

Ken-ichi Yamada

List of Publications by Year in descending order

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123
papers

4,020
citations

117453

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138251

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131
all docs

131
docs citations

131
times ranked

3997
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-dependent ferroptosis plays a pivotal role in doxorubicin cardiotoxicity. <i>JCI Insight</i> , 2020, 5, .	2.3	345
2	Overhauser enhanced magnetic resonance imaging for tumor oximetry: Coregistration of tumor anatomy and tissue oxygen concentration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2216-2221.	3.3	284
3	Simultaneous molecular imaging of redox reactions monitored by Overhauser-enhanced MRI with ¹⁴ N- and ¹⁵ N-labeled nitroxyl radicals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1463-1468.	3.3	146
4	Membrane Permeabilization Mechanisms of a Cyclic Antimicrobial Peptide, Tachyplesin I, and Its Linear Analog. <i>Biochemistry</i> , 1997, 36, 9799-9806.	1.2	130
5	Unique Oxidative Mechanisms for the Reactive Nitrogen Oxide Species, Nitroxyl Anion. <i>Journal of Biological Chemistry</i> , 2001, 276, 1720-1727.	1.6	126
6	Overexpression of TFAM or Twinkle Increases mtDNA Copy Number and Facilitates Cardioprotection Associated with Limited Mitochondrial Oxidative Stress. <i>PLoS ONE</i> , 2015, 10, e0119687.	1.1	109
7	Drugs Repurposed as Antiferroptosis Agents Suppress Organ Damage, Including AKI, by Functioning as Lipid Peroxyl Radical Scavengers. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 280-296.	3.0	95
8	Single-point (constant-time) imaging in radiofrequency Fourier transform electron paramagnetic resonance. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 370-379.	1.9	88
9	Feasibility and assessment of non-invasive in vivo redox status using electron paramagnetic resonance imaging. <i>Acta Radiologica</i> , 2002, 43, 433-440.	0.5	84
10	Further evidence for distinct reactive intermediates from nitroxyl and peroxyxynitrite: effects of buffer composition on the chemistry of Angeli's salt and synthetic peroxyxynitrite. <i>Archives of Biochemistry and Biophysics</i> , 2002, 401, 134-144.	1.4	78
11	Structure-Reactivity Relationship of Piperidine Nitroxide: Electrochemical, ESR and Computational Studies. <i>Journal of Organic Chemistry</i> , 2011, 76, 435-440.	1.7	73
12	Connexin 30 deficiency attenuates A2 astrocyte responses and induces severe neurodegeneration in a 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine hydrochloride Parkinson's disease animal model. <i>Journal of Neuroinflammation</i> , 2018, 15, 227.	3.1	71
13	Noninvasive Mapping of Reactive Oxygen Species by in Vivo Electron Spin Resonance Spectroscopy in Indomethacin-Induced Gastric Ulcers in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 228-235.	1.3	70
14	In vivo electron spin resonance-computed tomography/nitroxyl probe technique for non-invasive analysis of oxidative injuries. <i>Archives of Biochemistry and Biophysics</i> , 2003, 416, 1-8.	1.4	68
15	In vivo detection of free radicals induced by diethylnitrosamine in rat liver tissue. <i>Free Radical Biology and Medicine</i> , 2006, 40, 2040-2046.	1.3	66
16	Evaluation and Comparison of Pulsed and Continuous Wave Radiofrequency Electron Paramagnetic Resonance Techniques for in Vivo Detection and Imaging of Free Radicals. <i>Journal of Magnetic Resonance</i> , 2002, 154, 287-297.	1.2	64
17	Thioredoxin-1 suppresses lung injury and apoptosis induced by diesel exhaust particles (DEP) by scavenging reactive oxygen species and by inhibiting DEP-induced downregulation of Akt. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1549-1559.	1.3	63
18	Fluorescence probes to detect lipid-derived radicals. <i>Nature Chemical Biology</i> , 2016, 12, 608-613.	3.9	62

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19	Rapid and convenient detection of ascorbic acid using a fluorescent nitroxide switch. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2112-2118.	1.3	60
20	Differential protection by nitroxides and hydroxylamines to radiation-induced and metal ion-catalyzed oxidative damage. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1573, 109-120.	1.1	59
21	300 MHz continuous wave electron paramagnetic resonance spectrometer for small animal in vivo imaging. <i>Review of Scientific Instruments</i> , 2000, 71, 4273.	0.6	55
22	Noninvasive in vivo oximetric imaging by radiofrequency FT EPR. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 1001-1008.	1.9	55
23	The detrimental effect of nitric oxide on tissue is associated with inflammatory events in the vascular endothelium and neutrophils in mice with dextran sodium sulfate-induced colitis. <i>Free Radical Research</i> , 2012, 46, 1427-1436.	1.5	54
24	Pharmacokinetics of a triarylmethyl-type paramagnetic spin probe used in EPR oximetry. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 885-892.	1.9	53
25	Effective 2,6-substitution of piperidine nitroxyl radical by carbonyl compound. <i>Tetrahedron</i> , 2010, 66, 2311-2315.	1.0	53
26	Dynamic nuclear polarization properties of nitroxyl radicals used in Overhauser-enhanced MRI for simultaneous molecular imaging. <i>Journal of Magnetic Resonance</i> , 2006, 182, 273-282.	1.2	51
27	Noninvasive Assessment of the Brain Redox Status after Transient Middle Cerebral Artery Occlusion Using Overhauser-Enhanced Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1655-1664.	2.4	51
28	In vivo evaluation of novel nitroxyl radicals with reduction stability. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1703-1709.	1.3	48
29	Development of novel nitroxyl radicals for controlling reactivity with ascorbic acid. <i>Free Radical Research</i> , 2009, 43, 565-571.	1.5	47
30	In vivo imaging of mitochondrial function in methamphetamine-treated rats. <i>NeuroImage</i> , 2011, 57, 866-872.	2.1	47
31	A Disruption Mechanism of the Molecular Clock in a MPTP Mouse Model of Parkinson's Disease. <i>NeuroMolecular Medicine</i> , 2013, 15, 238-251.	1.8	45
32	Factors Influencing Nitroxide Reduction and Cytotoxicity In Vitro. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 587-595.	2.5	44
33	2-Oxo-histidine-containing dipeptides are functional oxidation products. <i>Journal of Biological Chemistry</i> , 2019, 294, 1279-1289.	1.6	39
34	Advantageous application of a surface coil to EPR irradiation in overhauser-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 806-811.	1.9	37
35	Involvement of nitric oxide with activation of Toll-like receptor 4 signaling in mice with dextran sodium sulfate-induced colitis. <i>Free Radical Biology and Medicine</i> , 2014, 74, 108-117.	1.3	36
36	Determination of reactive oxygen species associated with the degeneration of dopaminergic neurons during dopamine metabolism. <i>Free Radical Research</i> , 2010, 44, 249-257.	1.5	34

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37	Inhibition of myeloperoxidase- and neutrophil-mediated oxidant production by tetraethyl and tetramethyl nitroxides. <i>Free Radical Biology and Medicine</i> , 2014, 70, 96-105.	1.3	34
38	Spatially resolved time-course studies of free radical reactions with an EPRI/MRI fusion technique. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 938-943.	1.9	32
39	Spin-Labeled Dendrimers in EPR Imaging with Low Molecular Weight Nitroxides. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2690-2692.	7.2	31
40	A novel DPP-4 inhibitor teneligliptin scavenges hydroxyl radicals: In vitro study evaluated by electron spin resonance spectroscopy and in vivo study using DPP-4 deficient rats. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 138-145.	1.5	31
41	Whole-body kinetic image of a redox probe in mice using Overhauser-enhanced MRI. <i>Free Radical Biology and Medicine</i> , 2012, 53, 328-336.	1.3	30
42	Lipophilic triphenylphosphonium derivatives enhance radiation-induced cell killing via inhibition of mitochondrial energy metabolism in tumor cells. <i>Cancer Letters</i> , 2017, 390, 160-167.	3.2	30
43	Association between the expression of inducible nitric oxide synthase by chondrocytes and its nitric oxide-generating activity in adjuvant arthritis in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 8, 164-169.	1.2	29
44	A novel ascorbic acid-resistant nitroxide in fat emulsion is an efficient brain imaging probe for in vivo EPR imaging of mouse. <i>Free Radical Research</i> , 2011, 45, 1325-1332.	1.5	29
45	Ascorbic acid prevents acetaminophen-induced hepatotoxicity in mice by ameliorating glutathione recovery and autophagy. <i>Archives of Biochemistry and Biophysics</i> , 2016, 604, 36-46.	1.4	28
46	Overhauser-enhanced magnetic resonance imaging characterization of mitochondria functional changes in the 6-hydroxydopamine rat model. <i>Neurochemistry International</i> , 2011, 59, 804-811.	1.9	27
47	Kidney fibrosis is independent of the amount of ascorbic acid in mice with unilateral ureteral obstruction. <i>Free Radical Research</i> , 2014, 48, 1115-1124.	1.5	25
48	Brain imaging in methamphetamine-treated mice using a nitroxide contrast agent for EPR imaging of the redox status and a gadolinium contrast agent for MRI observation of blood-brain barrier function. <i>Free Radical Research</i> , 2015, 49, 1-10.	1.5	25
49	Fluorescence probe for the convenient and sensitive detection of ascorbic acid. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 58, 16-22.	0.6	25
50	Fluorine electron double resonance imaging for ¹⁹ F MRI in low magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 523-529.	1.9	24
51	Structural library and visualization of endogenously oxidized phosphatidylcholines using mass spectrometry-based techniques. <i>Nature Communications</i> , 2021, 12, 6339.	5.8	24
52	Synthesis of Nitroxyl Radicals for Overhauser-enhanced Magnetic Resonance Imaging. <i>Archiv Der Pharmazie</i> , 2008, 341, 548-553.	2.1	23
53	Reductive detoxification of acrolein as a potential role for aldehyde reductase (AKR1A) in mammals. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 136-141.	1.0	23
54	Structural Concept of Nitroxide As a Lipid Peroxidation Inhibitor. <i>Journal of Organic Chemistry</i> , 2011, 76, 4144-4148.	1.7	22

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55	Novel ascorbic acid-resistant nitroxide in a lipid emulsion: An efficient brain imaging contrast agent for MRI of small rodents. <i>Neuroscience Letters</i> , 2013, 546, 11-15.	1.0	22
56	Enhanced intraarticular free radical reactions in adjuvant arthritis rats. <i>Free Radical Research</i> , 2006, 40, 455-460.	1.5	21
57	Photodecomposition of tetrabromobisphenol A in aqueous humic acid suspension by irradiation with light of various wavelengths. <i>Chemosphere</i> , 2016, 147, 124-130.	4.2	21
58	Dynamic nuclear polarization studies of redox-sensitive nitroxyl spin probes in liposomal solution. <i>Journal of Magnetic Resonance</i> , 2010, 204, 131-138.	1.2	20
59	Nitroxides prevent exacerbation of indomethacin-induced gastric damage in adjuvant arthritis rats. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1799-1805.	1.3	20
60	In Vivo Measurement of Redox Status in Streptozotocin-Induced Diabetic Rat Using Targeted Nitroxyl Probes. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 605-611.	2.5	19
61	In vivo EPR spectroscopic imaging for a liposomal drug delivery system. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1158-1165.	1.9	19
62	TEMPOL increases NAD ⁺ and improves redox imbalance in obese mice. <i>Redox Biology</i> , 2016, 8, 316-322.	3.9	19
63	Non-invasive imaging of the levels and effects of glutathione on the redox status of mouse brain using electron paramagnetic resonance imaging. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 802-806.	1.0	19
64	Acyl-Protected Hydroxylamines as Spin Label Generators for EPR Brain Imaging. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2283-2288.	2.9	17
65	Low dose of sodium-glucose transporter 2 inhibitor ipragliflozin attenuated renal dysfunction and interstitial fibrosis in adenine-induced chronic kidney disease in mice without diabetes. <i>Metabolism Open</i> , 2020, 7, 100049.	1.4	17
66	A composite resonator assembly suitable for EPR/NMR coregistration imaging. <i>Concepts in Magnetic Resonance Part B</i> , 2005, 25B, 1-11.	0.3	16
67	Formation of TEMPOL-hydroxylamine during reaction between TEMPOL and hydroxyl radical: HPLC/ECD study. <i>Free Radical Research</i> , 2008, 42, 505-512.	1.5	16
68	Non-invasive mapping of glutathione levels in mouse brains by in vivo electron paramagnetic resonance (EPR) imaging: Applied to a kindling mouse model. <i>Neuroscience Letters</i> , 2019, 690, 6-10.	1.0	16
69	Method for Structural Determination of Lipid-Derived Radicals. <i>Analytical Chemistry</i> , 2020, 92, 6993-7002.	3.2	15
70	Brain redox imaging in the pentylenetetrazole (PTZ)-induced kindling model of epilepsy by using in vivo electron paramagnetic resonance and a nitroxide imaging probe. <i>Neuroscience Letters</i> , 2015, 608, 40-44.	1.0	14
71	Ablation of aldehyde reductase aggravates carbon tetrachloride-induced acute hepatic injury involving oxidative stress and endoplasmic reticulum stress. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 765-771.	1.0	14
72	A fluorescent nitroxide probe for ascorbic acid detection and its application to quantitative analysis of diabetic rat plasma. <i>RSC Advances</i> , 2016, 6, 60907-60915.	1.7	14

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73	Radiation-induced redox alteration in the mouse brain. <i>Free Radical Biology and Medicine</i> , 2019, 143, 412-421.	1.3	14
74	Oxygen concentration dependence of lipid peroxidation and lipid-derived radical generation: Application of profluorescent nitroxide switch. <i>Free Radical Research</i> , 2011, 45, 1103-1110.	1.5	13
75	High-fat diet-induced obesity and insulin resistance were ameliorated via enhanced fecal bile acid excretion in tumor necrosis factor-alpha receptor knockout mice. <i>Molecular and Cellular Biochemistry</i> , 2012, 359, 161-167.	1.4	12
76	Lipid radicals cause light-induced retinal degeneration. <i>Chemical Communications</i> , 2017, 53, 10922-10925.	2.2	12
77	In Vivo Imaging of the Intra- and Extracellular Redox Status in Rat Stomach with Indomethacin-Induced Gastric Ulcers Using Overhauser-Enhanced Magnetic Resonance Imaging. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1147-1161.	2.5	12
78	Hepatic resistance to cold ferroptosis in a mammalian hibernator Syrian hamster depends on effective storage of diet-derived α -tocopherol. <i>Communications Biology</i> , 2021, 4, 796.	2.0	12
79	Are Free Radical Reactions Increased in the Diabetic Eye?. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 367-373.	2.5	11
80	Monitoring the aggregation processes of amyloid- β using a spin-labeled, fluorescent nitroxyl radical. <i>Chemical Communications</i> , 2011, 47, 5070.	2.2	10
81	Ascorbic acid reverses the prolonged anesthetic action of pentobarbital in Akr1a-knockout mice. <i>Life Sciences</i> , 2014, 95, 1-8.	2.0	10
82	Nitric Oxide Is Involved in Activation of Toll-Like Receptor 4 Signaling through Tyrosine Nitration of Src Homology Protein Tyrosine Phosphatase 2 in Murine Dextran Sulfate-Induced Colitis. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1843-1852.	0.6	10
83	Push-Pull Bisnaphthyridylamine Supramolecular Nanoparticles: Polarity-Induced Aggregation and Crystallization-Induced Emission Enhancement and Fluorescence Resonance Energy Transfer. <i>Chemistry - A European Journal</i> , 2021, 27, 3039-3046.	1.7	10
84	Tempol intake improves inflammatory status in aged mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 11-14.	0.6	10
85	Permeability Studies of Redox-Sensitive Nitroxyl Spin Probes Through Lipid Membranes Using an L-Band ESR Spectrometer. <i>Applied Magnetic Resonance</i> , 2013, 44, 439-447.	0.6	9
86	Detection and inhibition of lipid-derived radicals in low-density lipoprotein. <i>Free Radical Biology and Medicine</i> , 2017, 113, 487-493.	1.3	9
87	Ascorbic acid insufficiency impairs spatial memory formation in juvenile AKR1A-knockout mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 65, 209-216.	0.6	9
88	Reaction targets of antioxidants in azo-initiator or lipid hydroperoxide induced lipid peroxidation. <i>Free Radical Research</i> , 2020, 54, 301-310.	1.5	9
89	Brain contrasting ability of blood-brain-barrier-permeable nitroxyl contrast agents for magnetic resonance redox imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 935-945.	1.9	8
90	Heightened aggressive behavior in mice deficient in aldo-keto reductase 1a (Akr1a). <i>Behavioural Brain Research</i> , 2017, 319, 219-224.	1.2	8

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91	Ascorbic acid prevents N-nitrosodiethylamine-induced hepatic injury and hepatocarcinogenesis in Akr1a-knockout mice. <i>Toxicology Letters</i> , 2020, 333, 192-201.	0.4	8
92	Evaluation of a high-speed signal-averager for sensitivity enhancement in radio frequency Fourier transform electron paramagnetic resonance imaging. <i>Review of Scientific Instruments</i> , 2002, 73, 3920-3925.	0.6	7
93	Separable detection of lipophilic- and hydrophilic-phase free radicals from the ESR spectrum of nitroxyl radical in transient MCAO mice. <i>Free Radical Research</i> , 2009, 43, 844-851.	1.5	7
94	Redox Potential of Nitroxides is an Index to Evaluate Superoxide Dismutase Mimic Activity. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 388-391.	1.3	7
95	Genotoxic Responses of Mitochondrial Oxygen Consumption Rate and Mitochondrial Semiquinone Radicals in Tumor Cells. <i>Applied Magnetic Resonance</i> , 2018, 49, 837-851.	0.6	7
96	Fluorescence Tumor-Imaging Using a Thermo-Responsive Molecule with an Emissive Aminoquinoline Derivative. <i>Nanomaterials</i> , 2018, 8, 782.	1.9	7
97	Detection and structural analysis of lipid-derived radicals <i>in vitro</i> and <i>in vivo</i> . <i>Free Radical Research</i> , 2021, 55, 441-449.	1.5	7
98	Mice deficient in aldo-keto reductase 1a (Akr1a) are resistant to thioacetamide-induced liver injury. <i>Toxicology Letters</i> , 2018, 294, 37-43.	0.4	6
99	Iron loading exerts synergistic action via a different mechanistic pathway from that of acetaminophen-induced hepatic injury in mice. <i>Free Radical Research</i> , 2020, 54, 606-619.	1.5	6
100	Defective biosynthesis of ascorbic acid in Sod1-deficient mice results in lethal damage to lung tissue. <i>Free Radical Biology and Medicine</i> , 2021, 162, 255-265.	1.3	6
101	Analysis of Nitroxyl Spin Probes in Mouse Brain by X-Band ESR with Microdialysis Technique. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4101-4107.	1.6	5
102	Nifedipine treatment reduces brain damage after transient focal ischemia, possibly through its antioxidative effects. <i>Hypertension Research</i> , 2011, 34, 840-845.	1.5	5
103	Antioxidant nitroxides protect hepatic cells from oxidative stress-induced cell death. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 62, 132-138.	0.6	5
104	Effects of Substituents on the Properties of Metal-Free MRI Contrast Agents. <i>ACS Omega</i> , 2019, 4, 20715-20723.	1.6	5
105	Genetic ablation of aldehyde reductase (Akr1a) augments exercise endurance in mice via activation of the PGC-1 α -involved pathway. <i>Life Sciences</i> , 2020, 249, 117501.	2.0	5
106	Characterization and Water-Proton Longitudinal Relaxivities of Liposome-Type Radical Nanoparticles Prepared via a Supramolecular Approach. <i>Langmuir</i> , 2020, 36, 5280-5286.	1.6	5
107	Ascorbic acid and CoQ10 ameliorate the reproductive ability of superoxide dismutase 1-deficient female mice. <i>Biology of Reproduction</i> , 2019, 102, 102-115.	1.2	4
108	A radioiodinated nitroxide probe with improved stability against bioreduction for in vivo detection of lipid radicals. <i>Free Radical Biology and Medicine</i> , 2021, 163, 297-305.	1.3	4

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109	Developmental retardation in neonates of aldehyde reductase (AKR1A)-deficient mice is associated with low ascorbic acid and high corticosterone levels. <i>Journal of Nutritional Biochemistry</i> , 2021, 91, 108604.	1.9	4
110	Kinetics and localisation of haemin-induced lipoprotein oxidation. <i>Free Radical Research</i> , 2019, 53, 968-978.	1.5	3
111	Radioiodinated Nitroxide Derivative for the Detection of Lipid Radicals. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 45-48.	1.3	3
112	Change in Overhauser Effect-enhanced MRI Signal in Response to uPA Highly Expressing in Tumor. <i>Chemistry Letters</i> , 2014, 43, 999-1001.	0.7	2
113	Three-dimensional electron paramagnetic resonance imaging of mice using ascorbic acid sensitive nitroxide imaging probes. <i>Free Radical Research</i> , 2021, , 1-8.	1.5	2
114	Imaging Doxorubicin Free Radical in Mice with Overhauser Enhanced MRI and its Tumor Suppression Effect in Mice. <i>Applied Magnetic Resonance</i> , 2018, 49, 869-879.	0.6	1
115	Feasibility of magnetic resonance redox imaging at low magnetic field: comparison at 1 T and 7 T. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4481-4491.	0.0	1
116	Detection and structural analysis of pyrimidine-derived radicals generated on DNA using a profluorescent nitroxide probe. <i>Chemical Communications</i> , 2021, 58, 56-59.	2.2	1
117	Permeability studies of nitroxyl spin probes through lipid membranes using L-band ESR spectrometer. , 2012, , .		0
118	Molecular dynamics dependence of overhauser-enhanced magnetic resonance imaging (OMRI): An ESR study. , 2013, , .		0
119	Permeability studies of redox-sensitive nitroxyl radicals through bilayer lipid membranes. , 2013, , .		0
120	Diffusion studies on permeable nitroxyl spin probes through bilayer lipid membranes: A low frequency ESR study. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
121	Detection and inhibition of redox reaction and lipid derived radicals. <i>Drug Delivery System</i> , 2018, 33, 197-203.	0.0	0
122	Recent Developments in Electron Spin Science and Technology in Japan. <i>Applied Magnetic Resonance</i> , 2018, 49, 755-756.	0.6	0
123	Are Free Radical Reactions Increased in the Diabetic Eye?. <i>Antioxidants and Redox Signaling</i> , 2006, , .	2.5	0