

Gareth R Eaton

List of Publications by Year in descending order

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389
papers

11,468
citations

46636

47
h-index

53958

85
g-index

421
all docs

421
docs citations

421
times ranked

18922
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Reactive Oxygen Radicals in Excised Mouse Lung Trapped by Reaction with Hydroxylamine Probes Using 1 GHz Rapid Scan Electron Paramagnetic Resonance. <i>Molecular Imaging and Biology</i> , 2024, 26, 503-510.	2.8	0
2	Toward a Nanoencapsulated EPR Imaging Agent for Clinical Use. <i>Molecular Imaging and Biology</i> , 2024, 26, 525-541.	2.8	0
3	Vibration Analyses of Hybrid Concrete and Cross-laminated Timber Building Case Study. <i>Lecture Notes in Civil Engineering</i> , 2024, , 309-318.	0.0	0
4	The obesity paradox and ventriculoperitoneal shunting in aneurysmal subarachnoid hemorrhage patients undergoing microsurgical clipping. <i>Journal of Clinical Neuroscience</i> , 2024, 120, 42-47.	1.6	0
5	Equivalent Mueller matrix method for 3-D axial error analysis in 2-D SoP measurement. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2024, 41, 589.	2.0	0
6	Electron spin echo spectra and characterization of electronic ground states for lanthanide ions in acidic water:ethanol glasses. <i>Journal of Magnetic Resonance</i> , 2023, 348, 107392.	2.2	3
7	Electron Spin Relaxation of $\text{SO}_2^{\bullet-}$ and $\text{SO}_3^{\bullet-}$ Radicals in Solid $\text{Na}_2\text{S}_2\text{O}_4$, $\text{Na}_2\text{S}_2\text{O}_5$, and $\text{K}_2\text{S}_2\text{O}_5$. <i>Applied Magnetic Resonance</i> , 2023, 54, 849-867.	1.2	1
8	Electron Paramagnetic Resonance, Electronic Ground State, and Electron Spin Relaxation of Seven Lanthanide Ions Bound to Lanmodulin and the Bioinspired Chelator, $3,4,3\text{-LI}(1,2\text{-HOPO})$. <i>Chemistry - A European Journal</i> , 2023, 29, .	3.9	2
9	Cyclic Disulfide-Bridged Dinitroxide Biradical for Measuring Thiol Redox Status by Electron Paramagnetic Resonance. <i>Journal of Physical Chemistry B</i> , 2023, 127, 8762-8768.	2.7	0
10	Cucurbit[7]uril Enhances Distance Measurements of Spin-Labeled Proteins. <i>Journal of the American Chemical Society</i> , 2023, 145, 25726-25736.	14.6	1
11	International implementation of Cognitive Stimulation Therapy in Brazil, India and Tanzania: Findings from the CST International study. <i>Alzheimer's and Dementia</i> , 2023, 19, .	0.7	0
12	Impact of Chlorine Substitution on Electron Spin Relaxation of a Trityl Radical. <i>Applied Magnetic Resonance</i> , 2022, 53, 797-808.	1.2	2
13	Emotional words in Spanish: Adaptation and cross-cultural differences for the affective norms for English words (ANEW) on a sample of Argentinian adults. <i>Behavior Research Methods</i> , 2022, 54, 1595-1610.	4.3	7
14	Myocardial T1, T2, T2*, and fat fraction quantification via low-rank motion-corrected cardiac MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2757-2774.	3.1	24
15	Electron paramagnetic resonance characterization and electron spin relaxation of manganate ion in glassy alkaline LiCl solution and doped into Cs_2SO_4 . <i>Journal of Inorganic Biochemistry</i> , 2022, 229, 111732.	3.7	3
16	<i>CREBRF</i> missense variant rs373863828 has both direct and indirect effects on type 2 diabetes and fasting glucose in Polynesian peoples living in Samoa and Aotearoa New Zealand. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002275.	3.0	5
17	Advances in rapid scan EPR spectroscopy. <i>Methods in Enzymology</i> , 2022, 666, 1-24.	1.7	11
18	Publisher's Note: We Changed Page Numbers to Article Numbers for Articles Published in <i>Audiology Research</i> Volume 10, Issue 1. <i>Audiology Research</i> , 2022, 12, 96-98.	1.9	0

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19	Program of All-Inclusive Care for the Elderly (PACE) versus Other Programs: A Scoping Review of Health Outcomes. <i>Geriatrics (Switzerland)</i> , 2022, 7, 31.	1.7	12
20	Impact of Counter Ion Methyl Groups on Spin Relaxation in $[V(C_6H_4O_2)_3]^{3-}$. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7169-7176.	3.3	5
21	Isolated cutaneous manifestation of COVID-19 managed by telemedicine. <i>Revista de Medicina</i> , 2022, 101, .	0.1	0
22	Synthesis and characterization of a biocompatible $^{13}C_1$ isotopologue of trityl radical OX071 for <i>in vivo</i> EPR viscometry. <i>Analyst, The</i> , 2022, 147, 5643-5648.	3.5	4
23	Pancreatic Cancer: Nanoparticle Targeted Therapy Via Epidermal Growth Factor Receptor. , 2022, , 111-128.		1
24	A Phase 1 randomized study compare the pharmacokinetics, safety and immunogenicity of HLX02 to reference CN- and EU-sourced trastuzumab in healthy subjects. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 87, 349-359.	2.4	14
25	Trehalose as an alternative to glycerol as a glassing agent for <i>in vivo</i> DNP MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 42-48.	3.1	11
26	High-Dose Rescue Tofacitinib Prevented Inpatient Colectomy in Acute Severe Ulcerative Colitis Refractory to Anti-TNF. <i>Inflammatory Bowel Diseases</i> , 2021, 27, e59-e60.	1.9	8
27	Electron paramagnetic resonance of lanthanides. <i>Methods in Enzymology</i> , 2021, 651, 63-101.	1.7	9
28	A multiple camera position approach for accurate displacement measurement using computer vision. <i>Journal of Civil Structural Health Monitoring</i> , 2021, 11, 661-678.	4.1	33
29	Leadless and Wireless Cardiac Devices: The Next Frontier in Remote Patient Monitoring. <i>Current Problems in Cardiology</i> , 2021, 46, 100800.	2.6	9
30	EPR Spectra and Electron Spin Relaxation of O ₂ . <i>Applied Magnetic Resonance</i> , 2021, 52, 1223-1236.	1.2	3
31	Review of Controllers for Low-Power Free-Piston Stirling Convertors. , 2021, , .		1
32	Perchlorinated Triarylmethyl Radical 99% Enriched ^{13}C at the Central Carbon as EPR Spin Probe Highly Sensitive to Molecular Tumbling. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7380-7387.	2.7	5
33	Bis-Spiro-Oxetane and Bis-Spiro-Tetrahydrofuran Pyrroline Nitroxide Radicals: Synthesis and Electron Spin Relaxation Studies. <i>Journal of Organic Chemistry</i> , 2021, 86, 13636-13643.	3.3	8
34	Spin-spin interaction and relaxation in two trityl-nitroxide diradicals. <i>Journal of Magnetic Resonance</i> , 2021, 332, 107078.	2.2	5
35	Ligand control of low-frequency electron paramagnetic resonance linewidth in Cr(III) complexes. <i>Dalton Transactions</i> , 2021, 50, 5342-5350.	3.4	5
36	Novel one-dimensional Cu@C nanofibers: direct solid-state synthesis and applications in electrocatalytic water splitting. <i>Chemical Communications</i> , 2021, 57, 769-772.	4.2	6

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37	Blood-Based Immune Profiling Combined with Machine Learning Discriminates Psoriatic Arthritis from Psoriasis Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10990.	4.2	9
38	Nonadherence to Self-Care Practices, Antihypertensive Medications, and Associated Factors among Hypertensive Patients in a Follow-up Clinic at Asella Referral and Teaching Hospital, Ethiopia: A Cross-Sectional Study. <i>International Journal of Hypertension</i> , 2021, 2021, 1-10.	1.4	2
39	Ischemia/Reperfusion Injury of Fatty Liver Is Protected by A2AR and Exacerbated by A1R Stimulation through Opposite Effects on ASK1 Activation. <i>Cells</i> , 2021, 10, 3171.	4.3	8
40	Whom should we credit for the discovery of isotopes?. <i>Foundations of Chemistry</i> , 2020, 22, 87-98.	1.0	5
41	Procalcitonin utilization in the real world: An observational study of antibiotic prescribing practices. <i>Journal of Evaluation in Clinical Practice</i> , 2020, 26, 1220-1223.	1.8	0
42	Prognostic Significance Of Subtle Coronary Calcification In Patients With Zero Coronary Artery Calcium Score: From The Confirm Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, S60-S61.	1.3	0
43	Rapid ² Scan Electron Paramagnetic Resonance of Highly Resolved Hyperfine Lines in Organic Radicals.. <i>ChemPhysChem</i> , 2020, 21, 2564-2570.	2.3	4
44	Low-velocity impact damage localization of GF/epoxy laminates by the embedded MWCNT@GF sensor network. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9253-9261.	5.9	10
45	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	3.3	24
46	Electron Spin Relaxation of Tb ³⁺ and Tm ³⁺ Ions. <i>Applied Magnetic Resonance</i> , 2020, 51, 961-976.	1.2	4
47	Intrauterine Exposure to Biologics in Inflammatory Autoimmune Diseases: A Systematic Review. <i>Drugs</i> , 2020, 80, 1699-1722.	11.1	17
48	The CTSA program's role in improving rural public health: Community-engaged disease prevention and health care innovation. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 373-376.	0.7	2
49	Urea-Based Macrocyclic Selective for Sulfate and Structurally Sensitive to Water. <i>Crystal Growth and Design</i> , 2020, 20, 4212-4216.	3.2	8
50	β -Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. <i>Cell Reports</i> , 2020, 31, 107634.	6.3	175
51	Event-based Cooperation of Functional Networking Components in Distributed Technological Systems. , 2020, , .		4
52	Supramolecular Approach to Electron Paramagnetic Resonance Distance Measurement of Spin-Labeled Proteins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3291-3299.	2.7	7
53	Excitement about Relaxation: Relaxation and the History of Electron Paramagnetic Resonance. <i>ACS Symposium Series</i> , 2020, , 197-225.	0.0	1
54	Panniculitides of particular interest to the rheumatologist. <i>Advances in Rheumatology</i> , 2019, 59, 35.	1.8	11

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73	Intracanal Cryotherapy Reduces Postoperative Pain in Teeth with Symptomatic Apical Periodontitis: A Randomized Multicenter Clinical Trial. <i>Journal of Endodontics</i> , 2018, 44, 4-8.	3.1	49
74	Azaadamantyl nitroxide spin label: complexation with β -cyclodextrin and electron spin relaxation. <i>Free Radical Research</i> , 2018, 52, 319-326.	3.3	8
75	Measurement of T1e, T1N, T1HE, T2e, and T2HE by Pulse EPR at X-Band for Nitroxides at Concentrations Relevant to Solution DNP. <i>Applied Magnetic Resonance</i> , 2018, 49, 1235-1251.	1.2	17
76	Tabletop 700 MHz electron paramagnetic resonance imaging spectrometer. <i>Concepts in Magnetic Resonance Part B</i> , 2018, 48B, .	0.9	9
77	Continuous wave electron paramagnetic resonance of nitroxide biradicals in fluid solution. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2018, 47A, .	0.5	18
78	Background correction in rapid scan EPR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2018, 293, 1-8.	2.2	8
79	Exploring Immune Development in Infants With Moderate to Severe Atopic Dermatitis. <i>Frontiers in Immunology</i> , 2018, 9, 630.	4.9	18
80	Mechanism of Sml ²⁺ Reduction of 5-Bromo-6-oxo-6-phenylhexyl Methanesulfonate Studied by Spin Trapping with 2-Methyl-2-nitrosopropane. <i>Journal of Organic Chemistry</i> , 2018, 83, 10688-10692.	3.3	3
81	Hepatic resection for elderly patients with hepatocellular carcinoma: a systematic review of more than 17,000 patients. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 1059-1068.	3.0	20
82	Rendimento do cariru, Talinum triangulare, em sistema de cultivo hidropônico. <i>Scientia Plena</i> , 2018, 14, .	0.2	1
83	SAT-Versus SMT-Based BMC for TWIS and the Existential Fragment of WCTL with Knowledge. <i>Smart Innovation, Systems and Technologies</i> , 2018, , 110-120.	0.0	0
84	Influence of Metal-Coated Graphite Powders on Microstructure and Properties of the Bronze-Matrix/Graphite Composites. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 792-801.	2.4	13
85	Electron spin relaxation of a boron-containing heterocyclic radical. <i>Journal of Magnetic Resonance</i> , 2017, 276, 7-13.	2.2	4
86	Imaging thiol redox status in murine tumors in vivo with rapid-scan electron paramagnetic resonance. <i>Journal of Magnetic Resonance</i> , 2017, 276, 31-36.	2.2	48
87	Rapid-scan EPR imaging. <i>Journal of Magnetic Resonance</i> , 2017, 280, 140-148.	2.2	32
88	Electron Spin Relaxation and Biochemical Characterization of the Hydrogenase Maturase HydF: Insights into [2Fe-2S] and [4Fe-4S] Cluster Communication and Hydrogenase Activation. <i>Biochemistry</i> , 2017, 56, 3234-3247.	2.6	12
89	Synthesis and Electron Spin Relaxation of Tetracarboxylate Pyrroline Nitroxides. <i>Journal of Organic Chemistry</i> , 2017, 82, 1538-1544.	3.3	22
90	Triarylmethyl Radical: EPR Signal to Noise at Frequencies between 250 MHz and 1.5 GHz and Dependence of Relaxation on Radical and Salt Concentration and on Frequency. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 231, 923-937.	2.8	7

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91	Subtyping of Type 1 Diabetes as Classified by Anti-GAD Antibody, IgE Levels, and Tyrosine kinase 2 (TYK2) Promoter Variant in the Japanese. <i>EBioMedicine</i> , 2017, 23, 46-51.	6.0	12
92	Six Decades of Progress in Magnetic Resonance: The Contributions of James S. Hyde. <i>Applied Magnetic Resonance</i> , 2017, 48, 1093-1102.	1.2	1
93	Low Doses of <i>Curcuma longa</i> Modulates Cell Migration and Cell-Cell Adhesion. <i>Phytotherapy Research</i> , 2017, 31, 1433-1440.	5.9	25
94	An X-Band Crossed-Loop EPR Resonator. <i>Applied Magnetic Resonance</i> , 2017, 48, 1219-1226.	1.2	5
95	Resonators for In Vivo Imaging: Practical Experience. <i>Applied Magnetic Resonance</i> , 2017, 48, 1227-1247.	1.2	12
96	Amygdala-prefrontal cortical functional connectivity during implicit emotion processing differentiates youth with bipolar spectrum from youth with externalizing disorders. <i>Journal of Affective Disorders</i> , 2017, 208, 94-100.	4.2	33
97	A STUDY ON FACILITY EVALUATION METHOD OF COMPREHENSIVE MANAGEMENT PLAN FOR PUBLIC FACILITIES AND INFRASTRUCTURES. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2017, 82, 2927-2937.	0.3	5
98	Melatonin and the Prevention and Management of Delirium: A Scoping Study. <i>Frontiers in Medicine</i> , 2017, 4, 242.	2.7	17
99	Triarylmethyl Radical Oximetry: Electron Spin Relaxation at 250 MHz and RF Frequency Dependence of Relaxation and Signal-to-Noise. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 327-334.	0.0	4
100	Dependence of electron paramagnetic resonance spectral lineshapes on molecular tumbling: Nitroxide radical in water:glycerol mixtures. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2016, 45A, .	0.5	14
101	Rapid Scan Electron Paramagnetic Resonance Opens New Avenues for Imaging Physiologically Important Parameters & In Vivo; <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	8
102	Antimicrobial Activity of Nisin and Natamycin Incorporated Sodium Caseinate Extrusion-Blown Films: A Comparative Study with Heat-Pressed/Solution Cast Films. <i>Journal of Food Science</i> , 2016, 81, E1141-50.	3.2	7
103	Designing Molecular Probes To Prolong Intracellular Retention: Application to Nitroxide Spin Probes. <i>Bioconjugate Chemistry</i> , 2016, 27, 2923-2930.	3.8	4
104	Effect of Lanthanide and Cobalt Ions on Electron Spin Relaxation of Tempone in Glassy Water:Glycerol at 20 to 200 K. <i>Applied Magnetic Resonance</i> , 2016, 47, 1123-1134.	1.2	3
105	Choosing the Optimal Number of B-spline Control Points (Part 1: Methodology and Approximation of) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	1.1	29
106	Neuroinflammation: Brain on Fire?. <i>ACS Chemical Neuroscience</i> , 2016, 7, 415-415.	3.7	1
107	Fracture and Growth Are Competing Forces Determining the Fate of Conformers in Tau Fibril Populations. <i>Journal of Biological Chemistry</i> , 2016, 291, 12271-12281.	3.5	30
108	Comparison of Continuous Wave and Rapid Scan X-band Electron Paramagnetic Resonance of Irradiated Clipped Fingernails. <i>Radiation Protection Dosimetry</i> , 2016, 172, 133-138.	0.8	3

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109	False HDAC Inhibition by Aurone Compound. Chemical and Pharmaceutical Bulletin, 2016, 64, 1124-1128.	1.3	11
110	<scp>UHF EPR</scp> spectrometer operating at frequencies between 400ÂMHz and 1ÂGHz. Concepts in Magnetic Resonance Part B, 2016, 46B, 123-133.	0.9	7
111	Silicon as a potential anode material for Li-ion batteries: where size, geometry and structure matter. Nanoscale, 2016, 8, 74-103.	5.8	595
112	Rapid scan electron paramagnetic resonance at 1.0ÂGHz of defect centers in $\hat{1}^3$ -irradiated organic solids. Radiation Measurements, 2016, 85, 57-63.	1.4	9
113	E-business Utilization in Supply Chain Management of UK Textile Manufacturing Industry. DEStech Transactions on Economics Business and Management, 2016, , .	0.0	0
114	Baryon acoustic oscillations in the Ly<i>Î±</i> forest of BOSS DR11 quasars. Astronomy and Astrophysics, 2015, 574, A59.	5.3	703
115	Mechanistic insights into the structureâ€dependent selectivity of catalytic furfural conversion on platinum catalysts. AIChE Journal, 2015, 61, 3812-3824.	3.6	54
116	Using Public Transport Can Make Up for Flying Abroad on Holiday. Environment and Behavior, 2015, 47, 184-204.	4.5	77
117	Electron spin relaxation times and rapid scan EPR imaging of pHâ€sensitive aminoâ€substituted trityl radicals. Magnetic Resonance in Chemistry, 2015, 53, 280-284.	2.0	15
118	Room-Temperature Distance Measurements of Immobilized Spin-Labeled Protein by DEER/PELDOR. Biophysical Journal, 2015, 108, 1213-1219.	0.5	94
119	X-Band Rapid-Scan Electron Paramagnetic Resonance of Radiation-Induced Defects in Tooth Enamel. Radiation Research, 2015, 184, 175.	1.5	6
120	Gadolinium-Loaded Viral Capsids as Magnetic Resonance Imaging Contrast Agents. Applied Magnetic Resonance, 2015, 46, 349-355.	1.2	20
121	Gateways to the FANTOM5 promoter level mammalian expression atlas. Genome Biology, 2015, 16, 22.	7.3	713
122	Field-stepped direct detection electron paramagnetic resonance. Journal of Magnetic Resonance, 2015, 258, 58-64.	2.2	15
123	Multifrequency Pulsed EPR and the Characterization of Molecular Dynamics. Methods in Enzymology, 2015, 563, 37-58.	1.7	4
124	Multiharmonic electron paramagnetic resonance for extended samples with both narrow and broad lines. Journal of Magnetic Resonance, 2015, 254, 86-92.	2.2	12
125	Imaging disulfide dinitroxides at 250 MHz to monitor thiol redox status. Journal of Magnetic Resonance, 2015, 260, 77-82.	2.2	21
126	Rapid-scan coherence signals in X-band EPR spectra of semiquinones with small hyperfine splittings. Journal of Magnetic Resonance, 2015, 259, 20-23.	2.2	3

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127	Improved Sensitivity for Imaging Spin Trapped Hydroxyl Radical at 250 MHz. ChemPhysChem, 2015, 16, 528-531.	2.3	23
128	Modulation Techniques to Reduce Leakage Current in Three-Phase Transformerless H7 Photovoltaic Inverter. IEEE Transactions on Industrial Electronics, 2015, 62, 322-331.	8.2	150
129	Rapid-Scan EPR of Nitroxide Spin Labels and Semiquinones. Methods in Enzymology, 2015, 563, 3-21.	1.7	8
130	New spectral-spatial imaging algorithm for full EPR spectra of multiline nitroxides and pH sensitive trityl radicals. Journal of Magnetic Resonance, 2014, 245, 150-155.	2.2	18
131	In-situ thermal conductivity measurement of magnetic nanoparticle layers in Lab-on-a-Chip devices. , 2014, , .		0
132	MobileMiner. , 2014, , .		108
133	ECONOMIC EVALUATION OF DIAGNOSTIC LOCALIZATION FOLLOWING BIOCHEMICAL PROSTATE CANCER RECURRENCE. International Journal of Technology Assessment in Health Care, 2014, 30, 345-353.	0.5	3
134	Examining Antecedents of Caregivers' Access to Early Childhood Developmental Screening: Implications for Campaigns Promoting Use of Services in Appalachian Ohio. Health Promotion Practice, 2014, 15, 413-421.	1.7	4
135	Single Mutations in Tau Modulate the Populations of Fibril Conformers through Seed Selection. Angewandte Chemie, 2014, 126, 1616-1619.	2.1	5
136	Imaging of nitroxides at 250MHz using rapid-scan electron paramagnetic resonance. Journal of Magnetic Resonance, 2014, 242, 162-168.	2.2	29
137	Synthesis, characterization, thermal and DNA-binding properties of new zinc complexes with 2-hydroxyphenones. Journal of Inorganic Biochemistry, 2014, 134, 66-75.	3.7	30
138	Rapid-Scan Electron Paramagnetic Resonance. , 2014, , 3-67.		17
139	Digitally generated excitation and near-baseband quadrature detection of rapid scan EPR signals. Journal of Magnetic Resonance, 2014, 249, 126-134.	2.2	8
140	X-band Electron Spin Relaxation Times for Four Aromatic Radicals in Fluid Solution and Comparison with Other Organic Radicals. Applied Magnetic Resonance, 2014, 45, 993-1007.	1.2	23
141	Rapid-scan EPR of immobilized nitroxides. Journal of Magnetic Resonance, 2014, 247, 67-71.	2.2	21
142	Disulfiram targeting lymphoid malignant cell lines via ROS-JNK activation as well as Nrf2 and NF- κ B pathway inhibition. Journal of Translational Medicine, 2014, 12, 163.	4.5	86
143	Frequency dependence of electron spin-lattice relaxation for semiquinones in alcohol solutions. Journal of Magnetic Resonance, 2014, 247, 81-87.	2.2	6
144	The kinetics of uptake and recovery of lanthanum using freshwater algae as biosorbents: Comparative analysis. Bioresource Technology, 2014, 160, 43-51.	9.7	77

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145	Single Mutations in Tau Modulate the Populations of Fibril Conformers through Seed Selection. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1590-1593.	14.8	39
146	Use of Rapid-Scan EPR to Improve Detection Sensitivity for Spin-Trapped Radicals. <i>Biophysical Journal</i> , 2013, 105, 338-342.	0.5	55
147	X-band rapid-scan EPR of samples with long electron spin relaxation times: a comparison of continuous wave, pulse and rapid-scan EPR. <i>Molecular Physics</i> , 2013, 111, 2664-2673.	1.7	49
149	Temperature Dependence of Electron Spin Relaxation of 2,2-Diphenyl-1-Picrylhydrazyl in Polystyrene. <i>Applied Magnetic Resonance</i> , 2013, 44, 509-517.	1.2	8
150	Computationally Efficient Steady-State Solution of the Bloch Equations for Rapid Sinusoidal Scans Based on Fourier Expansion in Harmonics of the Scan Frequency. <i>Applied Magnetic Resonance</i> , 2013, 44, 1373-1379.	1.2	6
151	Electron spin-lattice relaxation mechanisms of rapidly-tumbling nitroxide radicals. <i>Journal of Magnetic Resonance</i> , 2013, 236, 47-56.	2.2	50
152	Thermodynamic re-assessment of the Ni-Sn system. <i>International Journal of Materials Research</i> , 2013, 104, 51-59.	0.4	17
153	Remote delivery of hydroxyl radicals via secondary chemistry of a nonthermal plasma effluent. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1936-1944.	3.5	23
154	Some Common Fixed Point Theorems for Contraction Type Mappings in 0-Complete Partial Metric Spaces. <i>Journal of Mathematics</i> , 2013, 2013, 1-7.	1.0	20
155	N-n-Butyl Haloperidol Iodide Ameliorates Cardiomyocytes Hypoxia/Reoxygenation Injury by Extracellular Calcium-Dependent and -Independent Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12.	4.1	10
156	Threshold voltage modulation mechanism of AlGaN/GaN metal-insulator-semiconductor high-electron mobility transistors with fluorinated Al ₂ O ₃ as gate dielectrics. <i>Applied Physics Letters</i> , 2012, 100, .	3.2	7
157	Behavioral dimensions of food security. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12315-12320.	7.6	80
158	Uncertainty analysis for absorption and first-derivative electron paramagnetic resonance spectra. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2012, 40A, 295-305.	0.5	22
159	A resonated coil driver for rapid scan EPR. <i>Concepts in Magnetic Resonance Part B</i> , 2012, 41B, 95-110.	0.9	31
160	Conformational Basis for Asymmetric Seeding Barrier in Filaments of Three- and Four-Repeat Tau. <i>Journal of the American Chemical Society</i> , 2012, 134, 10271-10278.	14.6	64
161	Organic Radical Contrast Agents for Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2012, 134, 15724-15727.	14.6	156
162	Influence of sulphur-fumigation on the quality of white ginseng: A quantitative evaluation of major ginsenosides by high performance liquid chromatography. <i>Food Chemistry</i> , 2012, 135, 1141-1147.	8.4	42

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163	Corrections for sinusoidal background and non-orthogonality of signal channels in sinusoidal rapid magnetic field scans. <i>Journal of Magnetic Resonance</i> , 2012, 223, 80-84.	2.2	32
164	The world as viewed by and with unpaired electrons. <i>Journal of Magnetic Resonance</i> , 2012, 223, 151-163.	2.2	15
165	Frequency dependence of electron spin relaxation times in aqueous solution for a nitronyl nitroxide radical and perdeuterated-tempone between 250MHz and 34GHz. <i>Journal of Magnetic Resonance</i> , 2012, 225, 52-57.	2.2	18
166	Object and Scene Recognition. , 2012, , 269-286.		0
167	Metabolic factors and blood cancers among 578,000 adults in the metabolic syndrome and cancer project (Me-Can). <i>Annals of Hematology</i> , 2012, 91, 1519-1531.	1.8	39
168	The effect of physiological concentrations of bile acids on in vitro growth of <i>Mycobacterium tuberculosis</i> . <i>South African Medical Journal</i> , 2012, 102, 522.	0.8	6
169	Nitroxide Radicals@US@Tubes: New Spin Labels for Biomedical Applications. <i>Advanced Functional Materials</i> , 2012, 22, 3691-3698.	16.5	22
170	Comment on "Dynamical (e, 2e) studies using tetrahydrofuran as a DNA analog" [J. Chem. Phys. 133, 124302 (2010)]. <i>Journal of Chemical Physics</i> , 2012, 136, 237101.	3.1	8
171	X-band rapid-scan EPR of nitroxyl radicals. <i>Journal of Magnetic Resonance</i> , 2012, 214, 221-226.	2.2	45
172	Synthesis and calcium channel antagonist activity of novel 1,4-dihydropyridine derivatives possessing 4-pyrone moieties. <i>Medicinal Chemistry Research</i> , 2012, 21, 284-292.	2.5	15
173	Milheto na alimentaÃ§Ã£o de codornas japonesas. <i>Revista Brasileira De Saude E Producao Animal</i> , 2012, 13, 150-159.	0.3	5
174	Embryonic caffeine acts via A1 adenosine receptors to induce adverse effects in adulthood. <i>FASEB Journal</i> , 2012, 26, 83.4.	0.5	0
175	Electron Spin Relaxation and Heterogeneity of the 1:1 $\hat{1}\pm, \hat{1}^3$ -Bisdiphenylene- $\hat{1}^2$ -phenylallyl (BDPA)/Benzene Complex. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7986-7990.	2.7	34
176	Calix[4]arene nitroxide tetradical and octaradical. <i>Chemical Communications</i> , 2011, 47, 6443.	4.2	27
177	Multifrequency EPR: Experimental Considerations. , 2011, , 229-294.		4
178	Cardiopulmonary resuscitation traumatic cardiac arrest - there are survivors. An analysis of two national emergency registries. <i>Critical Care</i> , 2011, 15, R276.	6.0	68
179	Low-Intensity Ultrasound Alleviates Osteoarthritis In Vitro and in a Rabbit Model. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2011, 5, .	0.7	0
180	Monitoring microbial redox transformations of metal and metalloid elements under high pressure using <i>in situ</i> X-ray absorption spectroscopy. <i>Geobiology</i> , 2011, 9, 196-204.	2.6	15

#	ARTICLE	IF	CITATIONS
181	Rapid frequency scan EPR. <i>Journal of Magnetic Resonance</i> , 2011, 211, 156-161.	2.2	29
182	Use of polyphase continuous excitation based on the Frank sequence in EPR. <i>Journal of Magnetic Resonance</i> , 2011, 211, 221-227.	2.2	7
183	Relaxation times and line widths of isotopically-substituted nitroxides in aqueous solution at X-band. <i>Journal of Magnetic Resonance</i> , 2011, 212, 370-377.	2.2	42
184	Digital EPR with an arbitrary waveform generator and direct detection at the carrier frequency. <i>Journal of Magnetic Resonance</i> , 2011, 213, 119-25.	2.2	33
185	Comparison of continuous wave, spin echo, and rapid scan EPR of irradiated fused quartz. <i>Radiation Measurements</i> , 2011, 46, 993-996.	1.4	37
186	Impact of SOD-Mimetic Manganoporphyrins on Spin Trapping of Superoxide and Related Artifacts. <i>Applied Magnetic Resonance</i> , 2011, 40, 125-134.	1.2	3
187	Deconvolution of sinusoidal rapid EPR scans. <i>Journal of Magnetic Resonance</i> , 2011, 208, 279-283.	2.2	54
188	Reconstruction of the first-derivative EPR spectrum from multiple harmonics of the field-modulated continuous wave signal. <i>Journal of Magnetic Resonance</i> , 2011, 209, 277-281.	2.2	23
189	Electron transfer flavoprotein domain II orientation monitored using double electron-electron resonance between an enzymatically reduced, native FAD cofactor, and spin labels. <i>Protein Science</i> , 2011, 20, 610-620.	7.8	13
190	Crystal structure of a soluble form of human monoglyceride lipase in complex with an inhibitor at 1.35 Å... resolution. <i>Protein Science</i> , 2011, 20, 670-683.	7.8	106
191	Crystal structure of the Nogo receptor-2. <i>Protein Science</i> , 2011, 20, 684-689.	7.8	9
192	A general purpose Q-measuring circuit using pulse ring-down. <i>Concepts in Magnetic Resonance Part B</i> , 2011, 39B, 43-46.	0.9	15
193	Use of the Frank sequence in pulsed EPR. <i>Journal of Magnetic Resonance</i> , 2011, 209, 306-309.	2.2	9
194	Multifrequency Electron Spin-Relaxation Times. , 2011, , 719-753.		7
195	Multifrequency EPR on Photosynthetic Systems. , 2011, , 875-911.		3
196	Angiotensin 11 Enhances Interleukin-1.BETA.-Induced MMP-9 Secretion in Adult Rat Cardiac Fibroblasts. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 735-739.	0.9	17
197	A signal-to-noise standard for pulsed EPR. <i>Journal of Magnetic Resonance</i> , 2010, 205, 109-113.	2.2	18
198	Impact of Chlorine Substitution on Spin-Lattice Relaxation of Triarylmethyl and 1,4-Benzosemiquinone Radicals in Glass-Forming Solvents Between 25 and 295ÅK. <i>Applied Magnetic Resonance</i> , 2010, 37, 649-656.	1.2	7

#	ARTICLE	IF	CITATIONS
199	EPR Study of Ligand Effects in Spin Triads of Bis(o-Semiquinonato)Copper(II) Complexes. Applied Magnetic Resonance, 2010, 37, 693-701.	1.2	11
200	A very fast switched attenuator circuit for microwave and RF applications. Concepts in Magnetic Resonance Part B, 2010, 37B, 39-44.	0.9	7
201	A wire-crossed loop resonator for rapid scan EPR. Concepts in Magnetic Resonance Part B, 2010, 37B, 86-91.	0.9	24
202	A Spirocyclohexyl Nitroxide Amino Acid Spin Label for Pulsed EPR Spectroscopy Distance Measurements. Chemistry - A European Journal, 2010, 16, 5778-5782.	3.9	63
203	Correlation between the combined sensory index and clinical outcome after carpal tunnel decompression: A retrospective review. Muscle and Nerve, 2010, 41, 453-457.	2.3	25
204	Combining absorption and dispersion signals to improve signal-to-noise for rapid-scan EPR imaging. Journal of Magnetic Resonance, 2010, 203, 305-310.	2.2	30
205	Quantitative rapid scan EPR spectroscopy at 258MHz. Journal of Magnetic Resonance, 2010, 205, 23-27.	2.2	19
206	Análise radiográfica dos fatores prognósticos no tratamento do quadril displásico inveterado. Acta Ortopédica Brasileira, 2010, 18, 218-223.	0.4	5
207	Incident Comorbidity Among Patients with Rheumatoid Arthritis Treated or Not with Low-dose Glucocorticoids: A Retrospective Study. Journal of Rheumatology, 2010, 37, 2232-2236.	2.1	39
208	Milk leptin in sows and blood leptin and growth of their offspring ^{1,2} . Journal of Animal Science, 2009, 87, 1659-1663.	0.5	4
209	Yin Yang 1 Modulates Taxane Response in Epithelial Ovarian Cancer. Molecular Cancer Research, 2009, 7, 210-220.	3.5	55
210	Frequency dependence of pulsed EPR experiments. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2009, 34A, 315-321.	0.5	3
211	A linear magnetic field scan driver. Concepts in Magnetic Resonance Part B, 2009, 35B, 44-58.	0.9	27
212	Background removal procedure for rapid scan EPR. Journal of Magnetic Resonance, 2009, 196, 48-53.	2.2	25
213	Electron spin relaxation rates for semiquinones between 25 and 295K in glass-forming solvents. Journal of Magnetic Resonance, 2009, 198, 111-120.	2.2	20
214	DEER Distance Measurement Between a Spin Label and a Native FAD Semiquinone in Electron Transfer Flavoprotein. Journal of the American Chemical Society, 2009, 131, 15978-15979.	14.6	21
215	Relaxation rates for spirocyclohexyl nitroxyl radicals are suitable for interspin distance measurements at temperatures up to about 125 K. Chemical Communications, 2009, , 454-456.	4.2	35
216	Interaction of Radical Pairs Through-Bond and Through-Space: Scope and Limitations of the Point Dipole Approximation in Electron Paramagnetic Resonance Spectroscopy. Journal of the American Chemical Society, 2009, 131, 10092-10106.	14.6	119

#	ARTICLE	IF	CITATIONS
217	Scaling Effects for Synchronous vs. Asynchronous Video in Multi-robot Search. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 364-368.	0.5	1
218	Watershed development in India. 2. New approaches for managing externalities and meeting sustainability requirements. Environment, Development and Sustainability, 2008, 10, 427-440.	5.0	23
219	Electron spin relaxation enhancement measurements of interspin distances in human, porcine, and Rhodobacter electron transfer flavoprotein-ubiquinone oxidoreductase (ETF-QO). Journal of Magnetic Resonance, 2008, 190, 222-232.	2.2	17
220	Electron spin-lattice relaxation of nitroxyl radicals in temperature ranges that span glassy solutions to low-viscosity liquids. Journal of Magnetic Resonance, 2008, 191, 66-77.	2.2	59
221	Regularized optimization (RO) reconstruction for oximetric EPR imaging. Journal of Magnetic Resonance, 2008, 194, 212-221.	2.2	16
222	Electron-Electron Distances in Spin-Labeled Low-Spin Metmyoglobin Variants by Relaxation Enhancement. Biophysical Journal, 2008, 95, 5306-5316.	0.5	16
223	Rhinitis and Asthma Comorbidity in Spain: The RINAIR Study. Archivos De Bronconeumologia, 2008, 44, 597-603.	1.0	4
224	Impact of Electron-Electron Spin Interaction on Electron Spin Relaxation of Nitroxide Diradicals and Tetradical in Glassy Solvents Between 10 and 300 K. Journal of Physical Chemistry B, 2008, 112, 2818-2828.	2.7	75
225	The Iron-Sulfur Cluster of Electron Transfer Flavoprotein-Ubiquinone Oxidoreductase Is the Electron Acceptor for Electron Transfer Flavoprotein. Biochemistry, 2008, 47, 8894-8901.	2.6	25
226	Impact of Mutations on the Midpoint Potential of the [4Fe-4S] ^{+1,+2} Cluster and on Catalytic Activity in Electron Transfer Flavoprotein-ubiquinone Oxidoreductase (ETF-QO). Biochemistry, 2008, 47, 92-100.	2.6	35
227	Modeling the Wet Bulb Globe Temperature Using Standard Meteorological Measurements. Journal of Occupational and Environmental Hygiene, 2008, 5, 645-655.	1.2	227
228	OPTICAL RESPONSE OF MOLECULAR CRYSTALS TO NON-HYDROSTATIC COMPRESSION IN DIAMOND ANVIL CELL EXPERIMENTS. AIP Conference Proceedings, 2008, , .	1.0	0
229	Steady-State Thermal Simulation of Weld Applied to a Practical Axisymmetric Weldment. Journal of Pressure Vessel Technology, Transactions of the ASME, 2007, 129, 262-271.	0.7	0
230	Electron Spin Relaxation in x-Lithium Phthalocyanine. Journal of Physical Chemistry B, 2007, 111, 7972-7977.	2.7	7
231	Electron spin relaxation of radicals in irradiated tooth enamel and synthetic hydroxyapatite. Radiation Measurements, 2007, 42, 997-1004.	1.4	18
232	Distribution and Fate of Organotin Compounds in Japanese Coastal Waters. Water, Air, and Soil Pollution, 2007, 178, 255-265.	2.5	31
233	Comparison of maximum entropy and filtered back-projection methods to reconstruct rapid-scan EPR images. Journal of Magnetic Resonance, 2007, 184, 157-168.	2.2	36
234	Blood Glucose-lowering Activity of Colestimide in Patients with Type 2 Diabetes and Hypercholesterolemia: A Case-control Study Comparing Colestimide with Acarbose. Journal of Nippon Medical School, 2006, 73, 277-284.	1.0	37

#	ARTICLE	IF	CITATIONS
235	Electron spin relaxation of copper(II) complexes in glassy solution between 10 and 120K. Journal of Magnetic Resonance, 2006, 179, 92-104.	2.2	50
236	EPR at work: Part 1. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2006, 28A, 1-25.	0.5	7
237	EPR at work: Part 2. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2006, 28A, 26-50.	0.5	0
238	EPR at work: Part 3. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2006, 28A, 51-75.	0.5	0
239	EPR at work: Part 4. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2006, 28A, 76-100.	0.5	0
240	Fast-response VHF pulsed 2 KW power amplifiers. Concepts in Magnetic Resonance Part B, 2006, 29B, 185-190.	0.9	5
241	Aesthetics and Professionalism of Virtual Servicescapes. Journal of Service Research, 2006, 8, 245-259.	12.4	91
242	The protease inhibitor, Bowman-Birk Inhibitor, suppresses experimental autoimmune encephalomyelitis: a potential oral therapy for multiple sclerosis. Multiple Sclerosis Journal, 2006, 12, 688-697.	3.3	45
243	Rapid-scan EPR with triangular scans and fourier deconvolution to recover the slow-scan spectrum. Journal of Magnetic Resonance, 2005, 175, 44-51.	2.2	80
244	Electron spin relaxation times for the alanine radical in two dosimeters. Applied Radiation and Isotopes, 2005, 62, 129-132.	1.5	3
245	Introduction and conference report. Applied Radiation and Isotopes, 2005, 62, 115.	1.5	0
246	The "New Sharing Ethic" in Cyberspace. Journal of World Intellectual Property, 2005, 5, 129-139.	0.6	3
247	Pulsed saturation recovery 250 MHz electron paramagnetic resonance spectrometer. Concepts in Magnetic Resonance Part B, 2005, 26B, 23-27.	0.9	5
248	Fast-response VHF-band pulsed power amplifiers. Concepts in Magnetic Resonance Part B, 2005, 27B, 1-7.	0.9	5
249	Photochemical Regulation of DNA-Binding Specificity of MyoD. Angewandte Chemie, 2005, 117, 7956-7960.	2.1	24
250	Frequency (250MHz to 9.2GHz) and viscosity dependence of electron spin relaxation of triarylmethyl radicals at room temperature. Journal of Magnetic Resonance, 2005, 172, 168-175.	2.2	100
251	Role of Site Selection for Left Ventriculoplasty to Treat Idiopathic Dilated Cardiomyopathy. Heart Failure Reviews, 2005, 9, 329-336.	3.9	28
252	The Impact of Flooding on the Mental Health of Affected People in South Korea. Community Mental Health Journal, 2005, 41, 633-645.	2.1	46

#	ARTICLE	IF	CITATIONS
253	1-Amino-N,N-dibenzyl-1,6-dideoxy- β -L-fructofuranose. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o995-o997.	0.2	1
254	Characterization of titanium dopants in sodium alanate by electron paramagnetic resonance spectroscopy. Journal of Materials Research, 2005, 20, 3265-3269.	2.6	15
255	0.7 W all-fiber Erbium oscillator generating 64 fs wave breaking-free pulses. Optics Express, 2005, 13, 6305.	3.4	31
256	Loop-Gap Resonators. , 2005, , 19-52.		19
257	Cyclosporin A differentially inhibits multiple steps in VEGF induced angiogenesis in human microvascular endothelial cells through altered intracellular signaling. Cell Communication and Signaling, 2004, 2, 3.	6.7	63
258	Direct-detected rapid-scan EPR at 250MHz. Journal of Magnetic Resonance, 2004, 170, 127-135.	2.2	90
259	Substitutional n-Type Doping of an Organic Semiconductor Investigated by Electron Paramagnetic Resonance Spectroscopy. Journal of Physical Chemistry B, 2004, 108, 17329-17336.	2.7	46
260	Frequency Dependence of Electron Spin Relaxation of Nitroxyl Radicals in Fluid Solution. Journal of Physical Chemistry B, 2004, 108, 9475-9481.	2.7	44
261	Chymase-positive mast cells in small sized adenocarcinoma of the lung. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2003, 443, 565-573.	2.9	43
262	Biogeographical zonation of the western Iberian peninsula on the basis of the distribution of earthworm species. Journal of Biogeography, 2003, 24, 893-901.	3.0	21
263	Comparison of electron spin relaxation times measured by Carr-Purcell-Meiboom-Gill and two-pulse spin-echo sequences. Journal of Magnetic Resonance, 2003, 164, 44-53.	2.2	31
264	A multiplex polymerase chain reaction for a differential diagnosis of Plasmodium falciparum and Plasmodium vivax. Parasitology International, 2003, 52, 229-236.	1.4	28
265	Synthesis of a Pyridinium Bis[citrato(2 β)]oxochromate(V) Complex and Its Ligand-Exchange Reactions. Inorganic Chemistry, 2003, 42, 6458-6468.	4.2	23
266	Electron Spin-Lattice Relaxation Processes of Radicals in Irradiated Crystalline Organic Compounds. Journal of Physical Chemistry A, 2003, 107, 598-610.	2.6	40
267	From Planar Toward Tetrahedral Copper(II) Complexes: Structural and Electron Paramagnetic Resonance Studies of Substituent Steric Effects in an Extended Class of Pyrrolate-Imine Ligands. Journal of Coordination Chemistry, 2003, 56, 975-993.	2.1	26
268	P341 Oesophageal perforation presenting as a chest infection. European Journal of Internal Medicine, 2003, 14, S126.	2.3	0
269	The sypA, sypB, and sypC Synthetase Genes Encode Twenty-Two Modules Involved in the Nonribosomal Peptide Synthesis of Syringopeptin by Pseudomonas syringae pv. syringae B301D. Molecular Plant-Microbe Interactions, 2003, 16, 271-280.	2.8	104
270	Integrationszentrum oder ausf $\frac{1}{4}$ hrende Struktur? Neue Befunde zur Stellung des Mittelhirns der Wirbeltiere. E-Neuroforum, 2003, 9, 87-93.	0.1	0

#	ARTICLE	IF	CITATIONS
271	Barbed Wire was an Invention to Control American Cows: What is Required in a Neo-Darwinian Theory of Cultural Behaviour?: Darwin and Archaeology: a Handbook of Key Concepts, edited by John P. Hart & John E. Terrell, 2002. Wesport (CT): Bergin & Garvey; ISBN 0-89789-878-8 hardback, £44 & US\$67.95; ISBN 0-89789-879-6 paperback, £18.50 & US\$21.95, xviii + 259 pp.. Cambridge Archaeological Journal, 2003, 13, 288-293.	1.2	1
272	Expression of human electron transfer flavoprotein-ubiquinone oxidoreductase from a baculovirus vector: kinetic and spectral characterization of the human protein. Biochemical Journal, 2002, 364, 659-667.	3.8	26
273	The Landscape and the Horizons: An Introduction to the Science of William N. Lipscomb. ACS Symposium Series, 2002, , 2-17.	0.0	1
274	Performance of adaptive dual-dropping ILUT preconditioners in semiconductor dopant diffusion simulation. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2002, 15, 147-167.	1.9	2
275	Frequency Dependence of EPR Signal Intensity, 248 MHz to 1.4 GHz. Journal of Magnetic Resonance, 2002, 154, 80-84.	2.2	27
276	Enhanced Signal Intensities Obtained by Out-of-Phase Rapid-Passage EPR for Samples with Long Electron Spin Relaxation Times. Journal of Magnetic Resonance, 2002, 156, 41-51.	2.2	51
277	Frequency Dependence of EPR Signal Intensity, 250 MHz to 9.1 GHz. Journal of Magnetic Resonance, 2002, 156, 113-121.	2.2	31
278	250 MHz crossed-loop resonator for pulsed electron paramagnetic resonance. Concepts in Magnetic Resonance, 2002, 15, 37-46.	1.3	44
279	Adapting a hall probe controller for current control of an air-core magnet. Concepts in Magnetic Resonance, 2002, 15, 47-50.	1.3	4
280	Magnet and gradient coil system for low-field EPR imaging. Concepts in Magnetic Resonance, 2002, 15, 51-58.	1.3	41
281	A pulsed and continuous wave 250 MHz electron paramagnetic resonance spectrometer. Concepts in Magnetic Resonance, 2002, 15, 59-91.	1.3	55
282	Electron spin lattice relaxation in radicals containing two methyl groups, generated by $\hat{\gamma}^3$ -irradiation of polycrystalline solids. Journal of Magnetic Resonance, 2002, 159, 195-206.	2.2	21
283	Electron Spin Relaxation of Triarylmethyl Radicals in Fluid Solution. Journal of Magnetic Resonance, 2001, 152, 156-161.	2.2	82
284	An L-Band Crossed-Loop (Bimodal) EPR Resonator. Journal of Magnetic Resonance, 2000, 144, 85-88.	2.2	33
285	Electron Spin Lattice Relaxation Rates for High-Spin Fe(III) Complexes in Glassy Solvents at Temperatures between 6 and 298 K. Journal of Magnetic Resonance, 2000, 144, 115-122.	2.2	17
286	Backbone ^1H , ^{15}N , and ^{13}C resonance assignments of inhibitor-2 -- a protein inhibitor of protein phosphatase-1. Journal of Biomolecular NMR, 2000, 17, 359-360.	2.8	15
287	Chemistry and Insulin-Mimetic Properties of Bis(acetylacetonate)oxovanadium(IV) and Derivatives 1. Inorganic Chemistry, 2000, 39, 406-416.	4.2	188
288	Design of a programmable timing unit. Review of Scientific Instruments, 1999, 70, 4422-4432.	1.4	8

#	ARTICLE	IF	CITATIONS
289	Orientation of the Tetranuclear Manganese Cluster and Tyrosine Z in the O ₂ -Evolving Complex of Photosystem II: An EPR Study of the S ₂ YZ State in Oriented Acetate-Inhibited Photosystem II Membranes. <i>Biochemistry</i> , 1999, 38, 12758-12767.	2.6	53
290	Electron Spin Relaxation in Chromium Nitrosyl Complexes. <i>Inorganic Chemistry</i> , 1999, 38, 3529-3534.	4.2	15
291	The Tryptophan Depletion Test: Impact on Sleep in Healthy Subjects and Patients with Obsessive Compulsive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 1999, 467, 35-42.	0.0	15
292	Interspin distances determined by time domain EPR of spin-labeled high-spin methemoglobin. <i>Inorganica Chimica Acta</i> , 1998, 273, 354-366.	2.5	32
293	Dephasing of electron spin echoes for nitroxyl radicals in glassy solvents by non-methyl and methyl protons. <i>Molecular Physics</i> , 1998, 95, 1255-1263.	1.7	152
294	Pectin and cashew nut allergy: cross-reacting allergens?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1998, 53, 626-628.	6.1	17
295	Determination of High-Spin Iron(III) Nitroxyl Distances in Spin-Labeled Porphyrins by Time-Domain EPR. <i>Journal of Magnetic Resonance</i> , 1998, 131, 97-110.	2.2	39
296	Towards developing HIV-2 lentivirus-based retroviral vectors for gene therapy: Dual gene expression in the context of HIV-2 LTR and Tat. <i>Journal of Medical Virology</i> , 1998, 54, 118-128.	5.0	21
297	Ligand-Induced Conformational Change in the Ferric Enterobactin Receptor FepA As Studied by Site-Directed Spin Labeling and Time-Domain ESR. <i>Biochemistry</i> , 1998, 37, 9016-9023.	2.6	34
298	FDG-PET and MRI in temporal lobe epilepsy: relationship to febrile seizures, hippocampal sclerosis and outcome. <i>Acta Neurologica Scandinavica</i> , 1998, 97, 146-153.	2.2	61
299	Electron spin echo decay as a probe of aminoxyl environment in spin-labeled mutants of human carbonic anhydrase II. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2549-2554.	0.9	41
300	Inferior vena cava-tricuspid annulus isthmus is a critical site of unidirectional block during the induction of common atrial flutter. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1997, 2, 57-69.	1.4	8
301	Enhancement of electron spin relaxation rates of metalloporphyrins due to interaction with a faster relaxing metal bound to an appended bipyridyl. <i>Inorganica Chimica Acta</i> , 1997, 263, 23-33.	2.5	15
302	Photo-Enhanced Production of the Spin Adduct 5,5-Dimethyl-1-pyrroline-N-oxide/OH in Aqueous Menadione Solutions. <i>Archives of Biochemistry and Biophysics</i> , 1996, 329, 221-227.	3.2	8
303	Asp537 and Asp812 in Bacteriophage T7 RNA Polymerase as Metal Ion-Binding Sites Studied by EPR, Flow-Dialysis, and Transcription. <i>Biochemistry</i> , 1996, 35, 144-152.	2.6	52
304	Electron Spin Relaxation in Vanadyl, Copper(II), and Silver(II) Porphyrins in Glassy Solvents and Doped Solids. <i>Journal of Magnetic Resonance Series A</i> , 1996, 119, 240-246.	1.6	51
305	Easily Tunable Crossed-Loop (Bimodal) EPR Resonator. <i>Journal of Magnetic Resonance Series A</i> , 1996, 122, 50-57.	1.6	50
306	Dispersion and Superheterodyne EPR Using a Bimodal Resonator. <i>Journal of Magnetic Resonance Series A</i> , 1996, 122, 58-63.	1.6	28

#	ARTICLE	IF	CITATIONS
307	EPR imaging of irradiated silicon dioxide: increased concentrations of E ² defects near the surface. Applied Radiation and Isotopes, 1996, 47, 1595-1598.	1.5	4
308	Multifrequency electron paramagnetic resonance of irradiated l-alanine. Applied Radiation and Isotopes, 1996, 47, 1235-1239.	1.5	22
309	A 1 ² GHz pulsed and continuous wave electron paramagnetic resonance spectrometer. Review of Scientific Instruments, 1996, 67, 2514-2527.	1.4	43
310	Temperature and orientation dependence of electron spin relaxation in molybdenum(V) porphyrins. Magnetic Resonance in Chemistry, 1995, 33, S66-S69.	2.0	13
311	Temperature and Orientation Dependence of Electron-Spin Relaxation Rates for Bis(diethyldithiocarbamate)copper(II). Journal of Magnetic Resonance Series A, 1995, 117, 67-72.	1.6	28
312	Impact of Electron ² Spin ² Spin Coupling on Electron-Spin Turning Angle in a Spin-Labeled Copper(II) Complex. Journal of Magnetic Resonance Series A, 1995, 117, 62-66.	1.6	7
313	Introduction to EPR imaging using magnetic-field gradients. Concepts in Magnetic Resonance, 1995, 7, 49-67.	1.3	32
314	An introduction to chemically induced dynamic nuclear polarization. Concepts in Magnetic Resonance, 1995, 7, 69-86.	1.3	26
315	Planar surface gradient coil. Concepts in Magnetic Resonance, 1995, 7, 95-114.	1.3	4
316	Aversion to xenotransplantation. Nature, 1995, 378, 434-434.	36.2	2
317	Determination of depth profiles of E ³ defects in irradiated vitreous silica by electron paramagnetic resonance imaging. Journal of Applied Physics, 1995, 77, 790-794.	2.3	11
318	Drug refractory epilepsy in brain damage: effect of dextromethorphan on EEG in four patients.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 333-339.	6.0	35
319	CT density gradients of the lung parenchyma in patients with lone pulmonary hypertension and systemic sclerosis. Clinical Radiology, 1994, 49, 747-748.	1.1	0
320	Tinbergen-Bos Metricised Systems: Some Further Results. Urban Studies, 1993, 30, 1745-1761.	3.8	6
321	Orientation Dependence of Electron Spin Phase Memory Relaxation Times in Copper(II) and Vanadyl Complexes in Frozen Solution. Israel Journal of Chemistry, 1992, 32, 351-355.	2.6	33
322	Saturation recovery electron paramagnetic resonance spectrometer. Review of Scientific Instruments, 1992, 63, 4251-4262.	1.4	61
323	Design of magnetic-field gradient coils for imaging. Computers in Physics, 1992, 6, 656.	0.5	7
324	Binding receptors for ?-l-fucosidase in human B-lymphoid cell lines. Glycoconjugate Journal, 1992, 9, 56-62.	2.7	2

#	ARTICLE	IF	CITATIONS
325	Electron-spin relaxation times of chromium(V). <i>Journal of Magnetic Resonance</i> , 1992, 98, 81-91.	0.6	16
326	EPR resonator coupling monitor. <i>Journal of Magnetic Resonance</i> , 1992, 99, 571-575.	0.6	1
327	Intermittency in hadronic decays of the Z ⁰ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 262, 351-361.	4.1	33
328	A convenient monitor of EPR automatic frequency control function. <i>Journal of Magnetic Resonance</i> , 1991, 93, 410-412.	0.6	2
329	Liquid helium level detector. <i>Review of Scientific Instruments</i> , 1991, 62, 1647-1647.	1.4	2
330	Characteristic differences in the lipid composition of middle ear effusions in adult and pediatric patients: phosphatidylethanolamine and phosphatidylserine levels. <i>European Archives of Oto-Rhino-Laryngology</i> , 1990, 248, 109-12.	1.8	5
331	Spectral-spatial electron paramagnetic resonance imaging of electrochemically generated radicals. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 3181-3184.	1.8	4
332	Terminal phosphido-complexes of co-ordinatively saturated and unsaturated platinum(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3725-3727.	1.1	21
333	Novel azacrown ethers incorporating sugars: synthesis and complex formation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 1235-1237.	0.9	11
334	Artifacts in spectral-spatial EPR images of portions of spectra. <i>Journal of Magnetic Resonance</i> , 1989, 85, 303-313.	0.6	2
335	Quantification of attached cells in tissue culture plates and on microcarriers. <i>Analytical Biochemistry</i> , 1989, 181, 209-211.	2.5	31
336	Three approaches to spectral-spatial EPR imaging. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1989, 40, 1227-1231.	0.5	26
337	Treatment of myelodysplastic syndromes with low-dose oral 6-thioguanine. <i>Medical and Pediatric Oncology</i> , 1988, 16, 17-20.	1.0	6
338	Peripheral T lymphocyte subsets in rapidly progressive periodontitis. <i>Journal of Clinical Periodontology</i> , 1988, 15, 266-268.	5.0	37
339	Reconstruction of spectral-spatial two-dimensional EPR images from incomplete sets of projections without prior knowledge of the component spectra. <i>Journal of Magnetic Resonance</i> , 1988, 77, 75-83.	0.6	18
340	Interaction of spin labels with transition metals. <i>Coordination Chemistry Reviews</i> , 1988, 83, 29-72.	19.6	86
341	Spectral-spatial e.s.r. imaging of portions of spectra of paramagnetic metals. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 61-62.	2.0	9
342	Parallel simulation and test of VLSI array logic. <i>Lecture Notes in Computer Science</i> , 1988, , 301-311.	1.0	0

#	ARTICLE	IF	CITATIONS
343	Pulsed EPR spectrometer. <i>Review of Scientific Instruments</i> , 1987, 58, 1709-1723.	1.4	72
344	Opioids and Opioid Receptors in Peripheral Tissues. <i>Scandinavian Journal of Gastroenterology</i> , 1987, 22, 27-46.	1.5	44
345	Transport calculations in arbitrarily polarized liquidHe3. <i>Physical Review B</i> , 1987, 36, 756-759.	3.3	61
346	Three-dimensional EPR imaging with one spectral and two spatial dimensions. <i>Chemical Physics Letters</i> , 1987, 142, 567-569.	2.7	33
347	1,2,3,5,8,8a-Hexahydronaphthalene from 1,2-Cyclohexadiene. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 449-451.	4.9	15
348	EPR imaging using T1 selectivity. <i>Journal of Magnetic Resonance</i> , 1987, 71, 271-275.	0.6	3
349	Spectral-spatial two-dimensional EPR imaging. <i>Journal of Magnetic Resonance</i> , 1987, 72, 449-455.	0.6	43
350	Computer control of magnetic field using a varian MK 11 fieldial unit. <i>Journal of Magnetic Resonance</i> , 1986, 69, 371-374.	0.6	3
351	Versatile computer interface for a varian E9 EPR spectrometer. <i>Journal of Magnetic Resonance</i> , 1986, 66, 164-167.	0.6	4
352	EPR imaging using flip-angle gradients. A new approach to two-dimensional imaging. <i>Journal of Magnetic Resonance</i> , 1986, 67, 561-564.	0.6	3
353	Electron spin-echo-detected EPR imaging. <i>Journal of Magnetic Resonance</i> , 1986, 67, 73-77.	0.6	12
354	Metal-nitroxyl interactions. 43. Collision interactions between transition metals and nitroxyl radicals in organic solvents. <i>Journal of Magnetic Resonance</i> , 1985, 63, 74-87.	0.6	4
355	Relations between arbitrary symmetry spin-hamiltonian parameters B_{kq} and b_{kq} in Various Axis Systems. <i>Journal of Magnetic Resonance</i> , 1985, 63, 95-106.	0.6	18
356	Metal-nitroxyl interactions. 44. Collision interactions between transition metal complexes and nitroxyl radicals in aqueous solution. <i>Journal of Magnetic Resonance</i> , 1985, 63, 125-132.	0.6	2
357	Metal-nitroxyl interactions. 42. Spin-spin interaction in frozen solution EPR spectra of spin-labeled Mn(II) complexes. <i>Journal of Magnetic Resonance</i> , 1985, 63, 151-167.	0.6	3
358	Relaxation times for the organic radical signal in the EPR spectra of oil shale, shale oil, and spent shale. <i>Journal of Magnetic Resonance</i> , 1985, 61, 81-89.	0.6	3
359	Composite pulses without phase distortion. <i>Journal of Magnetic Resonance</i> , 1985, 61, 90-101.	0.6	77
360	Estimates of collision frequencies and solvent effects in collision interactions. <i>Journal of Magnetic Resonance</i> , 1985, 63, 327-332.	0.6	2

#	ARTICLE	IF	CITATIONS
361	Determination of T1 and T2 by simulation of EPR power saturation curves and saturated spectra. Application to spin-labeled iron porphyrins. <i>Journal of Magnetic Resonance</i> , 1984, 60, 54-65.	0.6	5
362	EPR imaging. <i>Journal of Magnetic Resonance</i> , 1984, 59, 474-477.	0.6	9
363	Metal-nitroxyl interactions. 40. EPR spectra of spin-labeled copper(II) and vanadyl complexes immobilized on imbibed beads. <i>Journal of Magnetic Resonance</i> , 1984, 59, 497-505.	0.6	2
364	Metal-nitroxyl interactions. 32. Spin-spin splitting in EPR spectra of spin-labeled pyridine adducts of a cobalt(II) porphyrin in frozen solution. <i>Journal of Magnetic Resonance</i> , 1984, 56, 183-199.	0.6	4
365	A spin-label study of the disposition of the Fe-S cluster with respect to the active center of aconitase. <i>BBA - Proteins and Proteomics</i> , 1983, 745, 229-236.	2.0	18
366	Comprehensive regional trauma/Emergency Medical Services (EMS) delivery systems: The United States experience. <i>World Journal of Surgery</i> , 1983, 7, 149-157.	1.4	65
367	Metal-nitroxyl interactions. 29. EPR studies of spin-labeled copper complexes in frozen solution. <i>Journal of Magnetic Resonance</i> , 1983, 52, 435-449.	0.6	6
368	Metal-nitroxyl interactions. 28. EPR studies of spin-labeled nickel(II) complexes in fluid solution. <i>Journal of Magnetic Resonance</i> , 1983, 51, 470-476.	0.6	2
369	The Synthesis of 5,11,17-Trihalotetracyclo [13.3.1.13,7.19,13]henicosa-1 (19),3,5,7 (20),9,11,13 (21), 15,17-nonaene-19,20,21-triols and 5,11,17-trihalo-19,20,21-trihydroxytetracyclo [13.3.1.13,7.19,13]henicosa-1 (19),3,5,7 (20),9,11,13(21), 15,17-nonaene-8,14-dione [1]. Cyclo-derivatives of Phloroglucide Analogues. <i>Helvetica Chimica Acta</i> , 1982, 65, 1264-1270.	1.6	28
370	Pathogenesis, clinic, and treatment of ganglion. <i>Archives of Orthopaedic and Traumatic Surgery</i> Archiv FÄr OrthopÄdische Und Unfall-Chirurgie, 1982, 99, 247-252.	0.1	43
371	Q-band e.p.r. spectra of oil shale, spent shale, and shale oil. <i>Fuel</i> , 1981, 60, 67-70.	6.6	6
372	Metal-nitroxyl interactions. 23. Dinitroxyl adducts of paramagnetic metal complexes. <i>Journal of Magnetic Resonance</i> , 1981, 45, 162-169.	0.6	2
373	Metal-nitroxyl interactions. 18. Spin-labeled copper carboxylate dimers and monomers. <i>Journal of Magnetic Resonance</i> , 1981, 42, 277-286.	0.6	2
374	The effects of lossy solvents on quantitative EPR studies. <i>Journal of Magnetic Resonance</i> , 1981, 44, 415-428.	0.6	39
375	ENDOR measurement of long-range hyperfine coupling in a nitroxyl radical. <i>Journal of Magnetic Resonance</i> , 1980, 38, 325-330.	0.6	3
376	EPR measurement of the rate of ligand exchange in copper salicylaldimine complexes. <i>Inorganic and Nuclear Chemistry Letters</i> , 1979, 15, 29-31.	0.7	6
377	An unusual long-range proton hyperfine coupling in a nitroxyl radical. <i>Magnetic Resonance in Chemistry</i> , 1978, 11, 211-212.	0.7	7
378	Chemical shifts for tritons in the ortho, meta and para positions of toluene as determined by tritium NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1978, 11, 213-214.	0.7	7

#	ARTICLE	IF	CITATIONS
379	[Cr(oxalate) ₃] ³⁻ as a broadening agent in nitroxyl spin probe studies. Journal of the Chemical Society Chemical Communications, 1978, , 944.	2.0	9
380	Postural Equilibrium in Adolescent Idiopathic Scoliosis. Acta Orthopaedica, 1978, 49, 354-365.	1.4	165
381	Secondary ion mass spectrometry: a tool for identification of matrix-isolated species. Journal of the Chemical Society Chemical Communications, 1978, , 751.	2.0	13
382	Phenyl ring rotation in metal complexes of tetraphenylporphyrin derivatives. Journal of the Chemical Society Chemical Communications, 1974, , 576.	2.0	23
383	Evidence for "Alpha-Particle" Clusters in Several Nuclei from the ($\hat{1}\pm, \hat{A}2\hat{1}\pm$) Reaction at 0.91 BeV. Physical Review, 1963, 131, 337-351.	2.7	75
384	Mössbauer studies and magnetic properties of BaFe _{12-x} Al _x O ₁₉ grown by a wet chemical process. , 0, , .		0
385	Electron Paramagnetic Resonance Imaging. , 0, , .		1
386	Influence of Substrate Temperature on the Optoelectronic Properties of CuPc Thin Film. Advanced Materials Research, 0, 1105, 123-126.	0.1	0
387	Relaxation Mechanisms. , 0, , 1543-1556.		24
388	Rapid-Scan Electron Paramagnetic Resonance. , 0, , 1529-1542.		12
389	Electron Spin Relaxation Rates of Radicals in Irradiated Boron Oxides. Applied Magnetic Resonance, 0, , .	1.2	0