

# Cynthia K Larive

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

164  
papers

5,705  
citations

41  
h-index

67  
g-index

176  
ext. papers

6,163  
ext. citations

5.7  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
164	Methods for Measuring Exchangeable Protons in Glycosaminoglycans. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2303, 349-364	1.4	
163	Absorptive transport of amino acids by the rat colon. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, G189-G202	5.1	9
162	TDCIPP exposure affects <i>Artemia franciscana</i> growth and osmoregulation. <i>Science of the Total Environment</i> , <b>2019</b> , 694, 133486	10.2	5
161	Metabolite biomarkers of chlorothalonil exposure in earthworms, coelomic fluid, and coelomocytes. <i>Science of the Total Environment</i> , <b>2019</b> , 681, 435-443	10.2	14
160	Evaluating sub-lethal stress from Roundup exposure in <i>Artemia franciscana</i> using H NMR and GC-MS. <i>Aquatic Toxicology</i> , <b>2019</b> , 212, 77-87	5.1	3
159	Investigation of the Amide Proton Solvent Exchange Properties of Glycosaminoglycan Oligosaccharides. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 4653-4662	3.4	2
158	Juice quality traits, potassium content, and <sup>1</sup> H NMR derived metabolites of 14 pomegranate cultivars. <i>Journal of Berry Research</i> , <b>2019</b> , 9, 209-225	2	5
157	Quantification of punicalagins in commercial preparations and pomegranate cultivars, by liquid chromatography-mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 4036-4042	4.3	7
156	Synthesis and Structure Reassignment of Malylglutamate, a Recently Discovered Earthworm Metabolite. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 417-421	4.9	1
155	<sup>1</sup> H NMR characterization of chitin tetrasaccharide in binary HO:DMSO solution: Evidence for anomeric end-effect propagation. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 129, 744-749	7.9	1
154	<sup>1</sup> H NMR-Based Identification of Intestinally Absorbed Metabolites by Ussing Chamber Analysis of the Rat Cecum. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4196-4202	7.8	3
153	Rice SUB1A constrains remodelling of the transcriptome and metabolome during submergence to facilitate post-submergence recovery. <i>Plant, Cell and Environment</i> , <b>2018</b> , 41, 721-736	8.4	40
152	Metabolic Profiling of Chloroacetanilide Herbicides in Earthworm Coelomic Fluid Using H NMR and GC-MS. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 2611-2622	5.6	13
151	Separation of ten phosphorylated mono- and disaccharides using HILIC and ion-pairing interactions. <i>Analytica Chimica Acta</i> , <b>2017</b> , 972, 102-110	6.6	18
150	<sup>1</sup> H NMR Metabolic Profiling of Earthworm ( <i>Eisenia fetida</i> ) Coelomic Fluid, Coelomocytes, and Tissue: Identification of a New Metabolite-Malylglutamate. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 3407-3418	5.6	15
149	Screening enoxaparin tetrasaccharide SEC fractions for 3-O-sulfo-N-sulfoglucosamine residues using [( <sup>1</sup> H),( <sup>15</sup> N)] HSQC NMR. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 1545-55	4.4	5
148	Solution-State ( <sup>17</sup> O) Quadrupole Central-Transition NMR Spectroscopy in the Active Site of Tryptophan Synthase. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1350-4	16.4	28

147	Solution-State <sup>17</sup> O Quadrupole Central-Transition NMR Spectroscopy in the Active Site of Tryptophan Synthase. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 1372-1376	3.6	4
146	Metabolic Impacts of Using Nitrogen and Copper-Regulated Promoters to Regulate Gene Expression in <i>Neurospora crassa</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 1899-908	3.2	11
145	Peak alignment of one-dimensional NMR spectra by means of an intensity fluctuation frequency difference (IFFD) segment-wise algorithm. <i>Analytical Methods</i> , <b>2015</b> , 7, 9673-9682	3.2	7
144	NMR spectroscopy for metabolomics and metabolic profiling. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 133-46	7.8	166
143	( <sup>1</sup> H and ( <sup>15</sup> N NMR Characterization of the Amine Groups of Heparan Sulfate Related Glucosamine Monosaccharides in Aqueous Solution. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6842-8	7.8	20
142	Occurrence of halogenated transformation products of selected pharmaceuticals and personal care products in secondary and tertiary treated wastewaters from southern California. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 2044-51	10.3	69
141	New compstatin peptides containing N-terminal extensions and non-natural amino acids exhibit potent complement inhibition and improved solubility characteristics. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 814-26	8.3	16
140	Methods for measuring exchangeable protons in glycosaminoglycans. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1229, 173-87	1.4	4
139	The interaction of enoxaparin and fondaparinux with calcium. <i>Carbohydrate Research</i> , <b>2014</b> , 384, 13-9	2.9	10
138	Characterization of distinct root and shoot responses to low-oxygen stress in <i>Arabidopsis</i> with a focus on primary C- and N-metabolism. <i>Plant, Cell and Environment</i> , <b>2014</b> , 37, 2366-80	8.4	54
137	Affinity capillary electrophoresis for the determination of binding affinities for low molecular weight heparins and antithrombin-III. <i>Electrophoresis</i> , <b>2014</b> , 35, 1469-77	3.6	8
136	( <sup>1</sup> H and ( <sup>13</sup> C NMR spectral assignments of halogenated transformation products of pharmaceuticals and related environmental contaminants. <i>Magnetic Resonance in Chemistry</i> , <b>2014</b> , 52, 310-7	2.1	7
135	Hydroxyl-proton hydrogen bonding in the heparin oligosaccharide Arixtra in aqueous solution. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 482-91	3.4	22
134	Anionic deep cavitands enable the adhesion of unmodified proteins at a membrane bilayer. <i>Soft Matter</i> , <b>2014</b> , 10, 9651-6	3.6	12
133	The Analytical Sciences Digital Library: a resource to promote active learning. <i>Reviews in Analytical Chemistry</i> , <b>2014</b> , 33, 1-9	2.3	6
132	<sup>1</sup> H NMR-based metabolomics methods for chemical genomics experiments. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1056, 225-39	1.4	5
131	NMR assignments and the acid-base characterization of the pomegranate ellagitannin punicalagin in the acidic pH-range. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 5807-16	4.4	18
130	VIZR--an automated chemometric technique for metabolic profiling. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 8409-17	4.4	3

129	Reversed-phase ion-pair ultra-high-performance-liquid chromatography-mass spectrometry for fingerprinting low-molecular-weight heparins. <i>Journal of Chromatography A</i> , <b>2013</b> , 1292, 201-10	4.5	24
128	Two Rumex species from contrasting hydrological niches regulate flooding tolerance through distinct mechanisms. <i>Plant Cell</i> , <b>2013</b> , 25, 4691-707	11.6	101
127	Comparison of GC-MS and NMR for metabolite profiling of rice subjected to submergence stress. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 898-909	5.6	88
126	Characterizing the microstructure of heparin and heparan sulfate using N-sulfoglucosamine 1H and 15N NMR chemical shift analysis. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 1247-55	7.8	30
125	Novel compstatin family peptides inhibit complement activation by drusen-like deposits in human retinal pigmented epithelial cell cultures. <i>Experimental Eye Research</i> , <b>2013</b> , 116, 96-108	3.7	23
124	A closer look at the nitrogen next door: 1H-15N NMR methods for glycosaminoglycan structural characterization. <i>Journal of Magnetic Resonance</i> , <b>2012</b> , 216, 169-74	3	18
123	Could smaller really be better? Current and future trends in high-resolution microcoil NMR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 402, 61-8	4.4	40
122	Determination of the binding epitope of lidocaine with AGP: minimizing the effects of nonspecific binding in saturation transfer difference experiments. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 402, 337-47	4.4	0
121	Diffusion-edited NMR spectra of heparin contaminants. <i>Analytical Methods</i> , <b>2012</b> , 4, 1168	3.2	3
120	Role of Undergraduate Research in an Excellent and Rigorous Undergraduate Chemistry Curriculum. <i>Journal of Chemical Education</i> , <b>2012</b> , 89, 7-9	2.4	28
119	Analytical and biological characterization of halogenated gemfibrozil produced through chlorination of wastewater. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 5583-9	10.3	41
118	Microcoil NMR study of the interactions between doxepin, $\beta$ -cyclodextrin, and acetate during capillary isotachopheresis. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 7099-106	7.8	12
117	Quantitative NMR for bioanalysis and metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 1165-79	4.4	141
116	Glycosaminoglycans: oligosaccharide analysis by liquid chromatography, capillary electrophoresis, and specific labeling. <i>Methods in Molecular Biology</i> , <b>2012</b> , 836, 131-44	1.4	8
115	Differential metabolic regulation governed by the rice SUB1A gene during submergence stress and identification of alanyl glycine by 1H NMR spectroscopy. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 320-30	5.6	52
114	Sulfamate proton solvent exchange in heparin oligosaccharides: evidence for a persistent hydrogen bond in the antithrombin-binding pentasaccharide Arixtra. <i>Glycobiology</i> , <b>2012</b> , 22, 1173-82	5.8	41
113	Synthesis and properties of metal-ligand complexes with endohedral amine functionality. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9430-42	5.1	58
112	Heparin characterization: challenges and solutions. <i>Annual Review of Analytical Chemistry</i> , <b>2011</b> , 4, 439-65	5.5	77

111	The efficient structure elucidation of minor components in heparin digests using microcoil NMR. <i>Carbohydrate Research</i> , <b>2011</b> , 346, 2244-54	2.9	14
110	Analysis and characterization of heparin impurities. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 527-39	4.4	84
109	NMR methods to monitor the enzymatic depolymerization of heparin. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 593-603	4.4	22
108	Understanding the effect of the counterion on the reverse-phase ion-pair high-performance liquid chromatography (RPIP-HPLC) resolution of heparin-related saccharide anomers. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 6762-9	7.8	17
107	The Analytical Sciences Digital Library: Your Online Resource for Teaching Instrumentation. <i>Journal of Chemical Education</i> , <b>2011</b> , 88, 375-377	2.4	7
106	Synopsis of the ACS CPT Fall 2009 Faculty Status Survey. <i>Journal of Chemical Education</i> , <b>2011</b> , 88, 11-13	2.4	0
105	Detection of the <sup>1</sup> H and <sup>15</sup> N NMR resonances of sulfamate groups in aqueous solution: a new tool for heparin and heparan sulfate characterization. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 8006-10	7.8	27
104	Getting to know the nitrogen next door: HNMBC measurements of amino sugars. <i>Journal of Magnetic Resonance</i> , <b>2011</b> , 209, 323-31	3	16
103	Use of <sup>1</sup> H nuclear magnetic resonance to measure intracellular metabolite levels during growth and asexual sporulation in <i>Neurospora crassa</i> . <i>Eukaryotic Cell</i> , <b>2011</b> , 10, 820-31		12
102	Insights into the mechanism of separation of heparin and heparan sulfate disaccharides by reverse-phase ion-pair chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 479-88	4.5	33
101	A comparison of metabolite extraction strategies for <sup>1</sup> H-NMR-based metabolic profiling using mature leaf tissue from the model plant <i>Arabidopsis thaliana</i> . <i>Magnetic Resonance in Chemistry</i> , <b>2009</b> , 47 Suppl 1, S147-56	2.1	46
100	Tissue-targeted metabolomics: biological considerations and application to doxorubicin-induced hepatic oxidative stress. <i>Metabolomics</i> , <b>2009</b> , 5, 219-228	4.7	10
99	Advances in the separation, sensitive detection, and characterization of heparin and heparan sulfate. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 393, 155-69	4.4	70
98	The Analytical Sciences Digital Library (ASDL). <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 395, 2425-2429	4.4	3
97	Epimerization of cypermethrin stereoisomers in alcohols. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 6938-43	5.7	24
96	Insights into the capillary electrophoresis separation of heparin disaccharides from nuclear magnetic resonance, pKa, and electrophoretic mobility measurements. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 7406-15	7.8	20
95	Characterization of heparin impurities with HPLC-NMR using weak anion exchange chromatography. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 10116-23	7.8	25
94	Selective mRNA translation coordinates energetic and metabolic adjustments to cellular oxygen deprivation and reoxygenation in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , <b>2008</b> , 56, 743-55	6.9	268

93	Probing the binding of propranolol enantiomers to alpha1-acid glycoprotein with ligand-detected NMR experiments. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 13581-7	3.4	11
92	New ACS Guidelines Approved by CPT. <i>Journal of Chemical Education</i> , <b>2008</b> , 85, 484	2.4	13
91	Ultrapformance ion-pair liquid chromatography coupled to electrospray time-of-flight mass spectrometry for compositional profiling and quantification of heparin and heparan sulfate. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 1297-306	7.8	60
90	Development of tissue-targeted metabonomics. Part 1. Analytical considerations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 46, 737-47	3.5	18
89	A picture is worth a thousand words: animations and simulations in the teaching of analytical science. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 71-5	4.4	11
88	NMR characterization of the host-guest inclusion complex between beta-cyclodextrin and doxepin. <i>Magnetic Resonance in Chemistry</i> , <b>2008</b> , 46, 838-45	2.1	33
87	Heterogeneity of depolymerized heparin SEC fractions: to pool or not to pool?. <i>Carbohydrate Research</i> , <b>2008</b> , 343, 2963-70	2.9	9
86	Separation and analysis of trace degradants in a pharmaceutical formulation using on-line capillary isotachopheresis-NMR. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 8446-53	7.8	26
85	Understanding chiral molecular micellar separations using steady-state fluorescence anisotropy, capillary electrophoresis, and NMR. <i>Langmuir</i> , <b>2007</b> , 23, 425-35	4	40
84	Arabidopsis P-glycoprotein19 participates in the inhibition of gravitropism by gravacin. <i>Chemistry and Biology</i> , <b>2007</b> , 14, 1366-76		117
83	Chemical genetic interrogation of natural variation uncovers a molecule that is glycoactivated. <i>Nature Chemical Biology</i> , <b>2007</b> , 3, 716-21	11.7	95
82	On-line NMR detection of microgram quantities of heparin-derived oligosaccharides and their structure elucidation by microcoil NMR. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 1707-16	4.4	25
81	The Analytical Sciences Digital Library: A Useful Resource for Active Learning. <i>ACS Symposium Series</i> , <b>2007</b> , 188-198	0.4	2
80	ABCs of teaching analytical sciences. Tips for effective poster presentations. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 385, 1347-9	4.4	4
79	Revising the quantitative analysis laboratory: what to keep? What to change?. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 386, 1191-4	4.4	3
78	Determination of the acid dissociation constant of the biosurfactant monorhamnolipid in aqueous solution by potentiometric and spectroscopic methods. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 7649-58	7.8	73
77	Visualizing ion electromigration during isotachopheretic separations with capillary isotachopheresis-NMR. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 7078-87	7.8	10
76	Use of NMR binding interaction mapping techniques to examine interactions of chiral molecules with molecular micelles. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 17359-69	3.4	36

75	An improved method for suppressing protein background in PFG NMR experiments to determine ligand diffusion coefficients in the presence of receptor. <i>Journal of Magnetic Resonance</i> , <b>2006</b> , 181, 327-30	3.0	8
74	Using Visible Spectrophotometers and pH Measurements To Study Speciation in a Guided-Inquiry Laboratory. <i>Journal of Chemical Education</i> , <b>2005</b> , 82, 1552	2.4	2
73	Concentration profiling in rat tissue by high-resolution magic-angle spinning NMR spectroscopy: investigation of a model drug. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 2978-84	7.8	15
72	Separation and analysis of nanomole quantities of heparin oligosaccharides using on-line capillary isotachopheresis coupled with NMR detection. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 5998-6003	7.8	27
71	Using NMR to Develop Insights into Electrokinetic Chromatography. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 254 A-263 A	7.8	25
70	Purification and physical-chemical properties of methanobactin: a chalkophore from <i>Methylosinus trichosporium</i> OB3b. <i>Biochemistry</i> , <b>2005</b> , 44, 5140-8	3.2	66
69	Fate and effects of enrofloxacin in aquatic systems under different light conditions. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 9140-6	10.3	78
68	Progress toward automated metabolic profiling of human serum: comparison of CPMG and gradient-filtered NMR analytical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 156-63	3.5	28
67	Tissue targeted metabonomics: metabolic profiling by microdialysis sampling and microcoil NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 38, 904-9	3.5	38
66	Insights into cyclodextrin interactions during sample stacking using capillary isotachopheresis with on-line microcoil NMR detection. <i>Magnetic Resonance in Chemistry</i> , <b>2005</b> , 43, 755-61	2.1	24
65	Graduate student internships: developing scientists with real-world experiences. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 381, 993-5	4.4	
64	Instruction in bioanalytical chemistry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 382, 855-6	4.4	7
63	Factors Affecting the Fate of Ciprofloxacin in Aquatic Field Systems. <i>Water, Air, and Soil Pollution</i> , <b>2005</b> , 161, 383-398	2.6	107
62	Methanobactin, a copper-acquisition compound from methane-oxidizing bacteria. <i>Science</i> , <b>2004</b> , 305, 1612-5	33.3	257
61	Analytical applications of NMR diffusion measurements. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 1405-7	4.4	33
60	Characterization of humic substances: implications for trihalomethane formation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 1579-86	4.4	31
59	Educational approaches for analytical science. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 1399-400	4.4	5
58	Digital resources to enhance instruction. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 379, 321-2	4.4	

57	1H high-resolution magic-angle spinning (HR-MAS) NMR analysis of ligand density on resins using a resin internal standard. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 380, 627-31	4.4	7
56	Problem-based learning in the analytical chemistry laboratory course. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 380, 357-9	4.4	12
55	Measuring ligand-protein binding using NMR diffusion experiments. <i>Concepts in Magnetic Resonance</i> , <b>2004</b> , 20A, 24-41		75
54	Applications of NMR spectroscopy in environmental science. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2004</b> , 45, 209-238	10.4	65
53	High-performance liquid chromatographic-nuclear magnetic resonance investigation of the isomerization ofalachlor-ethanesulfonic acid. <i>Journal of Chromatography A</i> , <b>2004</b> , 1022, 131-7	4.5	10
52	Epitope mapping and competitive binding of HSA drug site II ligands by NMR diffusion measurements. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 14258-66	16.4	39
51	Quantitative Analysis in Organic Synthesis with NMR Spectroscopy <b>2004</b> , 1-36		
50	A mechanistic study of danazol dissolution in ionic surfactant solutions. <i>Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 92, 424-35	3.9	44
49	NMR diffusion analysis of surfactant-humic substance interactions. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 261, 508-13	9.3	38
48	Separations coupled with NMR detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2003</b> , 22, 766-775	14.6	29
47	Transferred nuclear overhauser effect in nuclear magnetic resonance diffusion measurements of ligand-protein binding. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 627-34	7.8	32
46	Nutrient level, microbial activity, andalachlor transformation in aerobic aquatic systems. <i>Water Research</i> , <b>2003</b> , 37, 4761-9	12.5	28
45	LC/MS/MS and LC/NMR for the Structure Elucidation of Ciprofloxacin Transformation Products in Pond Water Solution. <i>ACS Symposium Series</i> , <b>2003</b> , 146-160	0.4	3
44	Effects of three pharmaceutical and personal care products on natural freshwater algal assemblages. <i>Environmental Science &amp; Technology</i> , <b>2003</b> , 37, 1713-9	10.3	267
43	19F diffusion NMR analysis of enzyme inhibitor binding. <i>Magnetic Resonance in Chemistry</i> , <b>2002</b> , 40, S98-S105	10.5	12
42	Analysis of protein/ligand interactions with NMR diffusion measurements: the importance of eliminating the protein background. <i>Journal of Magnetic Resonance</i> , <b>2002</b> , 155, 217-25	3	51
41	The 2D-J-DOSY experiment: resolving diffusion coefficients in mixtures. <i>Journal of Magnetic Resonance</i> , <b>2002</b> , 156, 138-45	3	64
40	Capillary isotachopheresis/NMR: extension to trace impurity analysis and improved instrumental coupling. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 2306-13	7.8	51



39	Analysis of molecular square size and purity via pulsed-field gradient NMR spectroscopy. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6172-4	5.1	38
38	Insights into the cITP process using on-line NMR spectroscopy. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 4191-7	7.8	32
37	<sup>1</sup> H NMR characterization of the product from single solid-phase resin beads using capillary NMR flow probes. <i>Journal of Magnetic Resonance</i> , <b>2001</b> , 153, 215-22	3	21
36	Improved spin-echo-edited NMR diffusion measurements. <i>Journal of Magnetic Resonance</i> , <b>2001</b> , 153, 273-6	3	39
35	Correlation of the capacity factor in vesicular electrokinetic chromatography with the octanol:water partition coefficient for charged and neutral analytes. <i>Pharmaceutical Research</i> , <b>2001</b> , 18, 104-11	4.5	22
34	Measurement of cadmium(II) and calcium(II) complexation by fulvic acids using <sup>113</sup> Cd NMR. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 1463-8	10.3	35
33	Examination of cadmium(II) complexation by the Suwannee River fulvic acid using <sup>113</sup> Cd NMR relaxation measurements. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 4900-4	10.3	22
32	Diffusion Coefficients and Polydispersities of the Suwannee River Fulvic Acid: Comparison of Fluorescence Correlation Spectroscopy, Pulsed-Field Gradient Nuclear Magnetic Resonance, and Flow Field-Flow Fractionation. <i>Environmental Science &amp; Technology</i> , <b>2000</b> , 34, 3508-3513	10.3	133
31	Sources and Haloacetic Acid/Trihalomethane Formation Potentials of Aquatic Humic Substances in the Wakarusa River and Clinton Lake near Lawrence, Kansas. <i>Environmental Science &amp; Technology</i> , <b>2000</b> , 34, 4278-4286	10.3	23
30	Analysis of diffusion coefficient distributions in humic and fulvic acids by means of diffusion ordered NMR spectroscopy. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 5315-21	7.8	61
29	Complementary Analysis of Peptide Aggregation by NMR and Time-Resolved Laser Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 2262-2269	3.4	11
28	NMR Investigation of the Interactions between 4-Fluoro-1-Acetonaphthone and the Suwannee River Fulvic Acid. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 958-964	10.3	29
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