

# Claudio Rossi

## List of Publications by Year in descending order

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176  
papers

3,171  
citations

159585

30  
h-index

233421

45  
g-index

180  
all docs

180  
docs citations

180  
times ranked

3937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical composition of flours through thermogravimetric and rheological combined methods. <i>Thermochimica Acta</i> , 2022, 711, 179204.	2.7	4
2	Effect of Flaking and Precooking Procedures on Antioxidant Potential of Selected Ancient Cereal and Legume Flours. <i>Foods</i> , 2022, 11, 1592.	4.3	1
3	Bioactive Compounds and Their Impact on Protein Modification in Human Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7424.	4.1	3
4	Lipids from algal biomass provide new (nonlamellar) nanovectors with high carrier potentiality for natural antioxidants. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 410-416.	4.3	9
5	Effect of different post-harvest storage conditions and heat treatment on tomatine content in commercial varieties of green tomatoes. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103735.	3.9	13
6	Effects of Aqueous Extract of <i>Lycopersicon esculentum</i> L. var. "Camone" Tomato on Blood Pressure, Behavior and Brain Susceptibility to Oxidative Stress in Spontaneously Hypertensive Rats. <i>Pathophysiology</i> , 2021, 28, 189-201.	2.2	3
7	Combined Experimental and Multivariate Model Approaches for Glycoalkaloid Quantification in Tomatoes. <i>Molecules</i> , 2021, 26, 3068.	3.8	8
8	Varietal and Geographical Origin Characterization of Peaches and Nectarines by Combining Analytical Techniques and Statistical Approach. <i>Molecules</i> , 2021, 26, 4128.	3.8	5
9	Kinetics of glucosinolate hydrolysis by myrosinase in Brassicaceae tissues: A high-performance liquid chromatography approach. <i>Food Chemistry</i> , 2021, 355, 129634.	8.2	9
10	Physicochemical Characterization of Hyaluronic Acid and Chitosan Liposome Coatings. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12071.	2.5	5
11	Enriched Gellan Gum hydrogel as visco-supplement. <i>Carbohydrate Polymers</i> , 2020, 227, 115347.	10.2	40
12	Prediction of quality parameters in straw wine by means of FT-IR spectroscopy combined with multivariate data processing. <i>Food Chemistry</i> , 2020, 305, 125512.	8.2	23
13	Poly-vinyl alcohol (PVA) crosslinked by trisodium trimetaphosphate (STMP) and sodium hexametaphosphate (SHMP): Effect of molecular weight, pH and phosphorylating agent on length of spacing arms, crosslinking density and water interaction. <i>Journal of Molecular Structure</i> , 2020, 1202, 127264.	3.6	18
14	Plasticizers free polyvinyl chloride membrane for metal ions sequestering. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108100.	3.9	1
15	Tomatine Displays Antitumor Potential in In Vitro Models of Metastatic Melanoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5243.	4.1	18
16	Ferromagnetic contamination of ultra-low-field-NMR sample containers. Quantification of the problem and possible solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167220.	2.3	1
17	Chemical Characterisation and Antihypertensive Effects of Locular Gel and Serum of <i>Lycopersicon esculentum</i> L. var. "Camone" Tomato in Spontaneously Hypertensive Rats. <i>Molecules</i> , 2020, 25, 3758.	3.8	11
18	Calcium ions hyaluronan/gellan gum protective shell for delivery of oleuropein in the knee. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, , 1-16.	3.4	4

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19	Non-Destructive Monitoring of <i>P. fluorescens</i> and <i>S. epidermidis</i> Biofilm under Different Media by Fourier Transform Infrared Spectroscopy and Other Corroborative Techniques. <i>Coatings</i> , 2020, 10, 930.	2.6	4
20	Hybrid PVA-xanthan gum hydrogels as nucleus pulposus substitutes. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 681-690.	3.4	16
21	Antioxidant Species in Grapes and Wines via Spectrophotometric Methods: No Quenching Effects by Copper(II) and Yeast Derivative Treatments. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	1.9	1
22	Comparison of Original and Modern Mortars at the Herculaneum Archaeological Site. <i>Conservation and Management of Archaeological Sites</i> , 2019, 21, 92-112.	0.5	4
23	Chemical characterization and antioxidant properties of products and by-products from <i>Olea europaea</i> L. <i>Food Science and Nutrition</i> , 2019, 7, 2907-2920.	3.4	25
24	Modified low molecular weight poly-vinyl alcohol as viscosity enhancer. <i>Materials Today Communications</i> , 2019, 21, 100634.	1.9	2
25	Characterization of nutraceutical components in tomato pulp, skin and locular gel. <i>European Food Research and Technology</i> , 2019, 245, 907-918.	3.3	41
26	Distribution of Gadolinium in Rat Heart Studied by Fast Field Cycling Relaxometry and Imaging SIMS. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1339.	4.1	3
27	Metal-Ligand Recognition Index Determination by NMR Proton Relaxation Study. <i>Molecules</i> , 2019, 24, 1050.	3.8	2
28	Evaluation of in vitro cell and blood compatibility and in vivo analgesic activity of plant-derived dietary supplements. <i>Journal of Integrative Medicine</i> , 2019, 17, 213-220.	3.1	8
29	Ordering effect of protein surfaces on water dynamics: NMR relaxation study. <i>Biophysical Chemistry</i> , 2019, 249, 106149.	2.8	5
30	Reactivity of CORM [RuII(CO)3Cl2{N-(N1-methylbenzimidazole)}] with aminoacids. Synthesis, and analytical and structural study for the new binuclear cis-[RuI(CO)2(N-MBI)(1/4-2-O,O-BAL)]2 sawhorse complex at solid state and in solution. <i>Journal of Molecular Structure</i> , 2019, 1184, 479-486.	3.6	0
31	Thixotropic PVA hydrogel enclosing a hydrophilic PVP core as nucleus pulposus substitute. <i>Materials Science and Engineering C</i> , 2019, 98, 696-704.	7.3	38
32	Solution dynamics of the natural bioactive molecule capsaicin: a relaxation study. <i>Spectroscopy Letters</i> , 2019, 52, 74-79.	1.0	2
33	Chemical characterization of liposomes containing nutraceutical compounds: Tyrosol, hydroxytyrosol and oleuropein. <i>Biophysical Chemistry</i> , 2019, 246, 25-34.	2.8	66
34	Grappa quality from the Chianti and Montepulciano areas (Tuscany, Italy): monitoring the leaching of copper from distillation columns. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1558-1565.	2.7	5
35	Xanthan Gum-Chitosan: Delayed, prolonged, and burst-release tablets using same components in different ratio. <i>Advances in Polymer Technology</i> , 2018, 37, 2936-2945.	1.7	7
36	Development of liposomal formulations to potentiate natural lovastatin inhibitory activity towards 3-hydroxy-3-methyl-glutaryl coenzyme A (HMG-CoA) reductase. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 107-112.	3.0	23

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37	Protective effect of quercetin and rutin encapsulated liposomes on induced oxidative stress. <i>Biophysical Chemistry</i> , 2018, 233, 55-63.	2.8	75
38	Analytical and structural investigation via infrared spectroscopy and density functional methods of cuprous complexes of the antioxidant tripeptide glutathione (GSH). Synthesis and characterization of a novel Cu I -GSH compound. <i>Inorganica Chimica Acta</i> , 2018, 470, 158-171.	2.4	14
39	Polystyrene microplastics increase microbial release of marine Chromophoric Dissolved Organic Matter in microcosm experiments. <i>Scientific Reports</i> , 2018, 8, 14635.	3.3	58
40	Ionic Exchange Resins and Hydrogels for Capturing Metal Ions in Selected Sweet Dessert Wines. <i>Molecules</i> , 2018, 23, 2973.	3.8	5
41	Effect of resveratrol on platelet aggregation by fibrinogen protection. <i>Biophysical Chemistry</i> , 2017, 222, 41-48.	2.8	32
42	Formulation of liposomes functionalized with Lotus lectin and effective in targeting highly proliferative cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 860-870.	2.4	29
43	Simultaneous Detection of H and D NMR Signals in a Micro-Tesla Field. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6176-6179.	4.6	13
44	Alginate-gelatin formulation to modify lovastatin release profile from red yeast rice for hypercholesterolemia therapy. <i>Therapeutic Delivery</i> , 2017, 8, 843-854.	2.2	20
45	New formulations to enhance lovastatin release from red yeast rice (RYR). <i>Journal of Drug Delivery Science and Technology</i> , 2016, 36, 110-119.	3.0	27
46	Characterization of archaeological mortars from Herculaneum. <i>Thermochemica Acta</i> , 2016, 624, 86-94.	2.7	31
47	Effect of Quercetin-loaded liposomes on induced oxidative stress in human spermatozoa. <i>Reproductive Toxicology</i> , 2016, 60, 140-147.	2.9	28
48	Microtesla NMR J-coupling spectroscopy with an unshielded atomic magnetometer. <i>Journal of Magnetic Resonance</i> , 2016, 263, 65-70.	2.1	26
49	Simulating the active sites of copper-trafficking proteins. Density functional structural and spectroscopy studies on copper(I) complexes with thiols, carboxylato, amide and phenol ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 404-424.	2.2	11
50	Discrimination of human semen specimens by NMR data, sperm parameters, and statistical analysis. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 353-359.	2.1	13
51	Biopolymers and Biomacromolecules Solvent Dynamics. <i>Macromolecular Symposia</i> , 2014, 335, 78-85.	0.7	1
52	New perspective in cell communication: Potential role of ultra-weak photon emission. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 139, 47-53.	3.8	30
53	Water-Protein Interactions: The Secret of Protein Dynamics. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	2.1	22
54	Chemical characterisation of a new estuarine pollutant (2,4-Dichloro-6-Nitrophenol) and assessment of the acute toxicity of its quinoid form for <i>Artemia salina</i> . <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1679-1688.	3.3	6

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55	Chemical and optical phototransformation of dissolved organic matter. <i>Water Research</i> , 2012, 46, 3197-3207.	11.3	54
56	Metabolic response to exogenous ethanol in yeast: An in vivo statistical total correlation NMR spectroscopy approach. <i>Journal of Biosciences</i> , 2012, 37, 749-755.	1.1	6
57	Using Liposomes as Carriers for Polyphenolic Compounds: The Case of Trans-Resveratrol. <i>PLoS ONE</i> , 2012, 7, e41438.	2.5	99
58	Competition for spectral irradiance between epilimnetic optically active dissolved and suspended matter and phytoplankton in the metalimnion. Consequences for limnology and chemistry. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1000.	2.9	9
59	Increased Susceptibility to Resveratrol of <i>Helicobacter pylori</i> Strains Isolated from Patients with Gastric Carcinoma. <i>Journal of Natural Products</i> , 2011, 74, 2257-2260.	3.0	20
60	Interaction study of indigo carmine with albumin and dextran by NMR relaxation. <i>Journal of Materials Science</i> , 2011, 46, 2541-2547.	3.7	15
61	In vivo NMR study of yeast fermentative metabolism in the presence of ferric irons. <i>Journal of Biosciences</i> , 2011, 36, 97-103.	1.1	1
62	TOF-SIMS characterization of pigments and binders in the Martyrdom of St. Catherine™, in Zejtun (Malta). <i>Surface and Interface Analysis</i> , 2011, 43, 1152-1159.	1.8	6
63	ToF-SIMS investigation of ancient ceramics from the Quartaia Site, Tuscany (Italy). <i>Surface and Interface Analysis</i> , 2011, 43, 1108-1119.	1.8	8
64	A PVA/PVP hydrogel for human lens substitution: Synthesis, rheological characterization, and in vitro biocompatibility. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 97B, 278-288.	3.4	36
65	Assessing the optical changes in dissolved organic matter in humic lakes by spectral slope distributions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 102, 132-139.	3.8	37
66	Interaction between Vine Pesticides and Bovine Serum Albumin Studied by Nuclear Spin Relaxation Data. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 10705-10709.	5.2	15
67	Sensitivity analysis of CDOM spectral slope in artificial and natural samples: an application in the central eastern Mediterranean Basin. <i>Aquatic Sciences</i> , 2010, 72, 485-498.	1.5	29
68	Increasing photostability and water-solubility of carotenoids: Synthesis and characterization of $\beta$ -carotene-humic acid complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 101, 355-361.	3.8	31
69	Spatial dynamics of chromophoric dissolved organic matter in nearshore waters of Lake Victoria. <i>Aquatic Ecosystem Health and Management</i> , 2010, 13, 185-195.	0.6	13
70	Spatial and seasonal changes in optical properties of autochthonous and allochthonous chromophoric dissolved organic matter in a stratified mountain lake. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 304-314.	2.9	29
71	Modelling Upwelling Irradiance using Secchi disk depth in lake ecosystems. <i>Journal of Limnology</i> , 2009, 68, 83.	1.1	11
72	Variability in photobleaching yields and their related impacts on optical conditions in subtropical lakes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 95, 129-137.	3.8	37

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73	Interaction study of bioactive molecules with fibrinogen and human platelets determined by <sup>1</sup> H NMR relaxation experiments. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1630-1635.	3.0	9
74	Study of bradykinin conformation in the presence of model membrane by Nuclear Magnetic Resonance and molecular modelling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 708-716.	2.6	27
75	A new approach to study in vivo cellular metabolism using a modellistic analysis of magnetic resonance spectra. <i>Mathematical Biosciences</i> , 2009, 222, 36-41.	1.9	2
76	Antimicrobial activity against <i>Helicobacter pylori</i> strains and antioxidant properties of blackberry leaves ( <i>Rubus ulmifolius</i> ) and isolated compounds. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 50-59.	2.5	108
77	The optical characterization of chromophoric dissolved organic matter using wavelength distribution of absorption spectral slopes. <i>Limnology and Oceanography</i> , 2009, 54, 590-597.	3.1	128
78	Stacking interaction study of <i>trans</i> -resveratrol ( <i>trans</i> -3,5,4-trihydroxystilbene) in solution by Nuclear Magnetic Resonance and Fourier Transform Infrared Spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 625-629.	1.9	20
79	Satellite-based indices in the analysis of land cover for municipalities in the province of Siena, Italy. <i>Journal of Environmental Management</i> , 2008, 86, 383-389.	7.8	12
80	Variability in factors causing light attenuation in Lake Victoria. <i>Freshwater Biology</i> , 2008, 53, 535-545.	2.4	49
81	Interaction of Quercetin and Its Conjugate Quercetin 3-O-Glucopyranoside with Albumin as Determined by NMR Relaxation Data. <i>Journal of Natural Products</i> , 2008, 71, 175-178.	3.0	35
82	Fibrinogen-Catecholamine Interaction as Observed by NMR and Fourier Transform Infrared Spectroscopy. <i>Biomacromolecules</i> , 2007, 8, 2689-2696.	5.4	14
83	Isotopic Effect on the Kinetics of the Belousov-Zhabotinsky Reaction. <i>International Journal of Molecular Sciences</i> , 2007, 8, 943-949.	4.1	11
84	Determination of the modified affinity index™ of small ligands and macromolecular receptors from NMR spin-lattice relaxation data. <i>Chemical Physics Letters</i> , 2007, 447, 147-153.	2.6	7
85	Solution behavior of a sugar-based carborane for boron neutron capture therapy: A nuclear magnetic resonance investigation. <i>Biophysical Chemistry</i> , 2007, 125, 320-327.	2.8	14
86	Examining the dynamics of phytoplankton biomass in Lake Tanganyika using Empirical Orthogonal Functions. <i>Ecological Modelling</i> , 2007, 204, 156-162.	2.5	25
87	Perceived benefits of littoral wetlands in Uganda: a focus on the Nabugabo wetlands. <i>Wetlands Ecology and Management</i> , 2007, 15, 529-535.	1.5	24
88	The optical qualities of shallow wetland lined bays in Lake Victoria. <i>Wetlands Ecology and Management</i> , 2007, 15, 509-519.	1.5	9
89	Effect of the preparation procedure on the structural properties of oligonucleotide/cationic liposome complexes (lipoplexes) studied by electron spin resonance and Zeta potential. <i>Biophysical Chemistry</i> , 2007, 131, 80-87.	2.8	29
90	Comparative Analysis of the Effects of Locally Used Herbicides and Their Active Ingredients on a Wild-Type Wine <i>Saccharomyces cerevisiae</i> Strain. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3163-3172.	5.2	32

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91	The role of wetlands in the chromophoric dissolved organic matter release and its relation to aquatic ecosystems optical properties. A case of study: Katonga and Bunjako Bays (Victoria Lake;)	1.0	4
92	Metabolic response to exogenous ethanol in yeast: An in vivo NMR and mathematical modelling approach. <i>Biophysical Chemistry</i> , 2006, 120, 135-142.	2.8	15
93	ToF-SIMS and PCA studies of Seggianese olives and olive oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 279, 225-232.	4.7	9
94	Synthetic polymers as biomacromolecular models for studying ligand-protein interactions: A nuclear spin relaxation approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 113-121.	2.8	7
95	The bio-optical properties of CDOM as descriptor of lake stratification. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 85, 145-149.	3.8	19
96	The influence of climate and dam construction on the Ibera wetlands, Argentina. <i>Regional Environmental Change</i> , 2006, 6, 181-191.	2.9	14
97	Drug-protein recognition processes investigated by NMR relaxation data. <i>Biochemical Pharmacology</i> , 2006, 71, 858-864.	4.4	28
98	Intramolecular Polycomplexes Formed by Dextran-Grafted Polyacrylamide: Effect of the Components Molecular Weight. <i>Macromolecular Symposia</i> , 2005, 222, 219-224.	0.7	2
99	Spatial and temporal variations of the inherent and apparent optical properties in a shallow coastal lake. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 80, 161-177.	3.8	27
100	Spatial and temporal characterisations of the degradation of dissolved humic substances in freshwater lake. <i>Ecological Modelling</i> , 2005, 186, 55-61.	2.5	8
101	Morphological anomalies in pollen tubes of <i>Actinidia deliciosa</i> (kiwi) exposed to 50 Hz magnetic field. <i>Bioelectromagnetics</i> , 2005, 26, 153-156.	1.6	8
102	Penetration of Solar Radiation into the Waters of Messina Strait (Italy). <i>Annali Di Chimica</i> , 2005, 95, 177-184.	0.6	13
103	Estimate of the effects of ultraviolet radiation on the mortality of <i>Artemia franciscana</i> in naupliar and adult stages. <i>International Journal of Biometeorology</i> , 2005, 49, 388-395.	3.0	33
104	Extensive spatial analysis of the light environment in a subtropical shallow lake, Laguna Ibera, Argentina. <i>Hydrobiologia</i> , 2005, 534, 181-191.	2.0	14
105	Neotropical wetlands: New instruments in ecosystem management. <i>Wetlands Ecology and Management</i> , 2004, 12, 587-596.	1.5	4
106	Characterization of Persistent Intramolecular C-H...X(N,O) Bonds in Solid State and Solution. <i>Chemistry - A European Journal</i> , 2004, 10, 3177-3183.	3.3	32
107	Solution structure of rifaximin and its synthetic derivative rifaximin OR determined by experimental NMR and theoretical simulation methods. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2163-2172.	3.0	10
108	Inhibition effects of ethanol on the kinetics of glucose metabolism by <i>S. cerevisiae</i> : NMR and modelling study. <i>Chemical Physics Letters</i> , 2004, 387, 377-382.	2.6	26



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109	Boronphenylalanine insertion in cationic liposomes for Boron Neutron Capture Therapy. <i>Biophysical Chemistry</i> , 2004, 111, 27-34.	2.8	22
110	Chemical Waves and Pattern Formation in the 1,2-Dipalmitoyl-sn-glycero-3-phosphocholine/Water Lamellar System. <i>Journal of the American Chemical Society</i> , 2004, 126, 11406-11407.	13.7	42
111	In vivo <sup>13</sup> C-NMR and modelling study of metabolic yield response to ethanol stress in a wild-type strain of <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2004, 564, 63-68.	2.8	22
112	The Spatial Distribution of Optical Properties in the Ultraviolet and Visible in an Aquatic Ecosystem. <i>Photochemistry and Photobiology</i> , 2004, 80, 139-149.	2.5	3
113	The Spatial Distribution of Optical Properties in the Ultraviolet and Visible in an Aquatic Ecosystem. <i>Photochemistry and Photobiology</i> , 2004, 80, 139.	2.5	34
114	Combined use of nuclear magnetic resonance and infrared spectroscopy for studying recognition processes between aminoglycoside antibiotics and albumin. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 489-502.	1.9	6
115	The Analysis of the Seasonal, Spatial, and Compositional Distribution of Humic Substances in a Subtropical Shallow Lake. <i>Clean - Soil, Air, Water</i> , 2003, 31, 461-468.	0.6	18
116	The effect of strong static magnetic field on lymphocytes. <i>Bioelectromagnetics</i> , 2003, 24, 109-117.	1.6	76
117	The effect of exposure to high flux density static and pulsed magnetic fields on lymphocyte function. <i>Bioelectromagnetics</i> , 2003, 24, 373-379.	1.6	34
118	Water-protein and ligand-protein interactions as determined by selective NMR relaxation studies. <i>Macromolecular Symposia</i> , 2003, 203, 89-102.	0.7	0
119	Evidences of Strong C-H...O Bond in <i>trans</i> -Carboranyl $\beta$ -Lactoside in Solution. <i>Journal of the American Chemical Society</i> , 2002, 124, 8778-8779.	13.7	41
120	Modelling energy fluxes in remote wetland ecosystems with the help of remote sensing. <i>Ecological Modelling</i> , 2001, 145, 243-261.	2.5	22
121	Qualitative modelling tools for rural ecosystem management. <i>International Journal of Sustainable Development and World Ecology</i> , 2001, 8, 1-14.	5.9	0
122	Solution structure of hyaluronic acid oligomers by experimental and theoretical NMR, and molecular dynamics simulation. <i>Biopolymers</i> , 2001, 59, 434-445.	2.4	34
123	The use of systems analysis methods in the sustainable management of wetlands. <i>Hydrobiologia</i> , 2001, 458, 191-200.	2.0	10
124	Feedback analysis in reserve management: studying local myths using qualitative models. <i>Ecological Modelling</i> , 2000, 129, 25-37.	2.5	11
125	A modellistic view of the kinetics of metabolic processes: differences in the glucose and xylose degradation pathway. <i>Chemical Physics Letters</i> , 1999, 310, 38-42.	2.6	7
126	A modelling approach for the analysis of xylose $\rightarrow$ ethanol bioconversion. <i>Ecological Modelling</i> , 1998, 113, 157-162.	2.5	6



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127	Molecular Dynamics of Novel $\hat{\pm}$ -Cyclodextrin Adducts Studied by $^{13}\text{C}$ -NMR Relaxation. Journal of Physical Chemistry B, 1997, 101, 5094-5099.	2.6	52
128	Nuclear relaxation studies in ligand-macromolecule affinity index determinations. Chemical Physics Letters, 1997, 264, 205-209.	2.6	27
129	Kinetic Analysis and Comparison of Models of Xylose Metabolism by <i>Klebsiella planticola</i> . Biochemical and Biophysical Research Communications, 1996, 227, 41-46.	2.1	10
130	Modeling Interpretation of Microbe Metabolism Detected by Nuclear Magnetic Resonance. Biochemical and Biophysical Research Communications, 1996, 227, 53-58.	2.1	10
131	DNA-ligand interaction detected by proton selective and non-selective spin-lattice relaxation rate analysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 115, 89-95.	4.7	15
132	Carbon relaxation analysis in proton coupled spin systems. Chemical Physics Letters, 1995, 241, 97-102.	2.6	0
133	Oxygen Radical Scavenger Activity, EPR, NMR, Molecular Mechanics and Extended- $\text{H}^{\text{A}1/4}\text{ckel}$ Molecular Orbital Investigation of the Bis(Piroxicam)Copper(II) Complex. Metal-Based Drugs, 1995, 2, 43-56.	3.8	20
134	Folic Acid: Solution Structure and NMR Strategy for Conformational Analysis. Spectroscopy Letters, 1993, 26, 1603-1611.	1.0	4
135	Nuclear magnetic resonance as a tool for the identification of specific DNA-ligand interaction. Chemical Physics Letters, 1992, 189, 278-280.	2.6	17
136	Contributions of internal motions to molecular dynamics in solution. A nuclear magnetic resonance investigation. Chemical Physics Letters, 1992, 193, 553-556.	2.6	2
137	Proton and carbon chemical shift assignment and dynamic investigation of the macrolide antibiotic tylosin. Magnetic Resonance in Chemistry, 1992, 30, 954-957.	1.9	9
138	Structural determinations from NMR relaxation contributions of exchangeable protons to carbon spin-lattice relaxation rates. Chemical Physics Letters, 1991, 187, 439-441.	2.6	2
139	Selective proton $\hat{\pm}\text{E}$ deuterium substitution for probing molecular structure by NMR relaxation analysis. Chemical Physics Letters, 1991, 180, 19-22.	2.6	2
140	Spatial structure of biomolecules by nuclear relaxation and molecular modelling methods. Makromolekulare Chemie Macromolecular Symposia, 1990, 34, 47-57.	0.6	0
141	Conformational and dynamic investigation in solution of inosine and its molecular complex, inosiplex, by proton and carbon NMR spectroscopy. Magnetic Resonance in Chemistry, 1990, 28, 348-354.	1.9	11
142	Interaction of Purine Nucleotides with Inert Paramagnetic Cr(III) Probes Evaluated by NMR Relaxation Effects. Molecular Mechanics Calculations on Cr(III) and Co(III) Polyphosphate Complexes. Journal of Biomolecular Structure and Dynamics, 1990, 7, 859-878.	3.5	7
143	Metal complexes of the antiinflammatory drug piroxicam. Inorganic Chemistry, 1990, 29, 5197-5200.	4.0	152
144	Proton Detection of Heteronuclear Dipolar Couplings. Spectroscopy Letters, 1989, 22, 561-568.	1.0	1

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145	[10] Selective relaxation techniques. <i>Methods in Enzymology</i> , 1989, 176, 184-199.	1.0	9
146	Nuclear magnetic resonance study of gentiobiose octaacetate in solution. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 223-226.	1.9	4
147	Determination of proton-carbon cross-relaxation from selective proton-carbon spin-lattice relaxation rates and heteronuclear transient NOE. <i>Chemical Physics Letters</i> , 1989, 156, 438-445.	2.6	1
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