

Luca Valgimigli

List of Publications by Year in descending order

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31976

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docs citations

139
times ranked

7982
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Sulphur and Heavier Chalcogens on the Antioxidant Power and Bioactivity of Natural Phenolic Compounds. <i>Biomolecules</i> , 2022, 12, 90.	4.0	14
2	Disentangling the Puzzling Regiochemistry of Thiol Addition to <i>o</i> -Quinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 4580-4589.	3.2	11
3	Real-time oxygen sensing as a powerful tool to investigate tyrosinase kinetics allows revising mechanism and activity of inhibition by glabridin. <i>Food Chemistry</i> , 2022, 393, 133423.	8.2	3
4	Synergic antioxidant activity of β -terpinene with phenols and polyphenols enabled by hydroperoxyl radicals. <i>Food Chemistry</i> , 2021, 345, 128468.	8.2	45
5	SET and HAT/PCET acid-mediated oxidation processes in helical shaped fused bisphenothiazines. <i>ChemPhysChem</i> , 2021, 22, 1446-1454.	2.1	5
6	Hydrogen Atom Transfer from HOO \cdot to ortho-Quinones Explains the Antioxidant Activity of Polydopamine. <i>Angewandte Chemie</i> , 2021, 133, 15348-15352.	2.0	5
7	Hydrogen Atom Transfer from HOO \cdot to <i>ortho</i> -Quinones Explains the Antioxidant Activity of Polydopamine. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15220-15224.	13.8	57
8	Absolute Antioxidant Activity of Five Phenol-Rich Essential Oils. <i>Molecules</i> , 2021, 26, 5237.	3.8	11
9	Proton-Sensitive Free-Radical Dimer Evolution Is a Critical Control Point for the Synthesis of β -Bibenzothiazines. <i>Journal of Organic Chemistry</i> , 2020, 85, 11440-11448.	3.2	5
10	1-Methyl-1,4-cyclohexadiene as a Traceless Reducing Agent for the Synthesis of Catechols and Hydroquinones. <i>Journal of Organic Chemistry</i> , 2019, 84, 13655-13664.	3.2	17
11	Calibration of Squalene, <i>p</i> -Cymene, and Sunflower Oil as Standard Oxidizable Substrates for Quantitative Antioxidant Testing. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6902-6910.	5.2	15
12	A Robust Fungal Allomelanin Mimic: An Antioxidant and Potent Ca^{2+} Electron Donor with Free Radical Properties that can be Tuned by Ionic Liquids. <i>ChemPlusChem</i> , 2019, 84, 1331-1337.	2.8	24
13	Nanoscale PDA disassembly in ionic liquids: structure-property relationships underpinning redox tuning. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12380-12388.	2.8	7
14	Ditocopheryl Sulfides and Disulfides: Synthesis and Antioxidant Profile. <i>Chemistry - A European Journal</i> , 2019, 25, 9108-9116.	3.3	9
15	The role of sulfur and heavier chalcogens in the chemistry of antioxidants. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 638-642.	1.6	5
16	Enhanced Antioxidant Activity under Biomimetic Settings of Ascorbic Acid Included in Halloysite Nanotubes. <i>Antioxidants</i> , 2019, 8, 30.	5.1	23
17	CHAPTER 11. Vitamin E Inspired Synthetic Antioxidants. <i>Food Chemistry, Function and Analysis</i> , 2019, , 151-164.	0.2	1
18	The Role of Onium Salts in the Pro-Oxidant Effect of Gold Nanoparticles in Lipophilic Environments. <i>Chemistry - A European Journal</i> , 2018, 24, 9113-9119.	3.3	6

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19	Methods To Measure the Antioxidant Activity of Phytochemicals and Plant Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3324-3329.	5.2	112
20	Antioxidant activity of nanomaterials. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2036-2051.	5.8	162
21	Extremely Fast Hydrogen Atom Transfer between Nitroxides and HOO• Radicals and Implication for Catalytic Coantioxidant Systems. <i>Journal of the American Chemical Society</i> , 2018, 140, 10354-10362.	13.7	34
22	Proton-Coupled Electron Transfer from Hydrogen-Bonded Phenols to Benzophenone Triplets. <i>Chemistry - A European Journal</i> , 2017, 23, 5299-5306.	3.3	10
23	Explaining the antioxidant activity of some common non-phenolic components of essential oils. <i>Food Chemistry</i> , 2017, 232, 656-663.	8.2	98
24	Hydroxy-substituted trans -cinnamoyl derivatives as multifunctional tools in the context of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 378-389.	5.5	21
25	Measuring Antioxidant Activity in Bioorganic Samples by the Differential Oxygen Uptake Apparatus: Recent Advances. <i>Journal of Chemistry</i> , 2017, 2017, 1-12.	1.9	29
26	The Antioxidant Activity of Quercetin in Water Solution. <i>Biomimetics</i> , 2017, 2, 9.	3.3	46
27	Peroxyl Radical Reactions in Water Solution: A Gym for Proton-Coupled Electron-Transfer Theories. <i>Chemistry - A European Journal</i> , 2016, 22, 7924-7934.	3.3	59
28	Acid Is Key to the Radical-Trapping Antioxidant Activity of Nitroxides. <i>Journal of the American Chemical Society</i> , 2016, 138, 5290-5298.	13.7	61
29	Nanoscale Disassembly and Free Radical Reorganization of Polydopamine in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11942-11950.	2.6	15
30	A synergic nanoantioxidant based on covalently modified halloysite-trolox nanotubes with intra-lumen loaded quercetin. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2229-2241.	5.8	69
31	The effect of aromatic amines and phenols in the thyl-induced reactions of polyunsaturated fatty acids. <i>Radiation Physics and Chemistry</i> , 2016, 124, 104-110.	2.8	6
32	Unprecedented Inhibition of Hydrocarbon Autoxidation by Diarylamine Radical-Trapping Antioxidants. <i>Journal of the American Chemical Society</i> , 2015, 137, 2440-2443.	13.7	25
33	Oxidative stress and aging: a non-invasive EPR investigation in human volunteers. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 235-238.	2.9	6
34	Advantages and limitations of common testing methods for antioxidants. <i>Free Radical Research</i> , 2015, 49, 633-649.	3.3	333
35	Rapid liquid chromatography-tandem mass spectrometry analysis of 4-hydroxynonenal for the assessment of oxidative degradation and safety of vegetable oils. <i>Analytica Chimica Acta</i> , 2015, 869, 50-58.	5.4	12
36	Alditol thiocrowns via a ring-closing metathesis of carbohydrate-derived 1,2-dithioallylethers. <i>Tetrahedron</i> , 2015, 71, 5602-5609.	1.9	2

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37	Maximizing the Reactivity of Phenolic and Aminic Radical-Trapping Antioxidants: Just Add Nitrogen!. <i>Accounts of Chemical Research</i> , 2015, 48, 966-975.	15.6	61
38	Antioxidant Activity of Magnolol and Honokiol: Kinetic and Mechanistic Investigations of Their Reaction with Peroxyl Radicals. <i>Journal of Organic Chemistry</i> , 2015, 80, 10651-10659.	3.2	89
39	Redox-Based Flagging of the Global Network of Oxidative Stress Greatly Promotes Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 936-943.	3.6	15
40	Acylated anthocyanins from sprouts of <i>Raphanus sativus</i> cv. Sango: Isolation, structure elucidation and antioxidant activity. <i>Food Chemistry</i> , 2015, 166, 397-406.	8.2	47
41	From the dual function lead AP2238 to AP2469, a multi-target-directed ligand for the treatment of Alzheimer's disease. <i>Pharmacology Research and Perspectives</i> , 2014, 2, e00023.	2.4	44
42	Redox Chemistry of Selenenic Acids and the Insight It Brings on Transition State Geometry in the Reactions of Peroxyl Radicals. <i>Journal of the American Chemical Society</i> , 2014, 136, 1570-1578.	13.7	48
43	5-S-Lipoylhydroxytyrosol, a Multidense Antioxidant Featuring a Solvent-Tunable Peroxyl Radical-Scavenging 3-Thio-1,2-dihydroxybenzene Motif. <i>Journal of Organic Chemistry</i> , 2013, 78, 9857-9864.	3.2	34
44	Antioxidant Activity of Essential Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10835-10847.	5.2	563
45	Red-Hair-Inspired Chromogenic System Based on a Proton-Switched Dehydrogenative Free-Radical Coupling. <i>Organic Letters</i> , 2013, 15, 4944-4947.	4.6	14
46	Multi-faceted Reactivity of Alkyltellurophenols Towards Peroxyl Radicals: Catalytic Antioxidant Versus Thiol Depletion Effect. <i>Chemistry - A European Journal</i> , 2013, 19, 7510-7522.	3.3	62
47	3-Pyridinols and 5-pyrimidinols: Tailor-made for use in synergistic radical-trapping co-antioxidant systems. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2781-2792.	2.2	32
48	Antioxidant Supplementation in Health Promotion and Modulation of Aging. , 2013, , 1-20.		1
49	Preparation of Highly Reactive Pyridine- and Pyrimidine-Containing Diarylamine Antioxidants. <i>Journal of Organic Chemistry</i> , 2012, 77, 6908-6916.	3.2	53
50	The Reactivity of Air-Stable Pyridine- and Pyrimidine-Containing Diarylamine Antioxidants. <i>Journal of Organic Chemistry</i> , 2012, 77, 6895-6907.	3.2	40
51	CHAPTER 26. Analysis of Maltose and Lactose by U-HPLC-ESI-MS/MS. <i>Food and Nutritional Components in Focus</i> , 2012, , 443-463.	0.1	4
52	Modulation of the antioxidant activity of phenols by non-covalent interactions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4147.	2.8	124
53	Incorporation of Ring Nitrogens into Diphenylamine Antioxidants: Striking a Balance between Reactivity and Stability. <i>Journal of the American Chemical Society</i> , 2012, 134, 8306-8309.	13.7	67
54	Reactivity of 4-Hydroxy-2-nonenal with Fluorinated Phenylhydrazines: Towards the Efficient Derivatization of an Elusive Key Biomarker of Lipid Peroxidation. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3841-3851.	2.4	8

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55	The Reaction of Sulfenic Acids with Peroxyl Radicals: Insights into the Radical Trapping Antioxidant Activity of Plant-Derived Thiosulfonates. <i>Chemistry - A European Journal</i> , 2012, 18, 6370-6379.	3.3	59
56	Identification and analysis of isothiocyanates and new acylated anthocyanins in the juice of <i>Raphanus sativus</i> cv. Sango sprouts. <i>Food Chemistry</i> , 2012, 133, 563-572.	8.2	33
57	Limon (<i>Citrus limon</i> , Burm.f.) essential oil enhances the trans-epidermal release of lipid-soluble (A, E) and water-soluble (B ₆ , C) vitamins from topical emulsions in reconstructed human epidermis. <i>International Journal of Cosmetic Science</i> , 2012, 34, 347-356.	2.6	21
58	Kinetic and thermodynamic aspects of the chain-breaking antioxidant activity of ascorbic acid derivatives in non-aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3792.	2.8	55
59	Phytochemical potential of <i>Eruca sativa</i> for inhibition of melanoma tumor growth. <i>FASEB Journal</i> , 2011, 25, 647-653.	2.2	45
60	Base-Promoted Reaction of 5-Hydroxyuracil Derivatives with Peroxyl Radicals. <i>Organic Letters</i> , 2010, 12, 4130-4133.	4.6	29
61	Long-Lasting Antioxidant Protection: A Regenerable BHA Analogue. <i>Journal of Organic Chemistry</i> , 2010, 75, 7535-7541.	3.2	57
62	Analysis of in vitro release through reconstructed human epidermis and synthetic membranes of multi-vitamins from cosmetic formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 461-467.	2.8	18
63	Preparation and Investigation of Vitamin B ₆ -Derived Aminopyridinol Antioxidants. <i>Chemistry - A European Journal</i> , 2010, 16, 14106-14114.	3.3	42
64	Anomeric discrimination and rapid analysis of underivatized lactose, maltose, and sucrose in vegetable matrices by UPLC-ESI-MS/MS using porous graphitic carbon. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1012-1018.	1.6	23
65	Antimicrobial properties and analytical profile of traditional <i>Eruca sativa</i> seed oil: Comparison with various aerial and root plant extracts. <i>Food Chemistry</i> , 2010, 120, 217-224.	8.2	83
66	Organochalcogen Substituents in Phenolic Antioxidants. <i>Organic Letters</i> , 2010, 12, 2326-2329.	4.6	56
67	Catalytic Chain-Breaking Pyridinol Antioxidants. <i>Journal of Organic Chemistry</i> , 2010, 75, 716-725.	3.2	82
68	Tyrosine Analogues for Probing Proton-Coupled Electron Transfer Processes in Peptides and Proteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 863-872.	13.7	27
69	TEMPO reacts with oxygen-centered radicals under acidic conditions. <i>Chemical Communications</i> , 2010, 46, 5139.	4.1	65
70	The Redox Chemistry of Sulfenic Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 16759-16761.	13.7	56
71	Non-peptidyl low molecular weight radical scavenger IAC attenuates DSS-induced colitis in rats. <i>World Journal of Gastroenterology</i> , 2010, 16, 3642.	3.3	23
72	Antioxidant and pro-oxidant capacities of ITCs. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 222-237.	2.2	90

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73	Unexpected Acid Catalysis in Reactions of Peroxyl Radicals with Phenols. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8348-8351.	13.8	67
74	HS-SPME-GCMS analysis of body odor to test the efficacy of foot deodorant formulations. <i>Skin Research and Technology</i> , 2009, 15, 503-510.	1.6	49
75	In vitro evaluation of the permeation through reconstructed human epidermis of essential oils from cosmetic formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 370-376.	2.8	46
76	The non-peptidyl low molecular weight radical scavenger IAC protects human pancreatic islets from lipotoxicity. <i>Molecular and Cellular Endocrinology</i> , 2009, 309, 63-66.	3.2	28
77	Pyridine and pyrimidine analogs of acetaminophen as inhibitors of lipid peroxidation and cyclooxygenase and lipoxygenase catalysis. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 5103.	2.8	43
78	Guaiazulene in health care products: Determination by GC-MS and HPLC-DAD and photostability test. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 710-715.	2.8	10
79	The Unusual Reaction of Semiquinone Radicals with Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2008, 73, 1830-1841.	3.2	117
80	Kaiware Daikon (<i>Raphanus sativus</i> L.) Extract: A Naturally Multipotent Chemopreventive Agent#. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7823-7830.	5.2	58
81	Cytotoxic and Antioxidant Activity of 4-Methylthio-3-butenyl Isothiocyanate from <i>Raphanus sativus</i> L. (Kaiware Daikon) Sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 875-883.	5.2	129
82	Catalytic Chain-Breaking Pyridinol Antioxidants. <i>Organic Letters</i> , 2008, 10, 4895-4898.	4.6	43
83	Beneficial Effect of the Nonpeptidyl Low Molecular Weight Radical Scavenger IAC on Cultured Human Islet Function. <i>Cell Transplantation</i> , 2008, 17, 1271-1276.	2.5	13
84	Insulin secretion defects of human type 2 diabetic islets are corrected in vitro by a new reactive oxygen species scavenger. <i>Diabetes and Metabolism</i> , 2007, 33, 340-345.	2.9	49
85	Perturbation of cytochrome P450, generation of oxidative stress and induction of DNA damage in <i>Cyprinus carpio</i> exposed in situ to potable surface water. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 626, 143-154.	1.7	30
86	Multi-Target-Directed Drug Design Strategy: From a Dual Binding Site Acetylcholinesterase Inhibitor to a Trifunctional Compound against Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6446-6449.	6.4	244
87	Regenerable Chain-Breaking 2,3-Dihydrobenzo[b]selenophene-5-yl Antioxidants. <i>Journal of Organic Chemistry</i> , 2007, 72, 2583-2595.	3.2	88
88	Antioxidant Profile of Ethoxyquin and Some of Its S, Se, and Te Analogues. <i>Journal of Organic Chemistry</i> , 2007, 72, 6046-6055.	3.2	68
89	Synthesis and Antioxidant Profile of all-rac- \pm -Selenotocopherol. <i>Journal of Organic Chemistry</i> , 2006, 71, 1033-1038.	3.2	81
90	Glucoraphanin, the bioprecursor of the widely extolled chemopreventive agent sulforaphane found in broccoli, induces Phase-I xenobiotic metabolizing enzymes and increases free radical generation in rat liver. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 595, 125-136.	1.0	65

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91	Synthesis and Antioxidant Activity of [60]Fullerene-BHT Conjugates. <i>Chemistry - A European Journal</i> , 2006, 12, 4646-4653.	3.3	66
92	Critical Re-evaluation of the O-H Bond Dissociation Enthalpy in Phenol. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2647-2655.	2.5	202
93	Quantitative evaluation of oxidative stress status on peripheral blood in beta-thalassaemic patients by means of electron paramagnetic resonance spectroscopy. <i>British Journal of Haematology</i> , 2005, 131, 135-140.	2.5	11
94	Direct Antioxidant Activity of Purified Glucoerucin, the Dietary Secondary Metabolite Contained in Rocket (<i>Eruca sativa</i> Mill.) Seeds and Sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2475-2482.	5.2	193
95	Synthesis and Reactivity of Some 6-Substituted-2,4-dimethyl-3-pyridinols, a Novel Class of Chain-Breaking Antioxidants. <i>Journal of Organic Chemistry</i> , 2004, 69, 9215-9223.	3.2	83
96	Induction of cytochrome P450, generation of oxidative stress and in vitro cell-transforming and DNA-damaging activities by glucoraphanin, the bioprecursor of the chemopreventive agent sulforaphane found in broccoli. <i>Carcinogenesis</i> , 2003, 25, 61-67.	2.8	80
97	Avoidance of bioflavonoid supplements during pregnancy: a pathway to infant leukemia?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 527, 99-101.	1.0	11
98	The Effect of Ring Nitrogen Atoms on the Homolytic Reactivity of Phenolic Compounds: Understanding the Radical-Scavenging Ability of 5-Pyrimidinols. <i>Chemistry - A European Journal</i> , 2003, 9, 4997-5010.	3.3	94
99	6-Amino-3-Pyridinols: Towards Diffusion-Controlled Chain-Breaking Antioxidants. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4370-4373.	13.8	125
100	6-Amino-3-Pyridinols: Towards Diffusion-Controlled Chain-Breaking Antioxidants. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4847-4847.	13.8	2
101	Determination of antioxidant efficacy of cosmetic formulations by non-invasive measurements. <i>Skin Research and Technology</i> , 2003, 9, 245-253.	1.6	21
102	Modeling the Co-Antioxidant Behavior of Monofunctional Phenols. Applications to Some Relevant Compounds. <i>Journal of Organic Chemistry</i> , 2003, 68, 9654-9658.	3.2	63
103	Antioxidant vitamins for prevention of cardiovascular disease. <i>Lancet, The</i> , 2003, 362, 920.	13.7	14
104	Taking EPR "Snapshots" of the Oxidative Stress Status in Human Blood. <i>Free Radical Research</i> , 2003, 37, 503-508.	3.3	18
105	The EPR study of dialkyl nitroxides as probes to investigate the exchange of solutes between micellar and water phases. <i>Research on Chemical Intermediates</i> , 2002, 28, 131-141.	2.7	23
106	Substituent Effects on the Bond Dissociation Enthalpies of Aromatic Amines. <i>Journal of the American Chemical Society</i> , 2002, 124, 11085-11092.	13.7	116
107	A Quantitative Approach to the Recycling of α -Tocopherol by Coantioxidants. <i>Journal of Organic Chemistry</i> , 2002, 67, 9295-9303.	3.2	60
108	Oxidative Stress EPR Measurement in Human Liver by Radical-probe Technique. Correlation with Etiology, Histology and Cell Proliferation. <i>Free Radical Research</i> , 2002, 36, 939-948.	3.3	97

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109	Determination of trans-anethole in <i>Salvia sclarea</i> essential oil by liquid chromatography and GC-MS. <i>Journal of Separation Science</i> , 2002, 25, 703-709.	2.5	12
110	5-Pyrimidinols: A Novel Chain-Breaking Antioxidants More Effective than Phenols. <i>Journal of the American Chemical Society</i> , 2001, 123, 4625-4626.	13.7	146
111	Absolute rate constants for the reaction of peroxy radicals with cardanol derivatives. <i>Perkin Transactions II RSC</i> , 2001, , 2142-2146.	1.1	73
112	Photometric assay for polyphenol oxidase activity in olives, olive pastes, and virgin olive oils. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2001, 78, 1245-1248.	1.9	9
113	Thermochemical and Kinetic Studies of a Bisphenol Antioxidant. <i>Journal of Organic Chemistry</i> , 2001, 66, 5456-5462.	3.2	50
114	Measurement of oxidative stress by EPR radical-probe technique. <i>Free Radical Biology and Medicine</i> , 2001, 31, 708-716.	2.9	98
115	MEASUREMENT OF OXIDATIVE STRESS BY EPR RADICAL-PROBE TECHNIQUE. , 2001, , 274-282.		0
116	Induction of cytochrome P450 enzymes and over-generation of oxygen radicals in beta-carotene supplemented rats. <i>Carcinogenesis</i> , 2001, 22, 1483-1495.	2.8	91
117	Formation of a Blue Adduct between 4-tert-Butyl-1,2-benzoquinone and 4-Amino-N,N-diethylaniline. <i>Tetrahedron</i> , 2000, 56, 659-662.	1.9	9
118	Measurement of oxidative stress in human liver by EPR spin-probe technique. <i>Free Radical Research</i> , 2000, 33, 167-178.	3.3	56
119	Spectrophotometric Method for the Determination of Polyphenol Oxidase Activity by Coupling of 4-tert-Butyl-1,2-Benzoquinone and 4-Amino-N,N-Diethylaniline. <i>Analytical Letters</i> , 1999, 32, 2007-2017.	1.8	12
120	Reactivity of Substituted Phenols Toward Alkyl Radicals. <i>Journal of the American Chemical Society</i> , 1999, 121, 507-514.	13.7	83
121	Captan impairs CYP-catalyzed drug metabolism in the mouse. <i>Chemico-Biological Interactions</i> , 1999, 123, 149-170.	4.0	21
122	Solvent Effects on the Antioxidant Activity of Vitamin E1. <i>Journal of Organic Chemistry</i> , 1999, 64, 3381-3383.	3.2	108
123	Synthesis and Calibration of Two Radical Timing Devices: 2-Methyl-2-(1-naphthyl)- and 2-Methyl-2-(2-naphthyl)-1-bromopropane. <i>Journal of Organic Chemistry</i> , 1999, 64, 3726-3730.	3.2	13
124	Bond Dissociation Energies of the N-H Bond and Rate Constants for the Reaction with Alkyl, Alkoxy, and Peroxy Radicals of Phenothiazines and Related Compounds. <i>Journal of the American Chemical Society</i> , 1999, 121, 11546-11553.	13.7	166
125	Do Peroxy Radicals Obey the Principle That Kinetic Solvent Effects on H-Atom Abstraction Are Independent of the Nature of the Abstracting Radical?. <i>Journal of Organic Chemistry</i> , 1998, 63, 4497-4499.	3.2	43
126	Does β -Carotene Really Protect Vitamin E from Oxidation?. <i>Journal of the American Chemical Society</i> , 1997, 119, 8095-8096.	13.7	54

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127	Addition Reactions of Tris(trimethylsilyl)germyl Radicals to Unsaturated Compounds. An EPR and Product Study. <i>Journal of Organic Chemistry</i> , 1997, 62, 8009-8014.	3.2	41
128	Homolytic Reactivity of Ligated Boranes toward Alkyl, Alkoxy, and Peroxyl Radicals. <i>Journal of Organic Chemistry</i> , 1996, 61, 1161-1164.	3.2	25
129	Reactions of Substituted Boryl Radicals with Nitroalkanes. EPR, Kinetic, and Product Studies. <i>Journal of Organic Chemistry</i> , 1996, 61, 4309-4313.	3.2	26
130	Antioxidant Activities of Vitamin E Analogues in Water and a Kamlet-Taft ρ^2 -Value for Water ¹ . <i>Journal of the American Chemical Society</i> , 1996, 118, 3545-3549.	13.7	93
131	Solvent Effects on the Reactivity and Free Spin Distribution of 2,2-Diphenyl-1-picrylhydrazyl Radicals ¹ . <i>Journal of Organic Chemistry</i> , 1996, 61, 7947-7950.	3.2	56
132	Kinetic Solvent Effects on Hydroxylic Hydrogen Atom Abstractions Are Independent of the Nature of the Abstracting Radical. Two Extreme Tests Using Vitamin E and Phenol. <i>Journal of the American Chemical Society</i> , 1995, 117, 9966-9971.	13.7	219