramide Probe. Angewandte Chemie - International Edition, 2014, 53, 10242-10246.	13.8	138
14	Highly Specific DNA Recognition by a Designed Miniature Protein. Journal of the American Chemical Society, 1999, 121, 6938-6939.	13.7	130
15	Site-specific cleavage of the protein calmodulin using a trifluoperazine-based affinity reagent. Journal of the American Chemical Society, 1990, 112, 3247-3249.	13.7	127
16	Surveying polypeptide and protein domain conformation and association with FlAsH and ReAsH. Nature Chemical Biology, 2007, 3, 779-784.	8.0	127
17	Bridged Î²³-Peptide Inhibitors of p53-hDM2 Complexation: Correlation between Affinity and Cell Permeability. Journal of the American Chemical Society, 2010, 132, 2904-2906.	13.7	121
18	The Ecstasy and Agony of Assay Interference Compounds. Journal of Medicinal Chemistry, 2017, 60, 2165-2168.	6.4	113

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19	Helix Macrodipole Control of Î²3-Peptide 14-Helix Stability in Water. Journal of the American Chemical Society, 2003, 125, 4022-4023.	13.7	110
20	Kinetic Studies of FosÂ·JunÂ·DNA Complex Formation:â€‰ DNA Binding Prior to Dimerization. Biochemistry, 2001, 40, 130-142.	2.5	109
21	Discovery and Characterization of a Peptide That Enhances Endosomal Escape of Delivered Proteins in Vitro and in Vivo. Journal of the American Chemical Society, 2015, 137, 14084-14093.	13.7	109
22	Intrinsically Cell-Permeable Miniature Proteins Based on a Minimal Cationic PPII Motif. Journal of the American Chemical Society, 2007, 129, 14578-14579.	13.7	108
23	Minimally Cationic Cell-Permeable Miniature Proteins via Î±-Helical Arginine Display. Journal of the American Chemical Society, 2008, 130, 2948-2949.	13.7	102
24	<i>In Vivo</i> Biosynthesis of a Î²-Amino Acid-Containing Protein. Journal of the American Chemical Society, 2016, 138, 5194-5197.	13.7	101
25	Labeling Strategies Matter for Super-Resolution Microscopy: A Comparison between HaloTags and SNAP-tags. Cell Chemical Biology, 2019, 26, 584-592.e6.	5.2	100
26	Fluorescence Correlation Spectroscopy Reveals Highly Efficient Cytosolic Delivery of Certain Penta-Arg Proteins and Stapled Peptides. Journal of the American Chemical Society, 2015, 137, 2536-2541.	13.7	99
27	Concerted Evolution of Structure and Function in a Miniature Protein. Journal of the American Chemical Society, 2001, 123, 2929-2930.	13.7	98
28	Design and Evolution of a Miniature Bcl-2 Binding Protein. Angewandte Chemie - International Edition, 2001, 40, 3806-3809.	13.8	95
29	Relationship between Side Chain Structure and 14-Helix Stability of Î²3-Peptides in Water. Journal of the American Chemical Society, 2005, 127, 167-178.	13.7	94
30	Hydrolysis of an amide in a carboxypeptidase model using cobalt(III) and bifunctional catalysts. Journal of the American Chemical Society, 1987, 109, 1814-1826.	13.7	93
31	Rapid phenolic O-glycosylation of small molecules and complex unprotected peptides in aqueous solvent. Nature Chemistry, 2018, 10, 644-652.	13.6	91
32	Toward Î²-Amino Acid Proteins:Â A Cooperatively Folded Î²-Peptide Quaternary Structure. Journal of the American Chemical Society, 2006, 128, 11338-11339.	13.7	89
33	Molecular Recognition of Protein Surfaces:Â High Affinity Ligands for the CBP KIX Domain. Journal of the American Chemical Society, 2003, 125, 14336-14347.	13.7	88
34	Toward Î²-Amino Acid Proteins:â€‰ Design, Synthesis, and Characterization of a Fifteen Kilodalton Î²-Peptide Tetramer. Journal of the American Chemical Society, 2008, 130, 821-823.	13.7	84
35	High Affinity, Paralog-Specific Recognition of the Mena EVH1 Domain by a Miniature Protein. Journal of the American Chemical Society, 2004, 126, 4-5.	13.7	82
36	Miniature Protein Inhibitors of the p53-hDM2 Interaction. ChemBioChem, 2006, 7, 29-31.	2.6	81

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37	A new strategy for directed protein cleavage. Tetrahedron Letters, 1992, 33, 895-898.	1.4	78
38	The Ecstasy and Agony of Assay Interference Compounds. ACS Central Science, 2017, 3, 143-147.	11.3	78
39	Solution Structure of a Î²-Peptide Ligand for hDM2. Journal of the American Chemical Society, 2005, 127, 4118-4119.	13.7	75
40	Aqueous Glycosylation of Unprotected Sucrose Employing Glycosyl Fluorides in the Presence of Calcium Ion and Trimethylamine. Journal of the American Chemical Society, 2016, 138, 3175-3182.	13.7	73
41	A Rapid Library Screen for Tailoring Î²-Peptide Structure and Function. Journal of the American Chemical Society, 2005, 127, 14584-14585.	13.7	70
42	In Silico Improvement of Î²³-Peptide Inhibitors of p53â€¢hDM2 and p53â€¢hDMX. Journal of the American Chemical Society, 2009, 131, 6356-6357.	13.7	68
43	Surveying Protein Structure and Function Using Bis-Arsenical Small Molecules. Accounts of Chemical Research, 2011, 44, 654-665.	15.6	67
44	Î²-Peptides with improved affinity for hDM2 and hDMX. Bioorganic and Medicinal Chemistry, 2009, 17, 2038-2046.	3.0	66
45	Design and High-Resolution Structure of a Î²³-Peptide Bundle Catalyst. Journal of the American Chemical Society, 2014, 136, 6810-6813.	13.7	65
46	Miniature Homeodomains:Â High Specificity without an N-Terminal Arm. Journal of the American Chemical Society, 2003, 125, 3416-3417.	13.7	64
47	Paralog-Selective Ligands for Bcl-2 Proteins. Journal of the American Chemical Society, 2005, 127, 1596-1597.	13.7	64
48	Biophysical and Structural Characterization of a Robust Octameric Î²-Peptide Bundle. Journal of the American Chemical Society, 2007, 129, 14746-14751.	13.7	63
49	Self-assembling ionophores. Journal of the American Chemical Society, 1989, 111, 5976-5977.	13.7	62
50	Certain bZIP peptides bind DMA sequentially as monomers and dimerize on the DMA. Nature Structural Biology, 1997, 4, 115-117.	9.7	59
51	A novel physiological role for ARF1 in the formation of bidirectional tubules from the Golgi. Molecular Biology of the Cell, 2017, 28, 1676-1687.	2.1	55
52	Increasing the Kinase Specificity of K252a by Protein Surface Recognition. Organic Letters, 2005, 7, 1695-1698.	4.6	54
53	Biophysical Characterization of a Î²-Peptide Bundle:Â Comparison to Natural Proteins. Journal of the American Chemical Society, 2007, 129, 5344-5345.	13.7	54
54	Translation of Diverse Aramid- and 1,3-Dicarbonyl-peptides by Wild Type Ribosomes <i>in Vitro</i>. ACS Central Science, 2019, 5, 1289-1294.	11.3	54

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55	Bipartite Tetracysteine Display Reveals Allosteric Control of Ligand-Specific EGFR Activation. ACS Chemical Biology, 2012, 7, 1367-1376.	3.4	51
56	Î²-Peptide Bundles with Fluorous Cores. Journal of the American Chemical Society, 2010, 132, 3658-3659.	13.7	48
57	Î²-Peptide bundles: Design. Build. Analyze. Biosynthesize.. Chemical Communications, 2016, 52, 7420-7432.	4.1	47
58	Cellâ€Permeable Î²â€Peptide Inhibitors of p53/hDM2 Complexation. ChemBioChem, 2009, 10, 990-993.	2.6	46
59	Longâ€Term Liveâ€Cell STED Nanoscopy of Primary and Cultured Cells with the Plasma Membrane HIDE Probe DiIâ€SiR. Angewandte Chemie - International Edition, 2017, 56, 10408-10412.	13.8	44
60	Initiation of Protein Synthesis with Nonâ€Canonical Amino Acids Inâ€...Vivo. Angewandte Chemie - International Edition, 2020, 59, 3122-3126.	13.8	43
61	A view to a kill: ligands for Bcl-2 family proteins. Current Opinion in Chemical Biology, 2002, 6, 479-485.	6.1	42
62	Growth Factor Identity Is Encoded by Discrete Coiled-Coil Rotamers in the EGFR Juxtamembrane Region. Chemistry and Biology, 2015, 22, 776-784.	6.0	42
63	Fluorescence Correlation Spectroscopy Reveals Efficient Cytosolic Delivery of Protein Cargo by Cell-Permeant Miniature Proteins. ACS Central Science, 2018, 4, 1379-1393.	11.3	42
64	Distribution of labor among bZIP segments in the control of DNA affinity and specificity. Chemistry and Biology, 1994, 1, 143-151.	6.0	41
65	Electrostatic Mechanism for DNA Bending by bZIP Proteinsâ€. Biochemistry, 1997, 36, 10033-10038.	2.5	41
66	HOPS-dependent endosomal fusion required for efficient cytosolic delivery of therapeutic peptides and small proteins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 512-521.	7.1	41
67	Improved Assays for Determining the Cytosolic Access of Peptides, Proteins, and Their Mimetics. Biochemistry, 2013, 52, 9036-9046.	2.5	40
68	Extremely Bright, Near-IR Emitting Spontaneously Blinking Fluorophores Enable Ratiometric Multicolor Nanoscopy in Live Cells. ACS Central Science, 2021, 7, 1419-1426.	11.3	40
69	DNA Bending and Binding by Metallo-Zipper Models of bZIP Proteins. Journal of the American Chemical Society, 1995, 117, 8899-8907.	13.7	39
70	A Î²-Peptide Agonist of the GLP-1 Receptor, a Class B GPCR. Organic Letters, 2013, 15, 5318-5321.	4.6	39
71	Genetic Encoding of Three Distinct Noncanonical Amino Acids Using Reprogrammed Initiator and Nonsense Codons. ACS Chemical Biology, 2021, 16, 766-774.	3.4	39
72	Polyether tethered oligonucleotide probes. Journal of the American Chemical Society, 1991, 113, 6324-6326.	13.7	38

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73	Identification of a Î²3-peptide HIV fusion inhibitor with improved potency in live cells. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3736-3738.	2.2	38
74	Tethered oligonucleotide probes. A strategy for the recognition of structured RNA. Journal of the American Chemical Society, 1991, 113, 5109-5111.	13.7	35
75	Binding Mode and Transcriptional Activation Potential of High Affinity Ligands for the CBP KIX Domain. Journal of the American Chemical Society, 2005, 127, 4649-4658.	13.7	35
76	The Ecstasy and Agony of Assay Interference Compounds. ACS Medicinal Chemistry Letters, 2017, 8, 379-382.	2.8	35
77	Methodology for optimizing functional miniature proteins based on avian pancreatic polypeptide using phage display. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1501-1505.	2.2	34
78	Positive Allostery in Metal Ion Binding by a Cooperatively Folded Î²-Peptide Bundle. Journal of the American Chemical Society, 2014, 136, 14726-14729.	13.7	34
79	Visualizing protein partnerships in living cells and organisms. Current Opinion in Chemical Biology, 2011, 15, 781-788.	6.1	33
80	Mechanism of Allosteric Coupling into and through the Plasma Membrane by EGFR. Cell Chemical Biology, 2018, 25, 857-870.e7.	5.2	32
81	Selection of structure-specific inhibitors of the HIV Rev-Rev response element complex. Journal of the American Chemical Society, 1994, 116, 437-442.	13.7	28
82	Bipartite Tetracysteine Display Requires Site Flexibility for ReAsH Coordination. ChemBioChem, 2009, 10, 1644-1647.	2.6	28
83	HIDE Probes: A New Toolkit for Visualizing Organelle Dynamics, Longer and at Super-Resolution. Biochemistry, 2017, 56, 5194-5201.	2.5	28
84	Rewiring Kinase Specificity with a Synthetic Adaptor Protein. Journal of the American Chemical Society, 2012, 134, 3976-3978.	13.7	27
85	Inhibiting Epidermal Growth Factor Receptor at a Distance. Journal of the American Chemical Society, 2014, 136, 11232-11235.	13.7	27
86	Relationship between Salt-Bridge Identity and 14-Helix Stability of Î²3-Peptides in Aqueous Buffer. Organic Letters, 2006, 8, 807-810.	4.6	26
87	A Î²-Boronopeptide Bundle of Known Structure As a Vehicle for Polyol Recognition. Organic Letters, 2013, 15, 5048-5051.	4.6	26
88	Two-color nanoscopy of organelles for extended times with HIDE probes. Nature Communications, 2020, 11, 4271.	12.8	26
89	Design and Evolution of a Miniature Bcl-2 Binding Protein We thank the HHMI Biopolymer/Keck Foundation Biotechnology Resource Laboratory (Yale University School of Medicine, New Haven, CT) for oligonucleotide and peptide synthesis and amino acid analysis and Professor Jennifer Doudna (Yale University) for use of a Perseptive Voyager-DE (MALDI-TOF) mass spectrometer. We are grateful also to Dr. Junying Yuan and Dr. Alexi Degterev (Harvard Medical School) for a generous gift of Bcl-X(L)-His(6) and Stacey E. R. Angewandte Chemie - International Edition, 2001, 40, 3806-3809.	13.8	26
90	Tetrameric Î²³â€Peptide Bundles. ChemBioChem, 2008, 9, 1576-1578.	2.6	25

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91	HochaufgelÃ¶ste Visualisierung des Golgiâ€Apparats in lebenden Zellen mit einem bioorthogonalen Ceramid. Angewandte Chemie, 2014, 126, 10407-10412.	2.0	24
92	Kinetic and thermodynamic analysis of RNA binding by tethered oligonucleotide probes: alternative structures and conformational changes. Journal of the American Chemical Society, 1993, 115, 5005-5014.	13.7	22
93	Engineering a Monomeric Miniature Protein. Journal of the American Chemical Society, 2007, 129, 11024-11025.	13.7	22
94	Enhancing Î²³â€Peptide Bundle Stability by Design. ChemBioChem, 2011, 12, 1035-1038.	2.6	22
95	Combined Lewis acid and BrÃ¸nsted acid-mediated reactivity of glycosyl trichloroacetimidate donors. Carbohydrate Research, 2013, 382, 36-42.	2.3	22
96	Influence of Macrocyclization on Allosteric, Juxtamembrane-Derived, Stapled Peptide Inhibitors of the Epidermal Growth Factor Receptor (EGFR). Organic Letters, 2014, 16, 4916-4919.	4.6	22
97	Improved Carbohydrate Recognition in Water with an Electrostatically Enhanced Î²-Peptide Bundle. Organic Letters, 2015, 17, 4718-4721.	4.6	21
98	Rotamer-Restricted Fluorogenicity of the Bis-Arsenical ReAsH. Journal of the American Chemical Society, 2016, 138, 7143-7150.	13.7	21
99	Imaging organelle membranes in live cells at the nanoscale with lipid-based fluorescent probes. Current Opinion in Chemical Biology, 2021, 65, 154-162.	6.1	21
100	Structural Differences between Wild-Type and Double Mutant EGFR Modulated by Third-Generation Kinase Inhibitors. Journal of the American Chemical Society, 2015, 137, 6456-6459.	13.7	20
101	The Ecstasy and Agony of Assay Interference Compounds. Journal of Chemical Information and Modeling, 2017, 57, 387-390.	5.4	20
102	Endosome motility defects revealed at super-resolution in live cells using HIDE probes. Nature Chemical Biology, 2020, 16, 408-414.	8.0	20
103	Encodable Activators of Src Family Kinases. Journal of the American Chemical Society, 2006, 128, 16506-16507.	13.7	19
104	Defects in the Assembly of Ribosomes Selected for Î²-Amino Acid Incorporation. Biochemistry, 2019, 58, 4494-4504.	2.5	19
105	Visualizing Tyrosine Kinase Activity with Bipartite Tetracysteine Display. ChemBioChem, 2010, 11, 2089-2091.	2.6	18
106	Remodeling a Î²-peptide bundle. Chemical Science, 2013, 4, 319-324.	7.4	18
107	Unique arginine array improves cytosolic localization of hydrocarbon-stapled peptides. Bioorganic and Medicinal Chemistry, 2018, 26, 1197-1202.	3.0	18
108	Substituent effect on the electrochemical oxidation of arylmethyl anions. 3. Effect of methyl substitution on diarylmethyl anions. Journal of Organic Chemistry, 1983, 48, 3458-3464.	3.2	17

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109	Binding of alkali-metal cations by self-assembling ionophore complexes of nickel(II). Inorganic Chemistry, 1992, 31, 1308-1310.	4.0	16
110	Virtually unidirectional binding of TBP to the AdMLP TATA box within the quaternary complex with TFIIA and TFIIB. Chemistry and Biology, 2000, 7, 601-610.	6.0	16
111	Effective Molarity <i>Redux</i>: Proximity as a Guiding Force in Chemistry and Biology. Israel Journal of Chemistry, 2013, 53, 567-576.	2.3	16
112	RNA sectors and allosteric function within the ribosome. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19879-19887.	7.1	16
113	Bioorthogonal, Fluorogenic Targeting of Voltage-Sensitive Fluorophores for Visualizing Membrane Potential Dynamics in Cellular Organelles. Journal of the American Chemical Society, 2022, 144, 12138-12146.	13.7	16
114	Mechanism of DNA Binding Enhancement by Hepatitis B Virus Protein pXâ€. Biochemistry, 1997, 36, 15349-15355.	2.5	15
115	STED Imaging of Golgi Dynamics with Cer-SiR: A Two-Component, Photostable, High-Density Lipid Probe for Live Cells. Methods in Molecular Biology, 2017, 1663, 65-78.	0.9	15
116	Synthesis and Biological Evaluation of an Indazole-Based Selective Protein Arginine Deiminase 4 (PAD4) Inhibitor. ACS Medicinal Chemistry Letters, 2018, 9, 1013-1018.	2.8	15
117	Kinetic Preference for Oriented DNA Binding by the Yeast TATA-Binding Protein TBP. Biochemistry, 2001, 40, 6257-6266.	2.5	14
118	On the Mechanism of Peptide Cleavage by Carboxypeptidase A and Related Enzymes. Chemistry Letters, 1987, 16, 1-4.	1.3	13
119	Relationship between Folding and Function in a Sequence-Specific Miniature DNA-Binding Proteinâ€. Biochemistry, 2005, 44, 7469-7478.	2.5	13
120	Interactions of AsCy3 with Cysteine-Rich Peptides. Organic Letters, 2014, 16, 3824-3827.	4.6	13
121	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	8.0	13
122	Redirecting RiPP Biosynthetic Enzymes to Proteins and Backbone-Modified Substrates. ACS Central Science, 2022, 8, 473-482.	11.3	13
123	Miniature Protein Ligands for EVH1 Domains:â€‰ Interplay between Affinity, Specificity, and Cell Motility. Biochemistry, 2007, 46, 13541-13553.	2.5	12
124	Nonspecific DNA bending and the specificity of protein-DNA interactions. Science, 1995, 269, 989-990.	12.6	11
125	Conformation of Tax-response elements in the human T-cell leukemia virus type I promoter. Chemistry and Biology, 1995, 2, 819-826.	6.0	11
126	Triplex Tethered Oligonucleotide Probes. Journal of the American Chemical Society, 1996, 118, 10896-10897.	13.7	11

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127	Hepatitis B Virus Protein pX Enhances the Monomer Assembly Pathway of bZIPÂ·DNA Complexesâ€. Biochemistry, 2001, 40, 2835-2843.	2.5	11
128	Quantification of protein delivery in live cells using fluorescence correlation spectroscopy. Methods in Enzymology, 2020, 641, 477-505.	1.0	11
129	Convenient Syntheses of Bifunctional Metal Chelates. Journal of Organic Chemistry, 1995, 60, 3924-3927.	3.2	10
130	Kinetics and Mechanism of RNA Binding by Triplex Tethered Oligonucleotide Probes. Journal of the American Chemical Society, 1997, 119, 11591-11597.	13.7	10
131	Sequence Determinants of the Intrinsic Bend in the Cyclic AMP Response Elementâ€. Biochemistry, 1998, 37, 7113-7118.	2.5	10
132	Hepatitis B Virus X Protein Activates Transcription by Bypassing CREB Phosphorylation, Not by Stabilizing bZIPâ˘DNA Complexesâ€. Biochemistry, 2001, 40, 693-703.	2.5	10
133	Synthesis of N-Î±-boc-N-Îµ-tribenzyl EDTA-L-lysine. An amino acid analogue suitable for solid phase peptide synthesis. Tetrahedron, 1991, 47, 2535-2542.	1.9	9
134	Interaction, assembly and processing at the chemistryâ€"biology interface. Current Opinion in Chemical Biology, 1998, 2, 9-10.	6.1	9
135	Effects of nucleic acids and polyanions on dimer formation and DNA binding by bZIP and bHLHZip transcription factors. Bioorganic and Medicinal Chemistry, 2001, 9, 2435-2443.	3.0	9
136	Genetic Code Expansion in the Engineered Organism Vmax X2: High Yield and Exceptional Fidelity. ACS Central Science, 2021, 7, 1500-1507.	11.3	9
137	Direct Visualization of Protein Association in Living Cells with Complexâ€Edited Electron Microscopy. Angewandte Chemie - International Edition, 2010, 49, 7952-7954.	13.8	8
138	The Ecstasy and Agony of Assay Interference Compounds. ACS Chemical Neuroscience, 2017, 8, 420-423.	3.5	8
139	The Ecstasy and Agony of Assay Interference Compounds. Biochemistry, 2017, 56, 1363-1366.	2.5	8
140	Inhibition of revÂ·RRE complexation by triplex tethered oligonucleotide probes. Bioorganic and Medicinal Chemistry, 1997, 5, 1123-1129.	3.0	7
141	Relationship between side-chain branching and stoichiometry in Î²3-peptide bundles. Tetrahedron, 2012, 68, 4342-4345.	1.9	7
142	Cytosolic Delivery of Argininosuccinate Synthetase Using a Cell-Permeant Miniature Protein. ACS Central Science, 2021, 7, 641-649.	11.3	7
143	A general scheme for incorporating nonnatural functionality into peptides. Tetrahedron Letters, 1991, 32, 3325-3328.	1.4	6
144	A uniquely modified RNA: Introduction of a single RNA cleavage agent into the M1 ribozyme. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 2133-2138.	2.2	6

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145	Initiation of Protein Synthesis with Nonâ€Canonical Amino Acids Inâ€…Vivo. Angewandte Chemie, 2020, 132, 3146-3150.	2.0	6
146	Targeted editing and evolution of engineered ribosomes in vivo by filtered editing. Nature Communications, 2022, 13, 180.	12.8	6
147	Preinitiation complex assembly: potentially a bumpy path. Current Opinion in Chemical Biology, 1998, 2, 11-17.	6.1	5
148	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	8.0	5
149	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	9.1	5
150	Suppression of p53 response by targeting p53-Mediator binding with a stapled peptide. Cell Reports, 2022, 39, 110630.	6.4	5
151	Studies on the formation of DNAÂ·protein interfaces: DNA specificity and straightening by CREB. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 1621-1626.	2.2	4
152	Molecular imaging: sine labore nihil. Current Opinion in Chemical Biology, 2011, 15, 749-751.	6.1	4
153	Building on 50 Years of Excellence Where Chemistry Meets Life Science. Biochemistry, 2016, 55, 4997-4997.	2.5	4
154	The Ecstasy and Agony of Assay Interference Compounds. ACS Infectious Diseases, 2017, 3, 259-262.	3.8	4
155	Foldamers wave to the ribosome. Nature Chemistry, 2018, 10, 377-379.	13.6	4
156	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	4.6	4
157	Initiating protein synthesis with noncanonical monomers in vitro and in vivo. Methods in Enzymology, 2021, 656, 495-519.	1.0	4
158	Longâ€Term Liveâ€Cell STED Nanoscopy of Primary and Cultured Cells with the Plasma Membrane HIDE Probe Dilâ€SiR. Angewandte Chemie, 2017, 129, 10544-10548.	2.0	3
159	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	13.7	3
160	Evidence for induced DNA bending by the yeast zinc cluster protein PUT3. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2049-2054.	2.2	2
161	Yes, Biochemistry Now Publishes Communications and Something Newâ€"From the Bench. Biochemistry, 2017, 56, 2863-2864.	2.5	2
162	GEM-NET: Lessons in Multi-Institution Teamwork Using Collaboration Software. ACS Central Science, 2019, 5, 1159-1169.	11.3	2

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163	Discrete Coiled Coil Rotamers Form within the EGFRvIII Juxtamembrane Domain. Biochemistry, 2020, 59, 3965-3972.	2.5	2
164	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	14.6	2
165	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	14.6	2
166	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	47.7	2
167	Introducing the â€œSeeing into Cellsâ€•Special Issue. Biochemistry, 2017, 56, 5161-5162.	2.5	1
168	The New Biochemistry Editorial Team. Biochemistry, 2017, 56, 4289-4290.	2.5	1
169	Ronald Breslow (1931â€"2017). Angewandte Chemie - International Edition, 2018, 57, 37-37.	13.8	1
170	Introducing â€œFuture of Biochemistry: The International Issueâ€• Biochemistry, 2019, 58, 1-6.	2.5	1
171	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	17.4	1
172	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	8.7	1
173	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	2.3	1
174	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	4.6	1
175	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	11.3	1
176	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	2.8	1
177	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	3.0	1
178	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	11.2	1
179	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	13.7	1
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186	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	4.6	1
187	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	3.5	1
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261	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Energy & Fuels, 2020, 34, 5107-5108.	5.1	0
262	Introducing â€œFuture of Biochemistry 2020: The Asia-Pacific Issueâ€• Biochemistry, 2020, 59, 1-7.	2.5	0
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