

Andres Jäschke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4609934/publications.pdf>

Version: 2024-02-01

140
papers

5,509
citations

66343

42
h-index

95266

68
g-index

180
all docs

180
docs citations

180
times ranked

4630
citing authors

#	ARTICLE	IF	CITATIONS
1	Ein DNA-basierter exzitonischer Zweikomponenten-Schalter auf der Grundlage von Hochleistungs-Diarylethenen. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
2	A DNA-Based Two-Component Excitonic Switch Utilizing High-Performance Diarylethenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
3	<i>Staphylococcus aureus</i> Small RNAs Possess Dephospho-CoA 5'-Caps, but No CoAlation Marks. <i>Non-coding RNA</i> , 2022, 8, 46.	2.6	2
4	Aptamer-based proximity labeling guides covalent RNA modification. <i>Chemical Communications</i> , 2021, 57, 3480-3483.	4.1	1
5	Super-resolution RNA imaging using a rhodamine-binding aptamer with fast exchange kinetics. <i>Nature Biotechnology</i> , 2021, 39, 686-690.	17.5	76
6	Development of High-Performance Pyrimidine Nucleoside and Oligonucleotide Diarylethene Photoswitches. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8164-8173.	13.8	23
7	Development of High-Performance Pyrimidine Nucleoside and Oligonucleotide Diarylethene Photoswitches. <i>Angewandte Chemie</i> , 2021, 133, 8245-8254.	2.0	4
8	A Color-Shifting Near-Infrared Fluorescent Aptamer-Fluorophore Module for Live-Cell RNA Imaging. <i>Angewandte Chemie</i> , 2021, 133, 21611-21618.	2.0	4
9	A Color-Shifting Near-Infrared Fluorescent Aptamer-Fluorophore Module for Live-Cell RNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21441-21448.	13.8	19
10	Development of Red-Shifted and Fluorogenic Nucleoside and Oligonucleotide Diarylethene Photoswitches. <i>Chemistry - A European Journal</i> , 2021, 27, 17386-17394.	3.3	6
11	"Click-switch" one-step conversion of organic azides into photochromic diarylethenes for the generation of light-controlled systems. <i>Chemical Science</i> , 2021, 12, 11593-11603.	7.4	11
12	Optochemical control of transcription by the use of 7-deaza-adenosine-based diarylethenes. <i>Chemical Communications</i> , 2021, 57, 6596-6599.	4.1	12
13	Exploring the energy landscape of a SAM-I riboswitch. <i>Journal of Biological Physics</i> , 2021, 47, 371-386.	1.5	4
14	Covalently Functionalized DNA Duplexes and Quadruplexes as Hybrid Catalysts in an Enantioselective Friedel-Crafts Reaction. <i>Molecules</i> , 2020, 25, 3121.	3.8	6
15	Analysis of 5'-NAD capping of mRNAs in dormant spores of <i>Bacillus subtilis</i> . <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	6
16	Extensive 5'-surveillance guards against non-canonical NAD-caps of nuclear mRNAs in yeast. <i>Nature Communications</i> , 2020, 11, 5508.	12.8	28
17	Synthesis of 5'-Thiamine-Capped RNA. <i>Molecules</i> , 2020, 25, 5492.	3.8	8
18	Norbornadiene-bridged diarylethenes and their conversion into turn-off fluorescent photoswitches. <i>Chemical Communications</i> , 2020, 56, 7124-7127.	4.1	15

#	ARTICLE	IF	CITATIONS
19	The 5' NAD Cap of RNAIII Modulates Toxin Production in Staphylococcus aureus Isolates. Journal of Bacteriology, 2020, 202, .	2.2	25
20	A Novel NAD-RNA Decapping Pathway Discovered by Synthetic Light-Up NAD-RNAs. Biomolecules, 2020, 10, 513.	4.0	12
21	Confocal and Super-resolution Imaging of RNA in Live Bacteria Using a Fluorogenic Silicon Rhodamine-binding Aptamer. Bio-protocol, 2020, 10, e3603.	0.4	1
22	Photoswitchable Oligonucleotides Containing Different Diarylethene-Modified Nucleotides. ACS Omega, 2019, 4, 12125-12129.	3.5	13
23	Proximity-Driven Site-Specific and Covalent Labeling of Proteins with a TexasRed Fluorophore Reacting (ReacTR) Peptide Tag. Methods in Molecular Biology, 2019, 2008, 179-190.	0.9	0
24	SiRA: A Silicon Rhodamine-Binding Aptamer for Live-Cell Super-Resolution RNA Imaging. Journal of the American Chemical Society, 2019, 141, 7562-7571.	13.7	99
25	An All-Optical Excitonic Switch Operated in the Liquid and Solid Phases. ACS Nano, 2019, 13, 2986-2994.	14.6	34
26	YvcI from Bacillus subtilis has in vitro RNA pyrophosphohydrolase activity. Journal of Biological Chemistry, 2019, 294, 19967-19977.	3.4	4
27	The multi-state energy landscape of the SAM-I riboswitch: A single-molecule Förster resonance energy transfer spectroscopy study. Journal of Chemical Physics, 2018, 148, 123324.	3.0	10
28	Visualizing RNA in Live Bacterial Cells Using Fluorophore- and Quencher-Binding Aptamers. Methods in Molecular Biology, 2018, 1649, 289-304.	0.9	4
29	NAD-modifizierte RNA: Redox - biochemie trifft RNA-Prozessierung. BioSpektrum, 2018, 24, 680-683.	0.0	0
30	Site-specific one-pot triple click labeling for DNA and RNA. Chemical Communications, 2018, 54, 11781-11784.	4.1	29
31	Energy Landscape Analysis of the Full-Length SAM-I Riboswitch using Single-Molecule FRET Spectroscopy. Biophysical Journal, 2018, 114, 684a-685a.	0.5	0
32	Epitranscriptomics: RNA Modifications in Bacteria and Archaea. , 2018, , 399-420.		3
33	Epitranscriptomics: RNA Modifications in Bacteria and Archaea. Microbiology Spectrum, 2018, 6, .	3.0	33
34	SRB-2: a promiscuous rainbow aptamer for live-cell RNA imaging. Nucleic Acids Research, 2018, 46, e110-e110.	14.5	55
35	Ultrafast ring closing of a diarylethene-based photoswitchable nucleoside. Physical Chemistry Chemical Physics, 2018, 20, 22867-22876.	2.8	8
36	Identification, Biosynthesis, and Decapping of NAD-Capped RNAs in B. Subtilis. Cell Reports, 2018, 24, 1890-1901.e8.	6.4	61

#	ARTICLE	IF	CITATIONS
37	Catalysis of Michael Additions by Covalently Modified Gâ€Quadruplex DNA. Chemistry - A European Journal, 2017, 23, 12162-12170.	3.3	26
38	Capture and sequencing of NAD-capped RNA sequences with NAD captureSeq. Nature Protocols, 2017, 12, 122-149.	12.0	61
39	Single-molecule FRET reveals the energy landscape of the full-length SAM-I riboswitch. Nature Chemical Biology, 2017, 13, 1172-1178.	8.0	47
40	Frontispiece: Catalysis of Michael Additions by Covalently Modified Gâ€Quadruplex DNA. Chemistry - A European Journal, 2017, 23, .	3.3	0
41	Boronate affinity electrophoresis for the purification and analysis of cofactor-modified RNAs. Methods, 2017, 117, 14-20.	3.8	43
42	The role of alkyl substituents in deazaadenine-based diarylethene photoswitches. Beilstein Journal of Organic Chemistry, 2016, 12, 1103-1110.	2.2	21
43	A surprise beginning for RNA. Nature, 2016, 535, 359-360.	27.8	9
44	Structure and function of the bacterial decapping enzyme NudC. Nature Chemical Biology, 2016, 12, 730-734.	8.0	74
45	Cap-like structures in bacterial RNA and epitranscriptomic modification. Current Opinion in Microbiology, 2016, 30, 44-49.	5.1	49
46	Synthesis of 5â€ ² -NAD-Capped RNA. Bioconjugate Chemistry, 2016, 27, 874-877.	3.6	23
47	The reverse transcription signature of <i>N</i> ¹ -methyladenosine in RNA-Seq is sequence dependent. Nucleic Acids Research, 2015, 43, gkv895.	14.5	163
48	Unravelling RNAâ€Substrate Interactions in a Ribozymeâ€Catalysed Reaction Using Fluorescent Turnâ€On Probes. Chemistry - A European Journal, 2015, 21, 5864-5871.	3.3	1
49	Tuning the Stereoselectivity of a DNAâ€Catalyzed Michael Addition through Covalent Modification. Angewandte Chemie - International Edition, 2015, 54, 11279-11282.	13.8	58
50	Intermolecular 'cross-torque': the N4-cytosine propargyl residue is rotated to the 'CH'-edge as a result of Watson-Crick interaction. Nucleic Acids Research, 2015, 43, 5275-5283.	14.5	5
51	Proximity-Induced Covalent Labeling of Proteins with a Reactive Fluorophore-Binding Peptide Tag. Bioconjugate Chemistry, 2015, 26, 1466-1469.	3.6	19
52	Nucleotidyl transferase assisted DNA labeling with different click chemistries. Nucleic Acids Research, 2015, 43, e110-e110.	14.5	42
53	Dual-colour imaging of RNAs using quencher- and fluorophore-binding aptamers. Nucleic Acids Research, 2015, 43, gkv718.	14.5	68
54	Toxicity of teriflunomide in aryl hydrocarbon receptor deficient mice. Biochemical Pharmacology, 2015, 98, 484-492.	4.4	8

#	ARTICLE	IF	CITATIONS
55	Ultrafast Time-Resolved Spectroscopy of Diarylethene-Based Photoswitchable Deoxyuridine Nucleosides. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4717-4721.	4.6	24
56	NAD captureSeq indicates NAD as a bacterial cap for a subset of regulatory RNAs. <i>Nature</i> , 2015, 519, 374-377.	27.8	218
57	Holo-APP and G-protein-mediated signaling are required for sAPP β -induced activation of the Akt survival pathway. <i>Cell Death and Disease</i> , 2014, 5, e1391-e1391.	6.3	67
58	Antimicrobial Activity of Water-Soluble Triazole Phenazine Clickamers against <i>E. coli</i> . <i>Chemistry - A European Journal</i> , 2014, 20, 719-723.	3.3	5
59	Phosphine-Free Stille-Migita Chemistry for the Mild and Orthogonal Modification of DNA and RNA. <i>Chemistry - A European Journal</i> , 2014, 20, 16613-16619.	3.3	37
60	Next-generation sequencing reveals how RNA catalysts evolve from random space. <i>Nucleic Acids Research</i> , 2014, 42, 1303-1310.	14.5	31
61	Complex RNA Folding Kinetics Revealed by Single-Molecule FRET and Hidden Markov Models. <i>Journal of the American Chemical Society</i> , 2014, 136, 4534-4543.	13.7	84
62	A modified dinucleotide for site-specific RNA-labelling by transcription priming and click chemistry. <i>Chemical Communications</i> , 2014, 50, 1313-1316.	4.1	36
63	RNA-peptide conjugate synthesis by inverse-electron demand Diels-Alder reaction. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4701-4707.	2.8	17
64	Universal Aptamer-Based Real-Time Monitoring of Enzymatic RNA Synthesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 13692-13694.	13.7	61
65	Single-Molecule FRET Studies of RNA Folding: A Diels-Alderase Ribozyme with Photolabile Nucleotide Modifications. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12800-12806.	2.6	8
66	An RNA catalyst that reacts with a mechanistic inhibitor of serine proteases. <i>Chemical Science</i> , 2013, 4, 957-964.	7.4	12
67	Synthesis and enzymatic incorporation of norbornene-modified nucleoside triphosphates for Diels-Alder bioconjugation. <i>RSC Advances</i> , 2013, 3, 4181.	3.6	12
68	Photochromism of Diarylethene-Functionalized 7-Deazaguanosines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2766-2769.	2.4	29
69	Nucleoside-Based Diarylethene Photoswitches and Their Facile Incorporation into Photoswitchable DNA. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3186-3190.	13.8	117
70	Microscale thermophoresis provides insights into mechanism and thermodynamics of ribozyme catalysis. <i>RNA Biology</i> , 2013, 10, 1815-1821.	3.1	18
71	Contact-Mediated Quenching for RNA Imaging in Bacteria with a Fluorophore-Binding Aptamer. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13401-13404.	13.8	114
72	Direct structural analysis of modified RNA by fluorescent in-line probing. <i>Nucleic Acids Research</i> , 2012, 40, 861-870.	14.5	24

#	ARTICLE	IF	CITATIONS
73	An on-bead tailing/ligation approach for sequencing resin-bound RNA libraries. <i>Nucleic Acids Research</i> , 2012, 40, e68-e68.	14.5	2
74	Site-specific terminal and internal labeling of RNA by poly(A) polymerase tailing and copper-catalyzed or copper-free strain-promoted click chemistry. <i>Nucleic Acids Research</i> , 2012, 40, e78-e78.	14.5	104
75	PEG-tethered guanosine acetal conjugates for the enzymatic synthesis of modified RNA. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1224-1226.	2.1	2
76	Site-Specific One-Pot Dual Labeling of DNA by Orthogonal Cycloaddition Chemistry. <i>Bioconjugate Chemistry</i> , 2012, 23, 1382-1386.	3.6	102
77	Three critical hydrogen bonds determine the catalytic activity of the Diels-Alderase ribozyme. <i>Nucleic Acids Research</i> , 2012, 40, 1318-1330.	14.5	16
78	Stereoselection in the diels-Alderase ribozyme: A molecular dynamics study. <i>Journal of Computational Chemistry</i> , 2012, 33, 1603-1614.	3.3	6
79	Genetically encoded RNA photoswitches as tools for the control of gene expression. <i>FEBS Letters</i> , 2012, 586, 2106-2111.	2.8	24
80	Inverse electron-demand Diels-Alder reactions for the selective and efficient labeling of RNA. <i>Chemical Communications</i> , 2011, 47, 12536.	4.1	64
81	Biochemie 2010. <i>Nachrichten Aus Der Chemie</i> , 2011, 59, 297-318.	0.0	0
82	Radioactive Phosphorylation of Alcohols to Monitor Biocatalytic Diels-Alder Reactions. <i>PLoS ONE</i> , 2011, 6, e21391.	2.5	3
83	APP and APLP2 are essential at PNS and CNS synapses for transmission, spatial learning and LTP. <i>EMBO Journal</i> , 2011, 30, 2266-2280.	7.8	157
84	APP and APLP2 are essential at PNS and CNS synapses for transmission, spatial learning and LTP. <i>EMBO Journal</i> , 2011, 30, 2306-2306.	7.8	3
85	Isolation and characterization of fluorescence-enhancing RNA tags. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1041-1047.	3.0	11
86	Post-Synthetic Modification of DNA by Inverse-Electron-Demand Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 8846-8847.	13.7	179
87	Dynamics of the Catalytic Pocket of a Diels-Alder Ribozyme. <i>Biophysical Journal</i> , 2010, 98, 263a.	0.5	0
88	Magnesium-Dependent Active-Site Conformational Selection in the Diels-Alderase Ribozyme. <i>Journal of the American Chemical Society</i> , 2010, 132, 12587-12596.	13.7	17
89	Anthracene-BODIPY Dyads as Fluorescent Sensors for Biocatalytic Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 2646-2654.	13.7	67
90	Reversibly Photoswitchable Nucleosides: Synthesis and Photochromic Properties of Diarylethene-Functionalized 7-Deazaadenosine Derivatives. <i>Journal of the American Chemical Society</i> , 2010, 132, 8372-8377.	13.7	118

#	ARTICLE	IF	CITATIONS
91	Efficient photoactivation of a Diels-Alderase ribozyme. <i>Chemical Communications</i> , 2010, 46, 7975.	4.1	20
92	Allylic Amination by a DNA-Diene-Iridium(I) Hybrid Catalyst. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4426-4429.	13.8	119
93	Metal-Induced Folding of Diels-Alderase Ribozymes Studied by Static and Time-Resolved NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2009, 131, 6261-6270.	13.7	20
94	New theophylline-activated Diels-Alderase ribozymes by molecular engineering. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 288-292.	2.8	6
95	Probing the Active Site of a Diels-Alderase Ribozyme by Photoaffinity Cross-Linking. <i>Journal of the American Chemical Society</i> , 2008, 130, 8594-8595.	13.7	16
96	EXPLORING THE FOLDING FREE ENERGY LANDSCAPE OF SMALL RNA MOLECULES BY SINGLE-PAIR FRET RESONANCE ENERGY TRANSFER. <i>Biophysical Reviews and Letters</i> , 2008, 03, 439-457.	0.8	4
97	Mg ²⁺ -dependent folding of a Diels-Alderase ribozyme probed by single-molecule FRET analysis. <i>Nucleic Acids Research</i> , 2007, 35, 2047-2059.	14.5	79
98	Reversible site-specific tagging of enzymatically synthesized RNAs using aldehyde-hydrazine chemistry and protease-cleavable linkers. <i>Nucleic Acids Research</i> , 2007, 35, e25.	14.5	27
99	Characterizing multiple metal ion binding sites within a ribozyme by cadmium-induced EPR silencing. <i>HFSP Journal</i> , 2007, 1, 127-136.	2.5	36
100	DNA-Based Phosphane Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 2089-2095.	3.3	49
101	Time-resolved NMR studies of RNA folding. <i>Biopolymers</i> , 2007, 86, 360-383.	2.4	104
102	Catalytically Active RNA Molecules: Tools in Organic Chemistry. , 2006, , 210-227.		2
103	Atomic Force Microscopy and Anodic Voltammetry Characterization of a 49-Mer Diels-Alderase Ribozyme. <i>Analytical Chemistry</i> , 2006, 78, 8256-8264.	6.5	11
104	Universal initiator nucleotides for the enzymatic synthesis of 5'-amino- and 5'-thiol-modified RNA. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 887-892.	2.1	19
105	Organische Chemie 2005. <i>Nachrichten Aus Der Chemie</i> , 2006, 54, 241-264.	0.0	0
106	Control of Stereoselectivity in an Enzymatic Reaction by Backdoor Access. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2469-2472.	13.8	33
107	Controlling the rate of organic reactions: rational design of allosteric Diels-Alderase ribozymes. <i>Nucleic Acids Research</i> , 2006, 34, 5032-5038.	14.5	25
108	In Vitro Selection From Combinatorial Nucleic Acid Libraries. , 2005, 288, 379-390.		0

#	ARTICLE	IF	CITATIONS
109	Nucleic acid enzymes. <i>Current Opinion in Biotechnology</i> , 2005, 16, 614-21.	6.6	61
110	Structural basis for Diels-Alder ribozyme-catalyzed carbon-carbon bond formation. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 218-224.	8.2	183
111	Selection of ribozymes that catalyse multiple-turnover Diels-Alder cycloadditions by using in vitro compartmentalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16170-16175.	7.1	107
112	Toward the Selection of Ribozymes for 1,3-Dipolar Cycloaddition Reactions. <i>Journal of Molecular Evolution</i> , 2005, 61, 236-244.	1.8	3
113	Allosterically Activated Diels-Alder Catalysis by a Ribozyme. <i>Journal of the American Chemical Society</i> , 2005, 127, 10492-10493.	13.7	45
114	Efficient Preparation of Organic Substrate-RNA Conjugates via in Vitro Transcription. <i>Journal of the American Chemical Society</i> , 2005, 127, 9271-9276.	13.7	44
115	Architecture of a Diels-Alderase Ribozyme with a Preformed Catalytic Pocket. <i>Chemistry and Biology</i> , 2004, 11, 1217-1227.	6.0	48
116	Stereoselective Synthesis using Immobilized Diels-Alderase Ribozymes. <i>ChemBioChem</i> , 2003, 4, 1089-1092.	2.6	19
117	RNA Sex. <i>Chemistry and Biology</i> , 2003, 10, 1148-1150.	6.0	11
118	Characterization of an RNA Active Site: Interactions between a Diels-Alderase Ribozyme and Its Substrates and Products. <i>Journal of the American Chemical Society</i> , 2002, 124, 3238-3244.	13.7	106
119	Multifunctional dinucleotide analogs for the generation of complex RNA conjugates. <i>Tetrahedron</i> , 2001, 57, 1261-1268.	1.9	11
120	Detection of small organic analytes by fluorescing molecular switches. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 2521-2524.	3.0	73
121	Artificial ribozymes and deoxyribozymes. <i>Current Opinion in Structural Biology</i> , 2001, 11, 321-326.	5.7	68
122	Enantioselective Ribozyme Catalysis of a Bimolecular Cycloaddition Reaction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4576-4579.	13.8	138
123	Evolution of DNA and RNA as catalysts for chemical reactions. <i>Current Opinion in Chemical Biology</i> , 2000, 4, 257-262.	6.1	56
124	Synthesis, incorporation efficiency, and stability of disulfide bridged functional groups at RNA 5'-ends. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1317-1329.	3.0	52
125	Enantioselective Ribozyme Catalysis of a Bimolecular Cycloaddition Reaction This work was supported by the Deutsche Forschungsgemeinschaft (Grant no.: Ja 794/3-1) and the Bundesministerium für Bildung und Forschung (Grant no.: BEO 0311861). We thank Dr. S. Klumpp and Dr. S. Vohhoff (Noxxon Pharma AG, Berlin) for the synthesis of the L-ribozyme.. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4576-4579.	13.8	20
126	In Vitro Selected Oligonucleotides as Tools in Organic Chemistry. <i>Synlett</i> , 1999, 1999, 825-833.	1.8	13

#	ARTICLE	IF	CITATIONS
127	A small catalytic RNA motif with Diels-Alderase activity. <i>Chemistry and Biology</i> , 1999, 6, 167-176.	6.0	306
128	Ternary Conjugates of Guanosine Monophosphate as Initiator Nucleotides for the Enzymatic Synthesis of 5'-Modified RNAs. <i>Bioconjugate Chemistry</i> , 1999, 10, 371-378.	3.6	35
129	A novel carboxy-functionalized photocleavable dinucleotide analog for the selection of RNA catalysts. <i>Tetrahedron Letters</i> , 1998, 39, 6157-6158.	1.4	5
130	Catalysis of Organic Reactions by RNA. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1378-1381.	13.8	24
131	Catalysis of Organic Reactions by RNA—Strategies for the Selection of Catalytic RNAs. , 1998, , 179-190.		3
132	Libraries of Multifunctional RNA Conjugates for the Selection of New RNA Catalysts. <i>Bioconjugate Chemistry</i> , 1997, 8, 885-890.	3.6	30
133	Oligonucleotide-Poly(ethylene glycol) Conjugates: Synthesis, Properties, and Applications. <i>ACS Symposium Series</i> , 1997, , 265-283.	0.5	3
134	Site-specific modification of enzymatically synthesized RNA: Transcription initiation and Diels-Alder reaction. <i>Tetrahedron Letters</i> , 1997, 38, 7729-7732.	1.4	53
135	Synthesis and Analytical Characterization of RNA-Polyethylene Glycol Conjugates. <i>Nucleosides & Nucleotides</i> , 1996, 15, 1519-1529.	0.5	10
136	Hybridization-based affinity partitioning of nucleic acids using PEG-coupled oligonucleotides. <i>Nucleic Acids Research</i> , 1994, 22, 1880-1884.	14.5	13
137	Synthesis and properties of oligodeoxyribonucleotide—polyethylene glycol conjugates. <i>Nucleic Acids Research</i> , 1994, 22, 4810-4817.	14.5	80
138	Inclusion of fractionated release of nucleic acids using microcapsules made from plant cells. <i>Journal of Chromatography A</i> , 1992, 596, 165-171.	3.7	3
139	Chromatographic fractionation of nucleic acids using microcapsules made from plant cells. <i>Journal of Chromatography A</i> , 1991, 585, 57-65.	3.7	12
140	Structures and Mechanisms in Biological Systems. , 0, , 343-346.		0