Alison Rodger

List of Publications by Year
in descending order

255 papers	9,236 citations	36303 51 h-index	51608 86 g-index
286 all docs	286 docs citations	286 times ranked	9140 citing authors

#	Article	IF	Citations
1	Surface-enhanced Raman spectroscopy for circulating biomarkers detection in clinical diagnosis. , 2022, , 225-280.		1
2	Secondary Structure Transitions for a Family of Amyloidogenic, Antimicrobial Uperin 3 Peptides in Contact with Sodium Dodecyl Sulfate. ChemPlusChem, 2022, 87, e202100408.	2.8	17
3	Urea-Modified Self-Assembling Peptide Amphiphiles That Form Well-Defined Nanostructures and Hydrogels for Biomedical Applications. ACS Applied Bio Materials, 2022, 5, 4599-4610.	4.6	6
4	Order-disorder transitions of cytoplasmic N-termini in the mechanisms of P-type ATPases. Faraday Discussions, 2021, 232, 172-187.	3.2	2
5	Flow Linear Dichroism of Proteinâ€"Membrane Systems. Methods in Molecular Biology, 2021, 2263, 449-463.	0.9	1
6	Bayesian inference assessment of protein secondary structure analysis using circular dichroism data â€" how much structural information is contained in protein circular dichroism spectra?. Analytical Methods, 2021, 13, 359-368.	2.7	13
7	Hyper-truncated Asn355- and Asn391-glycans modulate the activity of neutrophil granule myeloperoxidase. Journal of Biological Chemistry, 2021, 296, 100144.	3.4	31
8	Circular dichroism for secondary structure determination of proteins with unfolded domains using a self-organising map algorithm SOMSpec. RSC Advances, 2021, 11, 23985-23991.	3.6	9
9	Insight into the Mechanism of Action and Peptideâ€Membrane Interactions of Aibâ€Rich Peptides: Multitechnique Experimental and Theoretical Analysis. ChemBioChem, 2021, 22, 1656-1667.	2.6	11
10	Spectroscopy of model-membrane liposome-protein systems: complementarity of linear dichroism, circular dichroism, fluorescence and SERS. Emerging Topics in Life Sciences, 2021, 5, 61-75.	2.6	3
11	Exploring the Potential of Molecular Spectroscopy for the Detection of Post-translational Modifications of a Stressed Biopharmaceutical Protein. Current Protein and Peptide Science, 2021, 22, 800-806.	1.4	1
12	Gold Nanostars with Reduced Fouling Facilitate Small Molecule Detection in the Presence of Protein. Nanomaterials, 2021, 11, 2565.	4.1	13
13	Morphology, energetics and growth kinetics of diphenylalanine fibres. Physical Chemistry Chemical Physics, 2021, 23, 4597-4604.	2.8	2
14	Linear Dichroism Activity of Chiral Poly(p-Aryltriazole) Foldamers. ACS Omega, 2021, 6, 33231-33237.	3.5	2
15	SOMSpec as a General Purpose Validated Self-Organising Map Tool for Rapid Protein Secondary Structure Prediction From Infrared Absorbance Data. Frontiers in Chemistry, 2021, 9, 784625.	3.6	1
16	Elucidating the Binding Mechanism of a Novel Silica-Binding Peptide. Biomolecules, 2020, 10, 4.	4.0	4
17	Design and synthesis of boron complexes as new Raman reporter molecules for sensitive SERS nanotags. Journal of Raman Spectroscopy, 2020, 51, 2408-2415.	2.5	5
18	Positively charged goldâ€"silver nanostar enabled molecular characterization of cancer associated extracellular vesicles. Analytical Methods, 2020, 12, 5908-5915.	2.7	7

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19	Interaction between Polysialic Acid and the MARCKS-ED Peptide at the Molecular Level. ACS Chemical Neuroscience, 2020, 11, 1944-1954.	3.5	1
20	Sensitive and Direct DNA Mutation Detection by Surface-Enhanced Raman Spectroscopy Using Rational Designed and Tunable Plasmonic Nanostructures. Analytical Chemistry, 2020, 92, 5708-5716.	6.5	50
21	The Effect of Oligomerization on A Solid-Binding Peptide Binding to Silica-Based Materials. Nanomaterials, 2020, 10, 1070.	4.1	4
22	Transformation of aqueous protein attenuated total reflectance infra-red absorbance spectroscopy to transmission. QRB Discovery, 2020, 1, .	1.6	3
23	Viscometric functions and rheo-optical properties of dilute polymer solutions: Comparison of FENE-Fraenkel dumbbells with rodlike models. Journal of Non-Newtonian Fluid Mechanics, 2020, 285, 104395.	2.4	4
24	An external quality assurance trial to assess mass spectrometry protein testing facilities for identifying multiple human peptides. Analytical and Bioanalytical Chemistry, 2019, 411, 6575-6581.	3.7	2
25	Automated High-Throughput Capillary Circular Dichroism and Intrinsic Fluorescence Spectroscopy for Rapid Determination of Protein Structure. Analytical Chemistry, 2019, 91, 13794-13802.	6.5	12
26	Nano-encapsulated Escherichia coli Divisome Anchor ZipA, and in Complex with FtsZ. Scientific Reports, 2019, 9, 18712.	3.3	16
27	Versatile Click Cyanine Amino Acid Conjugates Showing Oneâ€Atomâ€Influenced Recognition of DNA/RNA Secondary Structure and Mitochondrial Localisation in Living Cells. European Journal of Organic Chemistry, 2018, 2018, 1682-1692.	2.4	18
28	Fluorescence detected linear dichroism spectroscopy: A selective and sensitive probe for fluorophores in flowâ€oriented systems. Chirality, 2018, 30, 227-237.	2.6	7
29	Fluorescence detected linear dichroism of small molecules oriented on polyethylene film. Analyst, The, 2018, 143, 5805-5811.	3.5	8
30	Light scattering corrections to linear dichroism spectroscopy for liposomes in shear flow using calcein fluorescence and modified Rayleigh-Gans-Debye-Mie scattering. Biophysical Reviews, 2018, 10, 1385-1399.	3.2	6
31	Linear dichroism of visible-region chromophores using M13 bacteriophage as an alignment scaffold. RSC Advances, 2018, 8, 29535-29543.	3.6	5
32	Supramolecular Nucleoside-Based Gel: Molecular Dynamics Simulation and Characterization of Its Nanoarchitecture and Self-Assembly Mechanism. Langmuir, 2018, 34, 6912-6921.	3.5	44
33	Rationalisation of a mechanism for sensing single point variants in target DNA using anthracene-tagged base discriminating probes. Organic and Biomolecular Chemistry, 2018, 16, 6576-6585.	2.8	5
34	Infrared absorbance spectroscopy of aqueous proteins: Comparison of transmission and ATR data collection and analysis for secondary structure fitting. Chirality, 2018, 30, 957-965.	2.6	18
35	Absorbance Spectroscopy: Spectral Artifacts and Other Sources of Error. , 2018, , 1-4.		0
36	Absorption Spectroscopy to Probe Ligand Binding. , 2018, , 1-4.		0

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37	Linear Dichroism Spectra: Measurement. , 2018, , 1-6.		0
38	DNA-Ligand Circular Dichroism. , 2018, , 1-4.		0
39	Linear Dichroism. , 2018, , 1-3.		0
40	DNA-Ligand Flow Linear Dichroism. , 2018, , 1-3.		0
41	Far UV Protein Circular Dichroism. , 2018, , 1-6.		0
42	UV-Visible Absorption Spectroscopy, Biomacromolecular Applications. , 2017, , 495-502.		6
43	Os₂â€“Os₄ Switch Controls DNA Knotting and Anticancer Activity. Angewandte Chemie, 2016, 128, 9055-9058.	2.0	2
44	InnenrÃ¼cktitelbild: Os₂â€“Os₄ Switch Controls DNA Knotting and Anticancer Activity (Angew. Chem. 31/2016). Angewandte Chemie, 2016, 128, 9243-9243.	2.0	0
45	Os₂â€“Os₄ Switch Controls DNA Knotting and Anticancer Activity. Angewandte Chemie - International Edition, 2016, 55, 8909-8912.	13.8	17
46	Multifaceted Studies of the DNA Interactions and In Vitro Cytotoxicity of Anticancer Polyaromatic Platinum(II) Complexes. Chemistry - A European Journal, 2016, 22, 8943-8954.	3.3	21
47	Biophysical characterization of a protein for structure comparison: methods for identifying insulin structural changes. Analytical Methods, 2016, 8, 7460-7471.	2.7	13
48	Linear dichroism as a probe of molecular structure and interactions. Analyst, The, 2016, 141, 6490-6498.	3.5	21
49	Beyond the Discovery Void: New Targets for Antibacterial Compounds. Science Progress, 2016, 99, 153-182.	1.9	7
50	The association of defensin HNP-2 with negatively charged membranes: A combined fluorescence and linear dichroism study. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 892-903.	2.6	4
51	The synthesis and unexpected solution chemistry of thermochromic carborane-containing osmium half-sandwich complexes. Dalton Transactions, 2016, 45, 1763-1768.	3.3	7
52	Gold Nanoparticle Aggregation as a Probe of Antifreeze (Glyco) Protein-Inspired Ice Recrystallization Inhibition and Identification of New IRI Active Macromolecules. Scientific Reports, 2015, 5, 15716.	3.3	20
53	Polymerase Chain Reaction on a Viral Nanoparticle. ACS Synthetic Biology, 2015, 4, 1316-1325.	3.8	5
54	Bacterial Cell Division: Experimental and Theoretical Approaches to the Divisome. Science Progress, 2015, 98, 313-345.	1.9	6

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55	Redox-active and DNA-binding coordination complexes of clotrimazole. Dalton Transactions, 2015, 44, 3673-3685.	3.3	23
56	Tetraaza[14]macrocyclic Transition Metal Complexes as DNA Intercalators. European Journal of Inorganic Chemistry, 2015, 2015, 630-639.	2.0	6
57	Biological Insights from a Simulation Model of the Critical FtsZ Accumulation Required for Prokaryotic Cell Division. Biochemistry, 2015, 54, 3803-3813.	2.5	6
58	Direct detection and measurement of wall shear stress using a filamentous bio-nanoparticle. Nano Research, 2015, 8, 3307-3315.	10.4	7
59	Structural determinants in a library of low molecular weight gelators. Soft Matter, 2015, 11, 1174-1181.	2.7	35
60	SSNN, a method for neural network protein secondary structure fitting using circular dichroism data. Analytical Methods, 2014, 6, 6721-6726.	2.7	13
61	Optical properties of xanthene based fluorescent dyes studied by stretched-film linear dichroism. RSC Advances, 2014, 4, 37510-37515.	3.6	3
62	Oxidized polyethylene films for orienting polar molecules for linear dichroism spectroscopy. Analyst, The, 2014, 139, 1372-1382.	3.5	20
63	Protein Secondary Structure Prediction from Circular Dichroism Spectra Using a Selfâ€Organizing Map with Concentration Correction. Chirality, 2014, 26, 471-482.	2.6	24
64	Absorption Spectroscopy to Determine Macromolecule Structural Changes. , 2013, , 30-31.		1
65	Nanofiber-Based Delivery of Therapeutic Peptides to the Brain. ACS Nano, 2013, 7, 1016-1026.	14.6	77
66	DNA-Ligand Circular Dichroism. , 2013, , 484-486.		1
67	Spectroscopic signatures of an Fmocâ€"tetrapeptide, Fmoc and fluorene. RSC Advances, 2013, 3, 10854.	3.6	22
68	Metallohelices with activity against cisplatin-resistant cancer cells; does the mechanism involve DNA binding?. Chemical Science, 2013, 4, 4407.	7.4	64
69	Calculations of flow-induced orientation distributions for analysis of linear dichroism spectroscopy. Soft Matter, 2013, 9, 4977.	2.7	15
70	Circular and Linear Dichroism Spectroscopy for the Study of Proteinâ€"Ligand Interactions. Methods in Molecular Biology, 2013, 1008, 211-241.	0.9	11
71	A model of membrane contraction predicting initiation and completion of bacterial cell division. Integrative Biology (United Kingdom), 2013, 5, 778.	1.3	11
72	Tetramerization of ZapA is required for FtsZ bundling. Biochemical Journal, 2013, 449, 795-802.	3.7	37

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73	Exploring the sequenceâ€"structure relationship for amyloid peptides. Biochemical Journal, 2013, 450, 275-283.	3.7	43
74	Elucidating protein secondary structure with circular dichroism and a neural network. Journal of Computational Chemistry, 2013, 34, 2774-2786.	3.3	18
75	Siteâ€Specific Identification of an AÎ² Fibrilâ€"Heparin Interaction Site by Using Solidâ€State NMR Spectroscopy. Angewandte Chemie - International Edition, 2012, 51, 13140-13143.	13.8	26
76	Probing the structure of long DNA molecules in solution using synchrotron radiation linear dichroism. Physical Chemistry Chemical Physics, 2012, 14, 353-366.	2.8	11
77	Detection of Pathogenic Bacteria Using a Homogeneous Immunoassay Based on Shear Alignment of Virus Particles and Linear Dichroism. Analytical Chemistry, 2012, 84, 91-97.	6.5	28
78	Continuous-channel flow linear dichroism. Analytical Methods, 2012, 4, 3169.	2.7	5
79	Structural characterisation, stability and antibody recognition of chimeric NHBA-GNA1030: An investigational vaccine component against Neisseria meningitidis. Vaccine, 2012, 30, 1330-1342.	3.8	10
80	Optically pure, water-stable metallo-helical â€˜flexicateâ€™ assemblies with antibiotic activity. Nature Chemistry, 2012, 4, 31-36.	13.6	197
81	Coordination of iron ions in the form of histidinyl dinitrosyl complexes does not prevent their genotoxicity. Bioorganic and Medicinal Chemistry, 2012, 20, 6732-6738.	3.0	7
82	The Mechanics of FtsZ Fibers. Biophysical Journal, 2012, 102, 731-738.	0.5	29
83	Experimental and Theoretical Polarized Raman Linear Difference Spectroscopy of Small Molecules with a New Alignment Method Using Stretched Polyethylene Film. Analytical Chemistry, 2012, 84, 1394-1401.	6.5	10
84	Rapid Injection Linear Dichroism for Studying the Kinetics of Biological Processes. Analytical Chemistry, 2012, 84, 6561-6566.	6.5	12
85	Exploiting Thermoresponsive Polymers to Modulate Lipophilicity: Interactions With Model Membranes. Macromolecular Rapid Communications, 2012, 33, 779-784.	3.9	13
86	Considerations of Noise and Measurement Reproducibility of Circular Dichroism Measurements Using Na[Co^{III}(EDDS)]. Chirality, 2012, 24, 699-705.	2.6	3
87	Self-assembly of Fmoc-tetrapeptides based on the RGDS cell adhesion motif. Soft Matter, 2011, 7, 11405.	2.7	56
88	Anthracene-modified oligonucleotides as fluorescent DNA mismatch sensors: discrimination between various base-pair mismatches. Supramolecular Chemistry, 2011, 23, 273-277.	1.2	7
89	Viscosity of aqueous DNA solutions determined using dynamic light scattering. Analyst, The, 2011, 136, 4159.	3.5	17
90	Acyl transfer from phosphocholinelipids to melittin. Chemical Communications, 2011, 47, 1422-1424.	4.1	13

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91	The Interfacial Behaviour of Peptides Over Long Time Scales. Biophysical Journal, 2011, 100, 351a.	0.5	0
92	The pH Dependence of Polymerization and Bundling by the Essential Bacterial Cytoskeltal Protein FtsZ. PLoS ONE, 2011, 6, e19369.	2.5	23
93	Antimicrobial activity of ruthenium-based intercalators. European Journal of Pharmaceutical Sciences, 2011, 42, 313-317.	4.0	114
94	Is photocleavage of DNA by YOYO-1 using a synchrotron radiation light source sequence dependent?. European Biophysics Journal, 2011, 40, 1121-1129.	2.2	1
95	Investigating Binding Interactions Using Linear Dichroism and Circular Dichroism. , 2011, , 215-234.		0
96	An androgenic steroid delivery vector that imparts activity to a non-conventional platinum(ii) metallo-drug. Dalton Transactions, 2010, 39, 11353.	3.3	58
97	Self-Assembly Mechanism for a Naphthaleneâˆ'Dipeptide Leading to Hydrogelation. Langmuir, 2010, 26, 5232-5242.	3.5	208
98	Capillary circular dichroism. Chirality, 2010, 22, E136-41.	2.6	6
99	Characterizing the Assembly of the Sup35 Yeast Prion Fragment, GNNQQNY: Structural Changes Accompany a Fiber-to-Crystal Switch. Biophysical Journal, 2010, 98, 330-338.	0.5	94
100	Assembly Pathway of a Designed Î±-Helical Protein Fiber. Biophysical Journal, 2010, 98, 1668-1676.	0.5	57
101	Sequence-Dependent Oligomerization of the Neu Transmembrane Domain Suggests Inhibition of â€œConformational Switchingâ€•by an Oncogenic Mutant. Biochemistry, 2010, 49, 2811-2820.	2.5	19
102	LD spectroscopy of natural and synthetic biomaterials. Chemical Society Reviews, 2010, 39, 3380.	38.1	59
103	Circular and Linear Dichroism of Drug-DNA Systems. Methods in Molecular Biology, 2010, 613, 37-54.	0.9	3
104	Alignment of a Model Amyloid Peptide Fragment in Bulk and at a Solid Surface. Journal of Physical Chemistry B, 2010, 114, 8244-8254.	2.6	33
105	Conjugation of testosterone modifies the interaction of mono-functional cationic platinum(ii) complexes with DNA, causing significant alterations to the DNA helix. Dalton Transactions, 2010, 39, 11365.	3.3	37
106	The Synergistic Action of Melittin and Phospholipase A2 with Lipid Membranes: Development of Linear Dichroism for Membrane-Insertion Kinetics. Protein and Peptide Letters, 2010, 17, 1351-1362.	0.9	38
107	Volatile C8 compounds and pseudomonads influence primordium formation ofAgaricus bisporus. Mycologia, 2009, 101, 583-591.	1.9	84
108	Ruthenium polypyridyl complexes and their modes of interaction with DNA: Is there a correlation between these interactions and the antitumor activity of the compounds?. Journal of Biological Inorganic Chemistry, 2009, 14, 439-448.	2.6	78

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109	Antimicrobial activity of an iron triple helicate. International Journal of Antimicrobial Agents, 2009, 33, 469-472.	2.5	66
110	Peptide Adsorption to Lipid Bilayers: Slow Processes Revealed by Linear Dichroism Spectroscopy. Biophysical Journal, 2009, 96, 1399-1407.	0.5	17
111	Flow Linear Dichroism of Some Prototypical Proteins. Journal of the American Chemical Society, 2009, 131, 13305-13314.	13.7	36
112	Effect of bridging ligand structure on the thermal stability and DNA binding properties of iron(ii) triple helicates. Dalton Transactions, 2009, , 4868.	3.3	32
113	Synchrotron radiation linear dichroism spectroscopy of the antibiotic peptide gramicidin in lipid membranes. Analyst, The, 2009, 134, 1623.	3.5	19
114	Is DNA a worm-like chain in Couette flow?:In search of persistence length, a critical review. Science Progress, 2009, 92, 163-204.	1.9	15
115	A new reference material for UVâ€"visible circular dichroism spectroscopy. Chirality, 2008, 20, 1029-1038.	2.6	18
116	DNA binding and bending by dinuclear complexes comprising ruthenium polypyridyl centres linked by a bis(pyridylimine) ligand. Journal of Inorganic Biochemistry, 2008, 102, 2052-2059.	3.5	64
117	Breaking the 200 nm Limit for Routine Flow Linear Dichroism Measurements Using UV Synchrotron Radiation. Biophysical Journal, 2008, 95, 5974-5977.	0.5	24
118	Folding and Membrane Insertion of the Pore-Forming Peptide Gramicidin Occur as a Concerted Process. Journal of Molecular Biology, 2008, 383, 358-366.	4.2	29
119	Synthesis and cytotoxicity of dinuclear complexes containing ruthenium(ii) bipyridyl units linked by a bis(pyridylimine) ligand. Dalton Transactions, 2008, , 667-675.	3.3	43
120	How to Study DNA and Proteins by Linear Dichroism Spectroscopy. Science Progress, 2008, 91, 377-396.	1.9	8
121	Structural Characterisation of the Insecticidal Toxin XptA1, Reveals a 1.15ÂMDa Tetramer with a Cage-like Structure. Journal of Molecular Biology, 2007, 366, 1558-1568.	4.2	37
122	FtsZ Polymer-bundling by the Escherichia coli ZapA Orthologue, YgfE, Involves a Conformational Change in Bound GTP. Journal of Molecular Biology, 2007, 369, 210-221.	4.2	83
123	Circular and linear dichroism of proteins. Physical Chemistry Chemical Physics, 2007, 9, 2020.	2.8	153
124	Enantiomeric resolution of supramolecular helicates with different surface topographies. Dalton Transactions, 2007, , 734-742.	3.3	51
125	Synthetic metallomolecules as agents for the control of DNA structure. Chemical Society Reviews, 2007, 36, 471-483.	38.1	198
126	DNA Binding Studies of a New Dicationic Porphyrin. Insights into Interligand Interactions. Biochemistry, 2007, 46, 9143-9154.	2.5	33

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127	Design and Non-Covalent DNA Binding of Platinum(II) Metallacalix[4]arenes. Chemistry - A European Journal, 2007, 13, 5075-5081.	3.3	53
128	Shape effects on the activity of synthetic major-groove binding ligands. Journal of Molecular Graphics and Modelling, 2007, 25, 794-800.	2.4	3
129	Influence of surface shape on DNA binding of bimetallo helicates. Journal of Inorganic Biochemistry, 2007, 101, 1937-1945.	3.5	45
130	Looking at long molecules in solution: what happens when they are subjected to Couette flow?. Physical Chemistry Chemical Physics, 2006, 8, 3161.	2.8	55
131	Improved curve fitting procedures to determine equilibrium binding constants. Analyst, The, 2006, 131, 1145.	3.5	118
132	Restriction Enzyme Kinetics Monitored by UV Linear Dichroism. Biochemistry, 2006, 45, 8912-8917.	2.5	23
133	Contributions of Hydroxyethyl Groups to the DNA Binding Affinities of Anthracene Probes. Journal of Physical Chemistry B, 2006, 110, 20693-20701.	2.6	35
134	Quantitation of protein orientation in flow-oriented unilamellar liposomes by linear dichroism. Chemical Physics, 2006, 326, 210-220.	1.9	26
135	Spectroscopic Identification of Binding Modes of Anthracene Probes and DNA Sequence Recognitionâ€. Photochemistry and Photobiology, 2006, 82, 20.	2.5	41
136	A new method for fibrous protein analysis illustrated by application to tubulin microtubule polymerisation and depolymerisation. Chirality, 2006, 18, 680-690.	2.6	35
137	An Estrogenâ€"Platinum Terpyridine Conjugate: DNA and Protein Binding and Cellular Delivery. Chemistry - A European Journal, 2006, 12, 8000-8013.	3.3	50
138	Simulations of DNA Coiling around a Synthetic Supramolecular Cylinder That Binds in the DNA Major Groove. Chemistry - A European Journal, 2006, 12, 3493-3506.	3.3	37
139	A DNA-Binding Copper(I) Metallosupramolecular Cylinder that Acts as an Artificial Nuclease. Chemistry - A European Journal, 2006, 12, 4919-4927.	3.3	59
140	Molecular Recognition of a Three-Way DNA Junction by a Metallosupramolecular Helicate. Angewandte Chemie - International Edition, 2006, 45, 1227-1231.	13.8	278
141	Molecular Recognition of a Three-Way DNA Junction by a Metallosupramolecular Helicate. Angewandte Chemie - International Edition, 2006, 45, 1834-1834.	13.8	2
142	A study of the secondary structure of Candida antarctica lipase B using synchrotron radiation circular dichroism measurements. Enzyme and Microbial Technology, 2005, 36, 70-74.	3.2	29
143	Design and DNA Binding of an Extended Triple-Stranded Metallo-supramolecular Cylinder. Chemistry - A European Journal, 2005, 11, 1750-1756.	3.3	61
144	The Binding of Single-Stranded DNA and PNA to Single-Walled Carbon Nanotubes Probed by Flow Linear Dichroism. Chemistry - A European Journal, 2005, 11, 4841-4847.	3.3	48

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145	Expression, purification and crystallization of the cell-division protein YgfE fromEscherichia coli. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 305-307.	0.7	0
146	Circular Dichroism Spectroscopy for the Study of Proteinâ€"Ligand Interactions. , 2005, 305, 343-364.		32
147	Validation of new microvolume Couette flow linear dichroism cells. Analyst, The, 2005, 130, 1608.	3.5	81
148	Theoretical Aspects of the Enantiomeric Resolution of Dimetallo Helicates with Different Surface Topologies on Cellulose Columns. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2995-3003.	1.0	9
149	Chemical Composition and Antibacterial Activity of the Essential Oil and the Gum ofPistacia lentiscusVar. chia. Journal of Agricultural and Food Chemistry, 2005, 53, 7681-7685.	5.2	202
150	FtsZ Fiber Bundling Is Triggered by a Conformational Change in Bound GTP. Journal of Biological Chemistry, 2004, 279, 48821-48829.	3.4	49
151	Linear dichroism of biomolecules: which way is up?. Current Opinion in Structural Biology, 2004, 14, 541-546.	5.7	36
152	Potential injectable contraceptive steroids: testosterone buciclate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o348-o349.	0.2	1
153	Ferric and ferrous ions: binding to DNA and influence on radiation-induced processes. Radiation Physics and Chemistry, 2004, 71, 1023-1030.	2.8	6
154	Flow Linear Dichroism to Probe Binding of Aromatic Molecules and DNA to Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2004, 126, 11182-11188.	13.7	73
155	Micro-Volume Couette Flow Sample Orientation for Absorbance and Fluorescence Linear Dichroism. Biophysical Journal, 2004, 87, 2002-2012.	0.5	78
156	Protein Fiber Linear Dichroism for Structure Determination and Kinetics in a Low-Volume, Low-Wavelength Couette Flow Cell. Biophysical Journal, 2004, 86, 404-410.	0.5	72
157	Carbohydrate Derivatives of the Antitumour Alkaloid 9-Hydroxyellipticine. European Journal of Organic Chemistry, 2003, 2003, 63-71.	2.4	16
158	An Escherichia coli twin-arginine signal peptide switches between helical and unstructured conformations depending on the hydrophobicity of the environment. FEBS Journal, 2003, 270, 3345-3352.	0.2	39
159	DNA Interactions of Monofunctional Organometallic Ruthenium(II) Antitumor Complexes in Cell-free Media. Biochemistry, 2003, 42, 11544-11554.	2.5	309
160	Hairpin-Shaped Heterometallic Luminescent Lanthanide Complexes for DNA Intercalative Recognition. Journal of the American Chemical Society, 2003, 125, 9918-9919.	13.7	194
161	Biophysical and biological properties of quadruplex oligodeoxyribonucleotides. Nucleic Acids Research, 2003, 31, 2097-2107.	14.5	361
162	Calibration and Standardisation of Synchrotron Radiation Circular Dichroism and Conventional Circular Dichroism Spectrophotometers. Spectroscopy, 2003, 17, 653-661.	0.8	86

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163	Structures of CUG Repeats in RNA. Journal of Biological Chemistry, 2002, 277, 35183-35190.	3.4	14
164	Anti-tumour platinum acylthiourea complexes and their interactions with DNA. Dalton Transactions RSC, 2002, , 3656-3663.	2.3	28
165	Flow oriented linear dichroism to probe protein orientation in membrane environments. Physical Chemistry Chemical Physics, 2002, 4, 4051-4057.	2.8	72
166	Intramolecular DNA coiling mediated by metallo-supramolecular cylinders: Differential binding of P and M helical enantiomers. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5069-5074.	7.1	194
167	Antiproliferative Activity of G-Quartet-Forming Oligonucleotides with Backbone and Sugar Modificationsâ€. Biochemistry, 2002, 41, 3676-3685.	2.5	137
168	DNA as a Catalyst and Catalytic Template for the Racemisation of Metal Tris-Phenanthroline Complexes. European Journal of Inorganic Chemistry, 2002, 2002, 49-53.	2.0	11
169	Gas chromatography: an investigative tool in multiple allergies to essential oils. Contact Dermatitis, 2002, 47, 288-292.	1.4	52
170	Chiral discrimination in mobile phases for HPLC. Journal of Molecular Liquids, 2002, 98-99, 413-425.	4.9	0
171	Predicting chiral discrimination in HPLC from computer simulations. Journal of Molecular Liquids, 2002, 101, 261-272.	4.9	2
172	Aryl substituted ruthenium bis-terpyridine complexes: intercalation and groove binding with DNA. Journal of Inorganic Biochemistry, 2002, 91, 220-229.	3.5	87
173	Absolute configuration and electronic state properties of light-switch complex [Ru(phen)2dppz]2+ deduced from oriented circular dichroism in a lamellar liquid crystal host. Chemical Physics Letters, 2002, 354, 44-50.	2.6	14
174	Interaction between a DNA oligonucleotide and a dinuclear iron(II) supramolecular cylinder; an NMR and molecular dynamics study. Journal of Biological Inorganic Chemistry, 2002, 7, 770-780.	2.6	39
175	Dialysis cells for controlled DNAâˆ¶drug binding studies. Analyst, The, 2001, 126, 852-854.	3.5	3
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