

Anna Marie Pyle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12178800/publications.pdf>

Version: 2024-02-01

145
papers

12,262
citations

19657

61
h-index

29157

104
g-index

150
all docs

150
docs citations

150
times ranked

8933
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>mda-5</i> : An interferon-inducible putative RNA helicase with double-stranded RNA-dependent ATPase activity and melanoma growth-suppressive properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 637-642.	7.1	577
2	Translocation and Unwinding Mechanisms of RNA and DNA Helicases. <i>Annual Review of Biophysics</i> , 2008, 37, 317-336.	10.0	444
3	Crystal Structure of a Self-Spliced Group II Intron. <i>Science</i> , 2008, 320, 77-82.	12.6	441
4	RNA translocation and unwinding mechanism of HCV NS3 helicase and its coordination by ATP. <i>Nature</i> , 2006, 439, 105-108.	27.8	343
5	Structural Insights into RNA Recognition by RIG-I. <i>Cell</i> , 2011, 147, 409-422.	28.9	337
6	Metal ions in the structure and function of RNA. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 679-690.	2.6	328
7	HOTAIR Forms an Intricate and Modular Secondary Structure. <i>Molecular Cell</i> , 2015, 58, 353-361.	9.7	299
8	Alternative Roles for Metal Ions in Enzyme Catalysis and the Implications for Ribozyme Chemistry. <i>Chemical Reviews</i> , 2007, 107, 97-113.	47.7	285
9	Active Disruption of an RNA-Protein Interaction by a DExH/D RNA Helicase. <i>Science</i> , 2001, 291, 121-125.	12.6	280
10	The Molecular Interactions That Stabilize RNA Tertiary Structure: RNA Motifs, Patterns, and Networks. <i>Accounts of Chemical Research</i> , 2011, 44, 1302-1311.	15.6	276
11	RNA backbone: Consensus all-angle conformers and modular string nomenclature (an RNA Ontology) Tj ETQq1 1 0,784314 rgBT /Ov	3.5	216
12	RNA substrate binding site in the catalytic core of the Tetrahymena ribozyme. <i>Nature</i> , 1992, 358, 123-128.	27.8	215
13	The DExH protein NPH-II is a processive and directional motor for unwinding RNA. <i>Nature</i> , 2000, 403, 447-451.	27.8	209
14	Temperature-dependent innate defense against the common cold virus limits viral replication at warm temperature in mouse airway cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 827-832.	7.1	199
15	Ribozyme recognition of RNA by tertiary interactions with specific ribose 2'-OH groups. <i>Nature</i> , 1991, 350, 628-631.	27.8	196
16	Calculating the electrostatic properties of RNA provides new insights into molecular interactions and function. <i>Nature Structural Biology</i> , 1999, 6, 1055-1061.	9.7	196
17	The hepatitis C viral NS3 protein is a processive DNA helicase with cofactor enhanced RNA unwinding. <i>EMBO Journal</i> , 2002, 21, 1168-1176.	7.8	191
18	Probing Nucleic Acids with Transition Metal Complexes. <i>Progress in Inorganic Chemistry</i> , 2007, , 413-475.	3.0	191

#	ARTICLE	IF	CITATIONS
19	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. <i>PLoS Biology</i> , 2021, 19, e3001143.	5.6	180
20	Visualizing Group II Intron Catalysis through the Stages of Splicing. <i>Cell</i> , 2012, 151, 497-507.	28.9	155
21	The architectural organization and mechanistic function of group II intron structural elements. <i>Current Opinion in Structural Biology</i> , 1998, 8, 301-308.	5.7	144
22	Calculation of pKas in RNA: On the Structural Origins and Functional Roles of Protonated Nucleotides. <i>Journal of Molecular Biology</i> , 2007, 366, 1475-1496.	4.2	137
23	A structural analysis of the group II intron active site and implications for the spliceosome. <i>Rna</i> , 2010, 16, 1-9.	3.5	127
24	Stepping through an RNA structure: a novel approach to conformational analysis 1 Edited by D. Draper. <i>Journal of Molecular Biology</i> , 1998, 284, 1465-1478.	4.2	126
25	Metal ion binding sites in a group II intron core. <i>Nature Structural Biology</i> , 2000, 7, 1111-1116.	9.7	125
26	Two Competing Pathways for Self-splicing by Group II Introns: A Quantitative Analysis of in Vitro Reaction Rates and Products. <i>Journal of Molecular Biology</i> , 1996, 256, 31-49.	4.2	121
27	Periodic cycles of RNA unwinding and pausing by hepatitis C virus NS3 helicase. <i>Nature</i> , 2004, 430, 476-480.	27.8	121
28	Visualizing the secondary and tertiary architectural domains of lncRNA RepA. <i>Nature Chemical Biology</i> , 2017, 13, 282-289.	8.0	121
29	Defining functional groups, core structural features and inter-domain tertiary contacts essential for group II intron self-splicing: a NAIM analysis. <i>EMBO Journal</i> , 1998, 17, 7091-7104.	7.8	111
30	Building a Kinetic Framework for Group II Intron Ribozyme Activity: Quantitation of Interdomain Binding and Reaction Rate. <i>Biochemistry</i> , 1994, 33, 2716-2725.	2.5	109
31	The tertiary structure of group II introns: implications for biological function and evolution. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2010, 45, 215-232.	5.2	108
32	Remarkable morphological variability of a common RNA folding motif: the GNRATetraloop-receptor interaction 1 Edited by D. E. Draper. <i>Journal of Molecular Biology</i> , 1997, 266, 493-506.	4.2	106
33	RNA structure comparison, motif search and discovery using a reduced representation of RNA conformational space. <i>Nucleic Acids Research</i> , 2003, 31, 4755-4761.	14.5	103
34	Shape-selective targeting of DNA by phenanthrenequinone diiminorhodium(III) photocleaving agents. <i>Journal of the American Chemical Society</i> , 1989, 111, 4520-4522.	13.7	100
35	The Serine Protease Domain of Hepatitis C Viral NS3 Activates RNA Helicase Activity by Promoting the Binding of RNA Substrate. <i>Journal of Biological Chemistry</i> , 2007, 282, 34913-34920.	3.4	98
36	Folding of group II introns: a model system for large, multidomain RNAs?. <i>Trends in Biochemical Sciences</i> , 2007, 32, 138-145.	7.5	98

#	ARTICLE	IF	CITATIONS
37	Defining the functional determinants for RNA surveillance by RIG-I. EMBO Reports, 2013, 14, 772-779.	4.5	97
38	Productive folding to the native state by a group II intron ribozyme. Journal of Molecular Biology, 2002, 315, 297-310.	4.2	96
39	Hepatitis C Viral NS3-4A Protease Activity Is Enhanced by the NS3 Helicase. Journal of Biological Chemistry, 2008, 283, 29929-29937.	3.4	95
40	Group II intron splicing in vivo by first-step hydrolysis. Nature, 1998, 391, 915-918.	27.8	94
41	The molecular mechanism of RIG-I activation and signaling. Immunological Reviews, 2021, 304, 154-168.	6.0	93
42	Solution structure of domain 5 of a group II intron ribozyme reveals a new RNA motif. Nature Structural and Molecular Biology, 2004, 11, 187-192.	8.2	92
43	Conversion of a Group II Intron into a New Multiple-Turnover Ribozyme that Selectively Cleaves Oligonucleotides: Elucidation of Reaction Mechanism and Structure/Function Relationships. Biochemistry, 1995, 34, 2965-2977.	2.5	88
44	Structural basis for exon recognition by a group II intron. Nature Structural and Molecular Biology, 2008, 15, 1221-1222.	8.2	87
45	Group II Intron Self-Splicing. Annual Review of Biophysics, 2016, 45, 183-205.	10.0	87
46	A tertiary interaction that links active-site domains to the 5' splice site of a group II intron. Nature, 2000, 406, 315-318.	27.8	83
47	Ribozyme Catalysis from the Major Groove of Group II Intron Domain 5. Molecular Cell, 1998, 1, 433-441.	9.7	82
48	A DEAD Protein that Activates Intron Self-Splicing without Unwinding RNA. Molecular Cell, 2006, 24, 611-617.	9.7	82
49	Crane: semi-automated RNA model building. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 985-995.	2.5	80
50	Crystal structures of a group II intron maturase reveal a missing link in spliceosome evolution. Nature Structural and Molecular Biology, 2016, 23, 558-565.	8.2	79
51	An obligate intermediate along the slow folding pathway of a group II intron ribozyme. Nucleic Acids Research, 2005, 33, 6674-6687.	14.5	73
52	Single-molecule analysis of Mss116-mediated group II intron folding. Nature, 2010, 467, 935-939.	27.8	73
53	Visualizing the Determinants of Viral RNA Recognition by Innate Immune Sensor RIG-I. Structure, 2012, 20, 1983-1988.	3.3	73
54	Evaluating and Learning from RNA Pseudotorsional Space: Quantitative Validation of a Reduced Representation for RNA Structure. Journal of Molecular Biology, 2007, 372, 942-957.	4.2	72

#	ARTICLE	IF	CITATIONS
55	Stopped-Flow Fluorescence Spectroscopy of a Group II Intron Ribozyme Reveals that Domain 1 Is an Independent Folding Unit with a Requirement for Specific Mg ²⁺ Ions in the Tertiary Structure. <i>Biochemistry</i> , 1997, 36, 4718-4730.	2.5	69
56	Backbone tracking by the SF2 helicase NPH-II. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 526-530.	8.2	69
57	An ultraprocessive, accurate reverse transcriptase encoded by a metazoan group II intron. <i>Rna</i> , 2018, 24, 183-195.	3.5	69
58	Tertiary architecture of the <i>Oceanobacillus iheyensis</i> group II intron. <i>Rna</i> , 2010, 16, 57-69.	3.5	68
59	An Alternative Route for the Folding of Large RNAs: Apparent Two-state Folding by a Group II Intron Ribozyme. <i>Journal of Molecular Biology</i> , 2003, 334, 639-652.	4.2	67
60	Replacement of the Conserved G.cntdot.U with a G-C Pair at the Cleavage Site of the Tetrahymena Ribozyme Decreases Binding, Reactivity, and Fidelity. <i>Biochemistry</i> , 1994, 33, 13856-13863.	2.5	66
61	A single active-site region for a group II intron. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 626-627.	8.2	66
62	The identification of novel RNA structural motifs using COMPADRES: an automated approach to structural discovery. <i>Nucleic Acids Research</i> , 2004, 32, 6650-6659.	14.5	65
63	Site-Specific Labeling of RNA with Fluorophores and Other Structural Probes. <i>Methods</i> , 1999, 18, 60-70.	3.8	64
64	Mechanism of Mss116 ATPase Reveals Functional Diversity of DEAD-Box Proteins. <i>Journal of Molecular Biology</i> , 2011, 409, 399-414.	4.2	63
65	Small molecules that target group II introns are potent antifungal agents. <i>Nature Chemical Biology</i> , 2018, 14, 1073-1078.	8.0	61
66	Structural insights into RNA splicing. <i>Current Opinion in Structural Biology</i> , 2009, 19, 260-266.	5.7	60
67	Sequence Specificity of a Group II Intron Ribozyme: Multiple Mechanisms for Promoting Unusually High Discrimination against Mismatched Targets. <i>Biochemistry</i> , 1998, 37, 3839-3849.	2.5	59
68	The NS4A Protein of Hepatitis C Virus Promotes RNA-Coupled ATP Hydrolysis by the NS3 Helicase. <i>Journal of Virology</i> , 2009, 83, 3268-3275.	3.4	59
69	Duplex RNA activated ATPases (DRAs). <i>RNA Biology</i> , 2013, 10, 111-120.	3.1	59
70	More than one way to splice an RNA: Branching without a bulge and splicing without branching in group II introns. <i>Rna</i> , 1998, 4, 1186-1202.	3.5	58
71	A folding control element for tertiary collapse of a group II intron ribozyme. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 37-44.	8.2	58
72	Group II intron ribozymes that cleave DNA and RNA linkages with similar efficiency, and lack contacts with substrate 2'-hydroxyl groups. <i>Chemistry and Biology</i> , 1995, 2, 761-770.	6.0	56

#	ARTICLE	IF	CITATIONS
73	Semiautomated model building for RNA crystallography using a directed rotameric approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8177-8182.	7.1	54
74	Protein-Facilitated Folding of Group II Intron Ribozymes. <i>Journal of Molecular Biology</i> , 2010, 397, 799-813.	4.2	54
75	High resolution footprinting of EcoRI and distamycin with Rh(phi)2(bpy)3+, a new photofootprinting reagent. <i>Nucleic Acids Research</i> , 1989, 17, 10259-10279.	14.5	52
76	The Thermodynamic Basis for Viral RNA Detection by the RIG-I Innate Immune Sensor. <i>Journal of Biological Chemistry</i> , 2012, 287, 42564-42573.	3.4	52
77	Establishing the role of ATP for the function of the RIG-I innate immune sensor. <i>ELife</i> , 2015, 4, .	6.0	52
78	Structural Insights into the Mechanism of Group II Intron Splicing. <i>Trends in Biochemical Sciences</i> , 2017, 42, 470-482.	7.5	50
79	[10] Using DNazylines to cut, process, and map RNA molecules for structural studies or modification. <i>Methods in Enzymology</i> , 2000, 317, 140-146.	1.0	49
80	Group II Intron Folding under Near-physiological Conditions: Collapsing to the Near-native State. <i>Journal of Molecular Biology</i> , 2007, 366, 1099-1114.	4.2	49
81	Native Purification and Analysis of Long RNAs. <i>Methods in Enzymology</i> , 2015, 558, 3-37.	1.0	49
82	Structural basis for IL-1 β recognition by a modified DNA aptamer that specifically inhibits IL-1 β signaling. <i>Nature Communications</i> , 2017, 8, 810.	12.8	49
83	RNA folding. <i>Current Opinion in Structural Biology</i> , 1995, 5, 303-310.	5.7	48
84	A Kinetic Intermediate that Regulates Proper Folding of a Group II Intron RNA. <i>Journal of Molecular Biology</i> , 2008, 375, 572-580.	4.2	48
85	Regional Differences in Airway Epithelial Cells Reveal Tradeoff between Defense against Oxidative Stress and Defense against Rhinovirus. <i>Cell Reports</i> , 2018, 24, 3000-3007.e3.	6.4	46
86	Phylogenetic Analysis with Improved Parameters Reveals Conservation in lncRNA Structures. <i>Journal of Molecular Biology</i> , 2019, 431, 1592-1603.	4.2	46
87	Sequencing and Structure Probing of Long RNAs Using MarathonRT: A Next-Generation Reverse Transcriptase. <i>Journal of Molecular Biology</i> , 2020, 432, 3338-3352.	4.2	46
88	The Pathway for DNA Recognition and RNA Integration by a Group II Intron Retrotransposon. <i>Molecular Cell</i> , 2003, 11, 795-805.	9.7	45
89	Robust Translocation Along a Molecular Monorail: the NS3 Helicase from Hepatitis C Virus Traverses Unusually Large Disruptions in its Track. <i>Journal of Molecular Biology</i> , 2006, 358, 974-982.	4.2	45
90	Establishing a Mechanistic Basis for the Large Kinetic Steps of the NS3 Helicase. <i>Journal of Biological Chemistry</i> , 2009, 284, 2512-2521.	3.4	44

#	ARTICLE	IF	CITATIONS
91	Crystal structure of a group II intron in the pre-catalytic state. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 555-557.	8.2	44
92	The Acidic Domain of Hepatitis C Virus NS4A Contributes to RNA Replication and Virus Particle Assembly. <i>Journal of Virology</i> , 2011, 85, 1193-1204.	3.4	43
93	Parts, assembly and operation of the RIG-I family of motors. <i>Current Opinion in Structural Biology</i> , 2014, 25, 25-33.	5.7	43
94	RIG-I Selectively Discriminates against 5'-Monophosphate RNA. <i>Cell Reports</i> , 2019, 26, 2019-2027.e4.	6.4	43
95	A Group II Intron Inserted into a Bacterial Heat-Shock Operon Shows Autocatalytic Activity and Unusual Thermostability. <i>Biochemistry</i> , 2003, 42, 3409-3418.	2.5	42
96	Now on display: a gallery of group II intron structures at different stages of catalysis. <i>Mobile DNA</i> , 2013, 4, 14.	3.6	41
97	Guiding ribozyme cleavage through motif recognition: the mechanism of cleavage site selection by a group II intron ribozyme. <i>Journal of Molecular Biology</i> , 2001, 306, 655-668.	4.2	39
98	Principles of ion recognition in RNA: insights from the group II intron structures. <i>Rna</i> , 2014, 20, 516-527.	3.5	38
99	An evolving arsenal: viral RNA detection by RIG-I-like receptors. <i>Current Opinion in Microbiology</i> , 2014, 20, 76-81.	5.1	38
100	Linking the group II intron catalytic domains: tertiary contacts and structural features of domain 3. <i>EMBO Journal</i> , 2005, 24, 3906-3916.	7.8	37
101	Domains 2 and 3 Interact to Form Critical Elements of the Group II Intron Active Site. <i>Journal of Molecular Biology</i> , 2003, 330, 197-209.	4.2	36
102	Branch-site selection in a group II intron mediated by active recognition of the adenine amino group and steric exclusion of non-adenine functionalities. <i>Journal of Molecular Biology</i> , 1997, 267, 163-171.	4.2	35
103	RNA helicases and remodeling proteins. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 636-642.	6.1	35
104	The GANC Tetraloop: A Novel Motif in the Group IIC Intron Structure. <i>Journal of Molecular Biology</i> , 2008, 383, 475-481.	4.2	31
105	Visualizing group II intron dynamics between the first and second steps of splicing. <i>Nature Communications</i> , 2020, 11, 2837.	12.8	31
106	Dual roles for the Mss116 cofactor during splicing of the ai5 ¹³ group II intron. <i>Nucleic Acids Research</i> , 2010, 38, 6602-6609.	14.5	30
107	Three essential and conserved regions of the group II intron are proximal to the 5'-splice site. <i>Rna</i> , 2008, 14, 11-24.	3.5	29
108	Group II introns: highly specific endonucleases with modular structures and diverse catalytic functions. <i>Methods</i> , 2002, 28, 323-335.	3.8	27

#	ARTICLE	IF	CITATIONS
109	A map of the binding site for catalytic domain 5 in the core of a group II intron ribozyme. <i>EMBO Journal</i> , 1998, 17, 7105-7117.	7.8	26
110	The Receptor for Branch-Site Docking within a Group II Intron Active Site. <i>Molecular Cell</i> , 2006, 23, 831-840.	9.7	26
111	Discrete RNA Libraries from Pseudo-Torsional Space. <i>Journal of Molecular Biology</i> , 2012, 421, 6-26.	4.2	26
112	Choosing between DNA and RNA: the polymer specificity of RNA helicase NPH-II. <i>Nucleic Acids Research</i> , 2005, 33, 644-649.	14.5	25
113	The RIG-I ATPase core has evolved a functional requirement for allosteric stabilization by the Pincer domain. <i>Nucleic Acids Research</i> , 2014, 42, 11601-11611.	14.5	23
114	Crystal structure of group II intron domain 1 reveals a template for RNA assembly. <i>Nature Chemical Biology</i> , 2015, 11, 967-972.	8.0	23
115	Antagonistic substrate binding by a group II intron ribozyme. <i>Journal of Molecular Biology</i> , 1999, 291, 15-27.	4.2	21
116	A new way to see RNA. <i>Quarterly Reviews of Biophysics</i> , 2011, 44, 433-466.	5.7	21
117	Double-stranded RNA-dependent ATPase DRH-3. <i>Journal of Biological Chemistry</i> , 2010, 285, 25363-25371.	3.4	20
118	The group II intron maturase: a reverse transcriptase and splicing factor go hand in hand. <i>Current Opinion in Structural Biology</i> , 2017, 47, 30-39.	5.7	19
119	The NPH-II Helicase Displays Efficient DNA-RNA Helicase Activity and a Pronounced Purine Sequence Bias. <i>Journal of Biological Chemistry</i> , 2010, 285, 11692-11703.	3.4	17
120	Solving nucleic acid structures by molecular replacement: examples from group II intron studies. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2174-2185.	2.5	17
121	Predicted group II intron lineages E and F comprise catalytically active ribozymes. <i>Rna</i> , 2013, 19, 1266-1278.	3.5	16
122	A conserved element that stabilizes the group II intron active site. <i>Rna</i> , 2008, 14, 1048-1056.	3.5	15
123	Visualizing the $\alpha 5^{13}$ group IIB intron. <i>Nucleic Acids Research</i> , 2014, 42, 1947-1958.	14.5	15
124	Selective RNA targeting and regulated signaling by RIG-I is controlled by coordination of RNA and ATP binding. <i>Nucleic Acids Research</i> , 2016, 45, gkw816.	14.5	15
125	RIG-I Recognition of RNA Targets: The Influence of Terminal Base Pair Sequence and Overhangs on Affinity and Signaling. <i>Cell Reports</i> , 2019, 29, 3807-3815.e3.	6.4	15
126	Inside an intron invasion. <i>Nature</i> , 1996, 381, 280-281.	27.8	14

#	ARTICLE	IF	CITATIONS
127	The linear form of a group II intron catalyzes efficient autocatalytic reverse splicing, establishing a potential for mobility. <i>Rna</i> , 2009, 15, 473-482.	3.5	14
128	The 2'-OH group at the group II intron terminus acts as a proton shuttle. <i>Nature Chemical Biology</i> , 2010, 6, 218-224.	8.0	14
129	Dicer-related helicase 3 forms an obligate dimer for recognizing 22G-RNA. <i>Nucleic Acids Research</i> , 2014, 42, 3919-3930.	14.5	14
130	Looking at LncRNAs with the Ribozyme Toolkit. <i>Molecular Cell</i> , 2014, 56, 13-17.	9.7	13
131	Noncoding RNAs: biology and applications—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 118-141.	3.8	13
132	NS3 from Hepatitis C Virus Strain JFH-1 Is an Unusually Robust Helicase That Is Primed To Bind and Unwind Viral RNA. <i>Journal of Virology</i> , 2018, 92, .	3.4	12
133	The Brace for a Growing Scaffold: Mss116 Protein Promotes RNA Folding by Stabilizing an Early Assembly Intermediate. <i>Journal of Molecular Biology</i> , 2012, 422, 347-365.	4.2	11
134	Group II Introns and Their Protein Collaborators. <i>Springer Series in Biophysics</i> , 2009, , 167-182.	0.4	11
135	Evolving A RIG-I Antagonist: A Modified DNA Aptamer Mimics Viral RNA. <i>Journal of Molecular Biology</i> , 2021, 433, 167227.	4.2	10
136	Molecular Mechanics of RNA Translocases. <i>Methods in Enzymology</i> , 2012, 511, 131-147.	1.0	8
137	Small-Molecule Antagonists of the RIG-I Innate Immune Receptor. <i>ACS Chemical Biology</i> , 2020, 15, 311-317.	3.4	8
138	Direct tracking of reverse-transcriptase speed and template sensitivity: implications for sequencing and analysis of long RNA molecules. <i>Nucleic Acids Research</i> , 2022, 50, 6980-6989.	14.5	8
139	Capping by Branching: A New Ribozyme Makes Tiny Lariats. <i>Science</i> , 2005, 309, 1530-1531.	12.6	7
140	The <i>In Vivo</i> and <i>In Vitro</i> Architecture of the Hepatitis C Virus RNA Genome Uncovers Functional RNA Secondary and Tertiary Structures. <i>Journal of Virology</i> , 2022, 96, e0194621.	3.4	7
141	Nucleotide Analog Interference Mapping and Suppression: Specific Applications in Studies of RNA Tertiary Structure, Dynamic Helicase Mechanism and RNA-Protein Interactions. , 0, , 259-293.		6
142	Protein-Facilitated Ribozyme Folding and Catalysis. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 67-68.	0.3	5
143	How to Drive Your Helicase in a Straight Line. <i>Cell</i> , 2009, 139, 458-459.	28.9	4
144	AMIGOS III: pseudo-torsion angle visualization and motif-based structure comparison of nucleic acids. <i>Bioinformatics</i> , 2022, 38, 2937-2939.	4.1	1

#	ARTICLE	IF	CITATIONS
145	Group II intron ribozymes: RNA machines that shape eukaryotic evolution. FASEB Journal, 2007, 21, A41.	0.5	0