

# Robert E London

## 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.

208  
papers

5,452  
citations

42  
h-index

57  
g-index

213  
ext. papers

5,891  
ext. citations

6.2  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
208	Species variations in XRCC1 recruitment strategies for FHA domain-containing proteins.. <i>DNA Repair</i> , <b>2021</b> , 110, 103263	4.3	
207	Response to Letter to the Editor regarding "Comparison of phytochemical composition of Ginkgo biloba extracts using a combination of non-targeted and targeted analytical approaches". <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 7627-7629	4.4	
206	Phosphopeptide interactions of the Nbs1 N-terminal FHA-BRCT1/2 domains. <i>Scientific Reports</i> , <b>2021</b> , 11, 9046	4.9	2
205	Ligand binding characteristics of the Ku80 von Willebrand domain. <i>DNA Repair</i> , <b>2020</b> , 85, 102739	4.3	6
204	XRCC1 - Strategies for coordinating and assembling a versatile DNA damage response. <i>DNA Repair</i> , <b>2020</b> , 93, 102917	4.3	1
203	The Structural Basis for Nonsteroidal Anti-Inflammatory Drug Inhibition of Human Dihydrofolate Reductase. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 8314-8324	8.3	3
202	Comparison of phytochemical composition of Ginkgo biloba extracts using a combination of non-targeted and targeted analytical approaches. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 6789-6809	4.4	7
201	A Human IgE Antibody Binding Site on Der p 2 for the Design of a Recombinant Allergen for Immunotherapy. <i>Journal of Immunology</i> , <b>2019</b> , 203, 2545-2556	5.3	10
200	Multiple roles of Bet v 1 ligands in allergen stabilization and modulation of endosomal protease activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 2382-2393	9.3	20
199	HIV-1 Reverse Transcriptase: A Metamorphic Protein with Three Stable States. <i>Structure</i> , <b>2019</b> , 27, 420-426	9.6	11
198	Variations in nuclear localization strategies among pol X family enzymes. <i>Traffic</i> , <b>2018</b> , 19, 723	5.7	2
197	Mechanism of APTX nicked DNA sensing and pleiotropic inactivation in neurodegenerative disease. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	8
196	Transitions in DNA polymerase $\beta$ -ms dynamics related to substrate binding and catalysis. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 7309-7322	20.1	3
195	APE2 Zf-GRF facilitates 305Q resection of DNA damage following oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 304-309	11.5	28
194	DNA polymerase $\beta$ contains a functional nuclear localization signal at its N-terminus. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 1958-1970	20.1	9
193	Characterization of the APLF FHA-XRCC1 phosphopeptide interaction and its structural and functional implications. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 12374-12387	20.1	9
192	ZATT (ZNF451)-mediated resolution of topoisomerase 2 DNA-protein cross-links. <i>Science</i> , <b>2017</b> , 357, 1412-1416	33.3	76

191	Identification of drivers for the metamorphic transition of HIV-1 reverse transcriptase. <i>Biochemical Journal</i> , <b>2017</b> , 474, 3321-3338	3.8	5
190	A Structural Basis for Biguanide Activity. <i>Biochemistry</i> , <b>2017</b> , 56, 4786-4798	3.2	13
189	Are dust mite allergens more abundant and/or more stable than other Dermatophagoides pteronyssinus proteins?. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1030-1032.e1	11.5	10
188	Proteases of Dermatophagoides pteronyssinus. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	8
187	Enhanced Approaches for Identifying Amadori Products: Application to Peanut Allergens. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 1406-13	5.7	10
186	Unfolding the HIV-1 reverse transcriptase RNase H domain--how to lose a molecular tug-of-war. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 1776-88	20.1	8
185	Structural Maturation of HIV-1 Reverse Transcriptase-A Metamorphic Solution to Genomic Instability. <i>Viruses</i> , <b>2016</b> , 8,	6.2	10
184	A metabolomic, geographic, and seasonal analysis of the contribution of pollen-derived adenosine to allergic sensitization. <i>Metabolomics</i> , <b>2016</b> , 12, 1	4.7	8
183	Structure of Escherichia coli dGTP triphosphohydrolase: a hexameric enzyme with DNA effector molecules. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 10418-29	5.4	11
182	Analysis of glutathione S-transferase allergen cross-reactivity in a North American population: Relevance for molecular diagnosis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1369-1377	11.5	40
181	Nuclear Localization of the DNA Repair Scaffold XRCC1: Uncovering the Functional Role of a Bipartite NLS. <i>Scientific Reports</i> , <b>2015</b> , 5, 13405	4.9	23
180	The structural basis of XRCC1-mediated DNA repair. <i>DNA Repair</i> , <b>2015</b> , 30, 90-103	4.3	87
179	Asymmetric conformational maturation of HIV-1 reverse transcriptase. <i>ELife</i> , <b>2015</b> , 4,	8.9	16
178	Characterization of an anti-Bla g 1 scFv: epitope mapping and cross-reactivity. <i>Molecular Immunology</i> , <b>2014</b> , 59, 200-7	4.3	6
177	Substrate rescue of DNA polymerase $\beta$ containing a catastrophic L22P mutation. <i>Biochemistry</i> , <b>2014</b> , 53, 2413-22	3.2	8
176	IP6K structure and the molecular determinants of catalytic specificity in an inositol phosphate kinase family. <i>Nature Communications</i> , <b>2014</b> , 5, 4178	17.4	38
175	Characterization of the redox transition of the XRCC1 N-terminal domain. <i>Structure</i> , <b>2014</b> , 22, 1754-1763	5.2	5
174	Primary identification, biochemical characterization, and immunologic properties of the allergenic pollen cyclophilin cat R 1. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 21374-85	5.4	21

173	Selective unfolding of one Ribonuclease H domain of HIV reverse transcriptase is linked to homodimer formation. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 5361-77	20.1	21
172	Glycolysis and mitochondrial respiration in mouse LDHC-null sperm. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 95	3.9	46
171	XRCC1 interaction with the REV1 C-terminal domain suggests a role in post replication repair. <i>DNA Repair</i> , <b>2013</b> , 12, 1105-13	4.3	19
170	Preventing oxidation of cellular XRCC1 affects PARP-mediated DNA damage responses. <i>DNA Repair</i> , <b>2013</b> , 12, 774-85	4.3	35
169	Protein-mediated antagonism between HIV reverse transcriptase ligands nevirapine and MgATP. <i>Biophysical Journal</i> , <b>2013</b> , 104, 2695-705	2.9	5
168	The novel structure of the cockroach allergen Bla g 1 has implications for allergenicity and exposure assessment. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 132, 1420-6	11.5	54
167	Genomic, RNAseq, and molecular modeling evidence suggests that the major allergen domain in insects evolved from a homodimeric origin. <i>Genome Biology and Evolution</i> , <b>2013</b> , 5, 2344-58	3.9	14
166	Crystal structure of calmodulin binding domain of orai1 in complex with Ca <sup>2+</sup> calmodulin displays a unique binding mode. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 43030-41	5.4	52
165	Solution structure of the Dickerson DNA dodecamer containing a single ribonucleotide. <i>Biochemistry</i> , <b>2012</b> , 51, 2407-16	3.2	45
164	Kinetics of the oxidation of reduced Cu,Zn-superoxide dismutase by peroxymonocarbonate. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 589-94	7.8	14
163	Metal and ligand binding to the HIV-RNase H active site are remotely monitored by Ile556. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 10543-53	20.1	10
162	Metal-induced DNA translocation leads to DNA polymerase conformational activation. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 2974-83	20.1	28
161	Structural studies of the PARP-1 BRCT domain. <i>BMC Structural Biology</i> , <b>2011</b> , 11, 37	2.7	29
160	Lactate dehydrogenase C and energy metabolism in mouse sperm. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 556-64	3.9	76
159	Mutational and biochemical analysis of the DNA-entry nuclease EndA from <i>Streptococcus pneumoniae</i> . <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 623-34	20.1	19
158	Structural insights into catalytic and substrate binding mechanisms of the strategic EndA nuclease from <i>Streptococcus pneumoniae</i> . <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 2943-53	20.1	21
157	The structural basis for partitioning of the XRCC1/DNA ligase III-BRCT-mediated dimer complexes. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 7816-27	20.1	42
156	Der p 5 crystal structure provides insight into the group 5 dust mite allergens. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 25394-401	5.4	44

155	Oxidation state of the XRCC1 N-terminal domain regulates DNA polymerase beta binding affinity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6805-10	11.5	58
154	The structure of the dust mite allergen Der p 7 reveals similarities to innate immune proteins. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 125, 909-917.e4	11.5	89
153	Identification and functional characterization of a novel acetylcholine-binding protein from the marine annelid <i>Capitella teleta</i> . <i>Biochemistry</i> , <b>2010</b> , 49, 2279-87	3.2	23
152	Homodimerization of the p51 subunit of HIV-1 reverse transcriptase. <i>Biochemistry</i> , <b>2010</b> , 49, 2821-33	3.2	16
151	Conformational dependence of <sup>13</sup> C shielding and coupling constants for methionine methyl groups. <i>Journal of Biomolecular NMR</i> , <b>2010</b> , 48, 31-47	3	24
150	Solution structure of the Drosha double-stranded RNA-binding domain. <i>Silence: A Journal of RNA Regulation</i> , <b>2010</b> , 1, 2		24
149	NMR study of the effect of Zn on conformational activation of rat DNA polymerase $\beta$ . <i>FASEB Journal</i> , <b>2010</b> , 24, 876.6	0.9	
148	QUANTITATIVE EVALUATION OF $\beta$ -TURN CONFORMATION IN PROLINE-CONTAINING PEPTIDES USING <sup>13</sup> C N.M.R.. <i>International Journal of Peptide and Protein Research</i> , <b>2009</b> , 14, 377-387		14
147	Testing for cis-proline with $\beta$ -aminoisobutyric acid substitution. <i>International Journal of Peptide and Protein Research</i> , <b>2009</b> , 19, 334-342		10
146	Solution characterization of [methyl-( <sup>13</sup> C)]methionine HIV-1 reverse transcriptase by NMR spectroscopy. <i>Antiviral Research</i> , <b>2009</b> , 84, 205-14	10.8	16
145	Reaction mechanism of the epsilon subunit of E. coli DNA polymerase III: insights into active site metal coordination and catalytically significant residues. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 1550-6	16.4	52
144	Direct magnetic resonance evidence for peroxydicarbonate involvement in the Cu,Zn-superoxide dismutase peroxidase catalytic cycle. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 14618-27	5.4	21
143	A comparison of BRCT domains involved in nonhomologous end-joining: introducing the solution structure of the BRCT domain of polymerase lambda. <i>DNA Repair</i> , <b>2008</b> , 7, 1340-51	4.3	28
142	Dependence of amino acid side chain <sup>13</sup> C shifts on dihedral angle: application to conformational analysis. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11097-105	16.4	65
141	Ternary borate-nucleoside complex stabilization by ribonuclease A demonstrates phosphate mimicry. <i>Journal of Biological Inorganic Chemistry</i> , <b>2008</b> , 13, 207-17	3.7	9
140	Identification and Characterization of Ternary Complexes Using NMR Spectroscopy <b>2008</b> , 1347-1356		
139	Solution structure of polymerase mu BRCT Domain reveals an element essential for its role in nonhomologous end joining. <i>Biochemistry</i> , <b>2007</b> , 46, 12100-10	3.2	22
138	Crystal structure of a type II dihydrofolate reductase catalytic ternary complex. <i>Biochemistry</i> , <b>2007</b> , 46, 14878-88	3.2	29

137	NMR assignment of polymerase beta labeled with 2H, 13C, and 15N in complex with substrate DNA. <i>Biomolecular NMR Assignments</i> , <b>2007</b> , 1, 33-5	0.7	5
136	Targeted deletion of thioredoxin-interacting protein regulates cardiac dysfunction in response to pressure overload. <i>Circulation Research</i> , <b>2007</b> , 101, 1328-38	15.7	83
135	The nuclease a-inhibitor complex is characterized by a novel metal ion bridge. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 5682-90	5.4	23
134	NMR analysis of [methyl-13C]methionine UvrB from <i>Bacillus caldotenax</i> reveals UvrB-domain 4 heterodimer formation in solution. <i>Journal of Molecular Biology</i> , <b>2007</b> , 373, 282-95	6.5	23
133	Structure of the <i>Escherichia coli</i> DNA polymerase III epsilon-HOT proofreading complex. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 38466-71	5.4	29
132	NMR determination of lysine pKa values in the Pol lambda lyase domain: mechanistic implications. <i>Biochemistry</i> , <b>2006</b> , 45, 1785-94	3.2	18
131	Determination of lysine pK values using [5-13C]lysine: application to the lyase domain of DNA Pol beta. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8104-5	16.4	11
130	NMR and crystallographic characterization of adventitious borate binding by trypsin. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 300-8	6.3	22
129	Photoactivated h/d exchange in tyrosine: involvement of a radical anion intermediate. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 2268-75	16.4	8
128	NMR characterizations of an amyloidogenic conformational ensemble of the PI3K SH3 domain. <i>Protein Science</i> , <b>2006</b> , 15, 2552-7	6.3	14
127	A thymine isostere in the templating position disrupts assembly of the closed DNA polymerase beta ternary complex. <i>Biochemistry</i> , <b>2005</b> , 44, 15230-7	3.2	27
126	Structure-function studies of DNA polymerase lambda. <i>DNA Repair</i> , <b>2005</b> , 4, 1358-67	4.3	60
125	Estrogen receptor beta mediates gender differences in ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 38, 289-97	5.8	181
124	Calorimetric studies of ligand binding in R67 dihydrofolate reductase. <i>Biochemistry</i> , <b>2005</b> , 44, 12420-33	3.2	20
123	Introduction to Metabolomics and Metabolic Profiling <b>2005</b> , 299-340		
122	Structural insights into the mechanism of nuclease A, a betabeta alpha metal nuclease from <i>Anabaena</i> . <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27990-7	5.4	39
121	Nuclear magnetic resonance solution structure of the <i>Escherichia coli</i> DNA polymerase III theta subunit. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 7081-9	3.5	17
120	NvAssign: protein NMR spectral assignment with NMRView. <i>Bioinformatics</i> , <b>2004</b> , 20, 1201-3	7.2	15

119	NMR solution structure of the focal adhesion targeting domain of focal adhesion kinase in complex with a paxillin LD peptide: evidence for a two-site binding model. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 8441-51	5.4	63
118	Phage like it HOT: solution structure of the bacteriophage P1-encoded HOT protein, a homolog of the theta subunit of E. coli DNA polymerase III. <i>Structure</i> , <b>2004</b> , 12, 2221-31	5.2	12
117	Dynamic characterization of a DNA repair enzyme: NMR studies of [methyl-13C]methionine-labeled DNA polymerase beta. <i>Biochemistry</i> , <b>2004</b> , 43, 8911-22	3.2	50
116	Backbone dynamics of the RNase H domain of HIV-1 reverse transcriptase. <i>Biochemistry</i> , <b>2004</b> , 43, 9332-42	3.2	20
115	X-ray and NMR characterization of covalent complexes of trypsin, borate, and alcohols. <i>Biochemistry</i> , <b>2004</b> , 43, 2829-39	3.2	43
114	Male/female differences in intracellular Na <sup>+</sup> regulation during ischemia/reperfusion in mouse heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2004</b> , 37, 747-53	5.8	23
113	Metabolic transformation of AZTp4A by Ap4A hydrolase regenerates AZT triphosphate. <i>Antiviral Research</i> , <b>2003</b> , 58, 227-33	10.8	5
112	NMR assignment of protein side chains using residue-correlated labeling and NOE spectra. <i>Journal of Magnetic Resonance</i> , <b>2003</b> , 165, 237-47	3	2
111	NMR studies of the interaction of a type II dihydrofolate reductase with pyridine nucleotides reveal unexpected phosphatase and reductase activity. <i>Biochemistry</i> , <b>2003</b> , 42, 11150-60	3.2	20
110	Solution structure of the RNase H domain of the HIV-1 reverse transcriptase in the presence of magnesium. <i>Biochemistry</i> , <b>2003</b> , 42, 639-50	3.2	52
109	Solution structure of the lyase domain of human DNA polymerase lambda. <i>Biochemistry</i> , <b>2003</b> , 42, 9564-74	3.2	26
108	Elucidation of the epsilon-theta subunit interface of Escherichia coli DNA polymerase III by NMR spectroscopy. <i>Biochemistry</i> , <b>2003</b> , 42, 3635-44	3.2	29
107	Gender differences in sarcoplasmic reticulum calcium loading after isoproterenol. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 285, H2657-62	5.2	53
106	Ligand discovery using the inter-ligand Overhauser effect: horse liver alcohol dehydrogenase. <i>Biotechnology Letters</i> , <b>2002</b> , 24, 623-629	3	5
105	Formation of a trypsin-borate-4-aminobutanol ternary complex. <i>Biochemistry</i> , <b>2002</b> , 41, 5963-7	3.2	11
104	Model for the catalytic domain of the proofreading epsilon subunit of Escherichia coli DNA polymerase III based on NMR structural data. <i>Biochemistry</i> , <b>2002</b> , 41, 94-110	3.2	30
103	The nuclease A inhibitor represents a new variation of the rare PR-1 fold. <i>Journal of Molecular Biology</i> , <b>2002</b> , 320, 771-82	6.5	18
102	Protein NMR spin trapping with [methyl-13C(3)]-MNP: application to the tyrosyl radical of equine myoglobin. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 383-90	7.8	9

101	4-oxo-4H-quinolizine-3-carboxylic acids as Mg <sup>2+</sup> selective, fluorescent indicators. <i>Bioconjugate Chemistry</i> , <b>2001</b> , 12, 203-12	6.3	31
100	Development and evaluation of a boronate inhibitor of gamma-glutamyl transpeptidase. <i>Archives of Biochemistry and Biophysics</i> , <b>2001</b> , 385, 250-8	4.1	32
99	Reanalysis of the involvement of gamma-glutamyl transpeptidase in the cell activation process. <i>FEBS Letters</i> , <b>2001</b> , 508, 226-30	3.8	5
98	A new approach to the synthesis of APTRA indicators. <i>Bioconjugate Chemistry</i> , <b>2001</b> , 12, 76-83	6.3	16
97	Interligand Overhauser effects in type II dihydrofolate reductase. <i>Biochemistry</i> , <b>2001</b> , 40, 4242-52	3.2	39
96	Leukocyte-type 12-lipoxygenase-deficient mice show impaired ischemic preconditioning-induced cardioprotection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H1963-9	5.2	27
95	Aspirin acetylation of betaLys-82 of human hemoglobin. NMR study of acetylated hemoglobin Tsurumai. <i>Biochemical Pharmacology</i> , <b>2000</b> , 60, 917-22	6	11
94	LINEAGE BIOLOGY AND LIVER <b>2000</b> , 559-598a		6
93	Preconditioning enhanced glucose uptake is mediated by p38 MAP kinase not by phosphatidylinositol 3-kinase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 11981-6	5.4	66
92	Novel mechanism of surface catalysis of protein adduct formation. NMR studies of the acetylation of ubiquitin. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 31908-13	5.4	12
91	Acetylation of human hemoglobin by methyl acetylphosphate. Evidence of broad regio-selectivity revealed by NMR studies. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 26629-32	5.4	8
90	The inter-ligand Overhauser effect: a powerful new NMR approach for mapping structural relationships of macromolecular ligands. <i>Journal of Biomolecular NMR</i> , <b>1999</b> , 15, 71-6	3	54
89	NMR study of the sites of human hemoglobin acetylated by aspirin. <i>BBA - Proteins and Proteomics</i> , <b>1999</b> , 1432, 333-49		16
88	An NMR analysis of the reaction of ubiquitin with [acetyl-1- <sup>13</sup> C]aspirin. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 1233-44	6	22
87	Theoretical analysis of the inter-ligand overhauser effect: a new approach for mapping structural relationships of macromolecular ligands. <i>Journal of Magnetic Resonance</i> , <b>1999</b> , 141, 301-11	3	47
86	A preliminary CD and NMR study of the Escherichia coli DNA polymerase III theta subunit. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>1999</b> , 36, 111-6	4.2	6
85	Carbon-13 nuclear magnetic resonance study of metabolism of propionate by Escherichia coli. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 3562-70	3.5	28
84	<sup>19</sup> F NMR study of the uptake of 2Gfluoro-5-methyl-beta-L-arabinofuranosyluracil in erythrocytes: evidence of transport by facilitated and nonfacilitated pathways. <i>Biochemical Pharmacology</i> , <b>1998</b> , 55, 1611-9	6	5



83	Regulation of the Ca <sup>2+</sup> gradient across the sarcoplasmic reticulum in perfused rabbit heart. A 19F nuclear magnetic resonance study. <i>Circulation Research</i> , <b>1998</b> , 83, 898-907	15.7	54
82	Conformational selectivity of HIV-1 protease cleavage of X-Pro peptide bonds and its implications. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 15603-6	5.4	12
81	Cleavage of the X-Pro peptide bond by pepsin is specific for the trans isomer. <i>Biochemistry</i> , <b>1997</b> , 36, 13232-40	3.2	17
80	Decreased intracellular pH is not due to increased H <sup>+</sup> extrusion in preconditioned rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1997</b> , 273, H2257-62	5.2	15
79	Dynamic frequency shifts of complexed ligands: An NMR study of D--1-13C,1-2H-glucose complexed to the Escherichia coli periplasmic glucose/galactose receptor. <i>Journal of Magnetic Resonance</i> , <b>1997</b> , 128, 101-4	3	3
78	Mg <sup>2+</sup> and other polyvalent cations catalyze nucleotide fluorolysis. <i>Archives of Biochemistry and Biophysics</i> , <b>1996</b> , 334, 332-40	4.1	6
77	Dynamic frequency shift. <i>Concepts in Magnetic Resonance</i> , <b>1996</b> , 8, 325-338		34
76	Synthesis and Characterization of Two Improved NMR Indicators for Cytosolic Ca <sup>2+</sup> : 3FBAPTA and 35FBAPTA. <i>Magnetic Resonance in Chemistry</i> , <b>1996</b> , 34, 440-446	2.1	2
75	19F NMR relaxation studies on 5-fluorotryptophan- and tetradeutero-5-fluorotryptophan-labeled E. coli glucose/galactose receptor. <i>Journal of Biomolecular NMR</i> , <b>1996</b> , 7, 261-72	3	21
74	Measurement of Free Ca <sup>2+</sup> in Sarcoplasmic Reticulum in Perfused Rabbit Heart Loaded with 1,2-Bis(2-amino-5,6-difluorophenoxy)ethane-N,N,N',N'-tetraacetic Acid by 19F NMR. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 7398-7403	5.4	74
73	Fluorinated o-aminophenol derivatives for measurement of intracellular pH. <i>Bioconjugate Chemistry</i> , <b>1995</b> , 6, 77-81	6.3	9
72	Dynamic nuclear magnetic resonance frequency shifts for spin 1/2 nuclei coupled to efficiently relaxed spin?1/2 nuclei. <i>Journal of Chemical Physics</i> , <b>1995</b> , 102, 5181-5189	3.9	28
71	Differential clearance of nitroxide MRI contrast agents from rat cerebral ventricles. <i>Brain Research Bulletin</i> , <b>1995</b> , 36, 91-6	3.9	10
70	In Vivo NMR Studies Utilizing Fluorinated Probes <b>1994</b> , 263-277		4
69	Anomeric dependence of fluorodeoxyglucose transport in human erythrocytes. <i>Biochemistry</i> , <b>1994</b> , 33, 10985-92	3.2	18
68	Studies of inhibitor binding to Escherichia coli purine nucleoside phosphorylase using the transferred nuclear Overhauser effect and rotating-frame nuclear Overhauser enhancement. <i>Biochemistry</i> , <b>1994</b> , 33, 7547-59	3.2	25
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