Steven D Aust

List of Publications by Year in Descending Order

185 papers	17,651 citations	52 h-index	131 g-index
188 ext. papers	18,502 ext. citations	4 avg, IF	6.34 L-index

#	Paper	IF	Citations
185	Determining the local origin of hydroxyl radical generation during phacoemulsification. *Journal of Cataract and Refractive Surgery*, **2011**, 37, 1154-9	2.3	4
184	Hydroxyl free radical production during torsional phacoemulsification. *Journal of Cataract and Refractive Surgery*, **2010**, 36, 2146-9	2.3	6
183	Quantification of hydroxyl radical produced during phacoemulsification. *Journal of Cataract and Refractive Surgery*, **2009**, 35, 2149-53	2.3	7
182	The effect of copper deficiency on the formation of hemosiderin in sprague-dawley rats. *BioMetals*, **2007**, 20, 829-39	3.4	8
181	Bioremediation monitoring. *Environmental Health Perspectives*, **2005**, 113, A444	8.4	
180	Detoxification and Metabolism of Chemicals by White-Rot Fungi. *ACS Symposium Series*, **2003**, 3-14	0.4	14
179	Free Radical Reactions of Wood-Degrading Fungi. *ACS Symposium Series*, **2003**, 16-31	0.4	3
178	Deleterious iron-mediated oxidation of biomolecules. *Free Radical Biology and Medicine*, **2002**, 32, 577-83	7.8	160
177	The role of cysteine residues in the oxidation of ferritin. *Free Radical Biology and Medicine*, **2002**, 33, 399-408	7.8	24
176	Iron autoxidation and free radical generation: effects of buffers, ligands, and chelators. *Archives of Biochemistry and Biophysics*, **2002**, 397, 360-9	4.1	229
175	Cellobiose dehydrogenase-an extracellular fungal flavocytochrome. *Enzyme and Microbial Technology*, **2001**, 28, 129-138	3.8	90
174	Modification of ferritin during iron loading. *Free Radical Biology and Medicine*, **2001**, 31, 999-1006	7.8	22
173	The consequences of hydroxyl radical formation on the stoichiometry and kinetics of ferrous iron oxidation by human apoferritin. *Free Radical Biology and Medicine*, **2001**, 31, 1007-17	7.8	17
172	Identification of free radicals produced during phacoemulsification. *Journal of Cataract and Refractive Surgery*, **2001**, 27, 463-70	2.3	61
171	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Biodegradation in Liquid and Solid-State Matrices by Phanerochaete chrysosporium. *Bioremediation Journal*, **2001**, 5, 13-25	2.3	15
170	Role of disulfide bonds in the stability of recombinant manganese peroxidase. *Biochemistry*, **2001**, 40, 8161-8	3.2	17
169	Measurement of lipid peroxidation. *Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]*, **2001**, Chapter 2, Unit 2.4	1	29

168	Engineering a disulfide bond in recombinant manganese peroxidase results in increased thermostability. *Biotechnology Progress*, **2000**, 16, 326-33	2.8	39
167	Biodegradation of superabsorbent polymers in soil. *Environmental Science and Pollution Research*, **2000**, 7, 83-8	5.1	70
166	Cellobiose dehydrogenase-dependent biodegradation of polyacrylate polymers by Phanerochaete chrysosporium. *Environmental Science and Pollution Research*, **2000**, 7, 130-4	5.1	20
165	Transformation of 2,4,6-Trinitrotoluene (TNT) Reduction Products by Lignin Peroxidase (H8) from the White-Rot Basidiomycete Phanerochaete chrysosporium. *Bioremediation Journal*, **2000**, 4, 135-145	2.3	8
164	Substrate specificity of lignin peroxidase and a S168W variant of manganese peroxidase. *Archives of Biochemistry and Biophysics*, **2000**, 373, 147-53	4.1	35
163	Intact human ceruloplasmin is required for the incorporation of iron into human ferritin. *Archives of Biochemistry and Biophysics*, **2000**, 381, 119-26	4.1	30
162	Production of recombinant human apoferritin heteromers. *Archives of Biochemistry and Biophysics*, **2000**, 384, 116-22	4.1	11
161	Kinetics and reactivity of the flavin and heme cofactors of cellobiose dehydrogenase from Phanerochaete chrysosporium. *Biochemistry*, **2000**, 39, 13595-601	3.2	19
160	Mutational analysis of loading of iron into rat liver ferritin by ceruloplasmin. *Archives of Biochemistry and Biophysics*, **1999**, 361, 295-301	4.1	5
159	Relative stability of recombinant versus native peroxidases from Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1999**, 365, 328-34	4.1	49
158	Degradation of chemicals by reactive radicals produced by cellobiose dehydrogenase from Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1999**, 367, 115-21	4.1	43
157	Addition of veratryl alcohol oxidase activity to manganese peroxidase by site-directed mutagenesis. *Biochemical and Biophysical Research Communications*, **1999**, 256, 500-4	3.4	40
156	The effects of different buffers on the oxidation of DNA by thiols and ferric iron. *Journal of Biochemical and Molecular Toxicology*, **1998**, 12, 125-32	3.4	17
155	The effect of putative nucleation sites on the loading and stability of iron in ferritin. *Archives of Biochemistry and Biophysics*, **1998**, 350, 259-65	4.1	8
154	Mutational analysis of the four alpha-helix bundle iron-loading channel of rat liver ferritin. *Archives of Biochemistry and Biophysics*, **1998**, 352, 71-7	4.1	9
153	Evidence for a protein-protein complex during iron loading into ferritin by ceruloplasmin. *Archives of Biochemistry and Biophysics*, **1998**, 354, 165-71	4.1	18
152	Studies on the interaction between ferritin and ceruloplasmin. *Archives of Biochemistry and Biophysics*, **1998**, 355, 56-62	4.1	17
151	Mechanisms for protection against inactivation of manganese peroxidase by hydrogen peroxide. *Archives of Biochemistry and Biophysics*, **1998**, 356, 287-95	4.1	38

150	Iron and phosphate content of rat ferritin heteropolymers. *Archives of Biochemistry and Biophysics*, **1998**, 357, 293-8	4.1	7
149	Iron loading into ferritin by an intracellular ferroxidase. *Archives of Biochemistry and Biophysics*, **1998**, 359, 69-76	4.1	16
148	Effect of modified hemes on the spectral properties and activity of manganese peroxidase. *Archives of Biochemistry and Biophysics*, **1998**, 359, 291-6	4.1	8
147	Suppression of cell growth by heavy chain ferritin. *Biochemical and Biophysical Research Communications*, **1998**, 242, 39-45	3.4	11
146	Expression of the lignin peroxidase H2 gene from Phanerochaete chrysosporium in Escherichia coli. *Biochemical and Biophysical Research Communications*, **1998**, 249, 146-50	3.4	41
145	Biodegradation of Dioxin and Dioxin-Like Compounds by White-Rot Fungi **1998**, 61-73		
144	Thermodynamics of binding of the distal calcium to manganese peroxidase. *Biochemistry*, **1997**, 36, 8567-73	3.2	29
143	Peroxidase substrates stimulate the oxidation of hydralazine to metabolites which cause single-strand breaks in DNA. *Chemical Research in Toxicology*, **1997**, 10, 328-34	4	142
142	Detection and characterization of the lignin peroxidase compound II-veratryl alcohol cation radical complex. *Biochemistry*, **1997**, 36, 14181-5	3.2	22
141	Spectral changes of lignin peroxidase during reversible inactivation. *Biochemistry*, **1997**, 36, 5113-9	3.2	32
140	Role of calcium in maintaining the heme environment of manganese peroxidase. *Biochemistry*, **1997** , 36, 3654-62	3.2	70
139	Roles of efficient substrates in enhancement of peroxidase-catalyzed oxidations. *Biochemistry*, **1997**, 36, 139-47	3.2	41
138	Effect of calcium on the reversible thermal inactivation of lignin peroxidase. *Archives of Biochemistry and Biophysics*, **1997**, 337, 225-31	4.1	41
137	Kinetics of calcium release from manganese peroxidase during thermal inactivation. *Archives of Biochemistry and Biophysics*, **1997**, 342, 169-75	4.1	11
136	Stimulation of the ferroxidase activity of ceruloplasmin during iron loading into ferritin. *Archives of Biochemistry and Biophysics*, **1997**, 347, 242-8	4.1	22
135	Loading of iron into recombinant rat liver ferritin heteropolymers by ceruloplasmin. *Archives of Biochemistry and Biophysics*, **1997**, 341, 280-6	4.1	21
134	Effects of Mn2+ and oxalate on the catalatic activity of manganese peroxidase. *Biochemical and Biophysical Research Communications*, **1997**, 239, 645-9	3.4	21
133	Pulmonary ferritin: differential effects of hyperoxic lung injury on subunit mRNA levels. *Free Radical Biology and Medicine*, **1997**, 22, 901-8	7.8	23

132	Biodegradation of crosslinked acrylic polymers by a white-rot fungus. *Environmental Science and Pollution Research*, **1997**, 4, 16-20	5.1	47
131	Free radicals produced during the oxidation of hydrazines by hypochlorous acid. *Chemical Research in Toxicology*, **1996**, 9, 1333-9	4	25
130	Redox mediation in the peroxidase-catalyzed oxidation of aminopyrine: possible implications for drug-drug interactions. *Chemical Research in Toxicology*, **1996**, 9, 476-83	4	22
129	EPR detection and characterization of lignin peroxidase porphyrin pi-cation radical. *Biochemistry*, **1996**, 35, 13107-11	3.2	46
128	Oxidation of 1,2,4,5-tetramethoxybenzene by lignin peroxidase of Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1996**, 326, 261-5	4.1	9
127	The effect of veratryl alcohol on manganese oxidation by lignin peroxidase. *Archives of Biochemistry and Biophysics*, **1996**, 327, 20-6	4.1	11
126	The effects of calcium on the thermal stability and activity of manganese peroxidase. *Archives of Biochemistry and Biophysics*, **1996**, 332, 128-34	4.1	50
125	Expression and loading of recombinant heavy and light chain homopolymers of rat liver ferritin. *Archives of Biochemistry and Biophysics*, **1996**, 335, 197-204	4.1	25
124	Stabilization of the veratryl alcohol cation radical by lignin peroxidase. *Biochemistry*, **1996**, 35, 6418-24	3.2	83
123	Degradation of pentachlorophenol in soil by Phanerochaete chrysosporium. *Journal of Hazardous Materials*, **1995**, 41, 177-183	12.8	17
122	Reductive Dehalogenation of Aliphatic Halocarbons by Lignin Peroxidase of Phanerochaete chrysosporium. *Environmental Science & Technology*, **1995**, 29, 719-25	10.3	51
121	Evidence for formation of the veratryl alcohol cation radical by lignin peroxidase. *Biochemistry*, **1995**, 34, 6020-5	3.2	39
120	Lignin peroxidases can also oxidize manganese. *Biochemistry*, **1995**, 34, 7773-9	3.2	33
119	The effect of manganese on the oxidation of chemicals by lignin peroxidase. *Biochemistry*, **1995**, 34, 12624-9	3.2	11
118	Evidence for veratryl alcohol as a redox mediator in lignin peroxidase-catalyzed oxidation. *Biochemistry*, **1995**, 34, 5060-5	3.2	81
117	Properties of a transplasma membrane redox system of Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1995**, 320, 369-74	4.1	18
116	Effects of glutathione on Fenton reagent-dependent radical production and DNA oxidation. *Archives of Biochemistry and Biophysics*, **1995**, 324, 111-6	4.1	51
115	Veratryl alcohol oxidation by lignin peroxidase. *Biochemistry*, **1995**, 34, 16860-9	3.2	68

114	Ferritin as a source of iron and protection from iron-induced toxicities. *Toxicology Letters*, **1995**, 82-83, 941-4	4.4	40
113	Mechanisms of Degradation by White Rot Fungi. *Environmental Health Perspectives*, **1995**, 103, 59	8.4	5
112	Impact of Nutrients on Cellular Lipid Peroxidation and Antioxidant Defense System. *Toxicological Sciences*, **1995**, 26, 1-7	4.4	3
111	Determination of rate constants for rapid peroxidase reactions. *Analytical Biochemistry*, **1995**, 231, 333-8	3.1	33
110	Biodegradation of 2,4,6-Trinitrotoluene by the White Rot Fungus Phanerochaete Chrysosporium **1995**, 117-133		26
109	Mechanisms white rot fungi use to degrade pollutants. *Environmental Science & Technology*, **1994**, 28, 78A-87A	10.3	274
108	Thiobarbituric Acid Assay Reactants **1994**, 367-376		7
107	Pollutant degradation by white rot fungi. *Reviews of Environmental Contamination and Toxicology*, **1994**, 138, 49-72	3.5	48
106	Degradation of Cyanides by the White Rot Fungus Phanerochaete chrysosporium. *ACS Symposium Series*, **1993**, 191-202	0.4	3
105	The role of metals in the enzymatic and nonenzymatic oxidation of epinephrine. *Journal of Biochemical Toxicology*, **1993**, 8, 33-9		20
104	The role of iron in oxygen-mediated toxicities. *Critical Reviews in Toxicology*, **1992**, 22, 119-41	5.7	202
103	Use of white rot fungi in the degradation of environmental chemicals. *Toxicology Letters*, **1992**, 64-65 Spec No, 493-501	4.4	39
102	Stoichiometry of Fe(II) oxidation during ceruloplasmin-catalyzed loading of ferritin. *Archives of Biochemistry and Biophysics*, **1992**, 298, 259-64	4.1	27
101	Rat ceruloplasmin: resistance to proteolysis and kinetic comparison with human ceruloplasmin. *Archives of Biochemistry and Biophysics*, **1992**, 293, 1-8	4.1	31
100	Inhibition of veratryl alcohol oxidase activity of lignin peroxidase H2 by 3-amino-1,2,4-triazole. *Archives of Biochemistry and Biophysics*, **1992**, 293, 287-91	4.1	13
99	In vitro loading of apoferritin. *Archives of Biochemistry and Biophysics*, **1992**, 293, 409-15	4.1	31
98	Production of hydroxyl radical by lignin peroxidase from Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1992**, 298, 480-5	4.1	72
97	Effects of deferrioxamine on iron-catalyzed lipid peroxidation. *Archives of Biochemistry and Biophysics*, **1992**, 295, 240-6	4.1	34

96	Redox cycling of iron and lipid peroxidation. *Lipids*, **1992**, 27, 219-26	1.6	222
95	Biodegradation of Munition Waste, TNT (2,4,6-Trinitrotoluene), and RDX (Hexahydro-1,3,5-Trinitro-1,3,5-triazine) by Phanerochaete chrysosporium. *ACS Symposium Series*, **1991**, 214-232	0.4	27
94	Inhibition of lignin peroxidase H2 by sodium azide. *Archives of Biochemistry and Biophysics*, **1991**, 288, 456-62	4.1	16
93	Metabolism of cyanide by Phanerochaete chrysosporium. *Archives of Biochemistry and Biophysics*, **1991**, 290, 173-8	4.1	23
92	Heterologous expression of active manganese peroxidase from Phanerochaete chrysosporium using the baculovirus expression system. *Biochemical and Biophysical Research Communications*, **1991**, 179, 897-903	3.4	57
91	Effects of ceruloplasmin on superoxide-dependent iron release from ferritin and lipid peroxidation. *Free Radical Research Communications*, **1991**, 12-13 Pt 1, 153-9		27
90	TRANSITION METALS IN OXIDATIVE STRESS: AN OVERVIEW **1991**, 802-807		2
89	Iron redox reactions and lipid peroxidation. *Methods in Enzymology*, **1990**, 186, 457-63	1.7	23
88	Degradation of environmental pollutants byPhanerochaete chrysosporium. *Microbial Ecology*, **1990**, 20, 197-209	4.4	151
87	The effect of TCDD on acyl CoA:retinol acyltransferase activity and vitamin A accumulation in the kidney of male Sprague-Dawley rats. *Journal of Biochemical Toxicology*, **1990**, 5, 155-60		19
86	Effects of (+)-1,2-bis(3,5-dioxopiperazin-1-yl)propane (ADR-529) on iron-catalyzed lipid peroxidation. *Chemical Research in Toxicology*, **1990**, 3, 384-90	4	11
85	Lignin peroxidase H2 from Phanerochaete chrysosporium: purification, characterization and stability to temperature and pH. *Archives of Biochemistry and Biophysics*, **1990**, 279, 158-66	4.1	102
84	Oxidation of Environmental Pollutants by Lignin Peroxidases from White Rot Fungi **1990**, 453-464		1
83	The role of iron in oxygen radical mediated lipid peroxidation. *Chemico-Biological Interactions*, **1989**, 71, 1-19	5	162
82	TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) is a tight binding inhibitor of cytochrome P-450d. *Journal of Biochemical Toxicology*, **1989**, 4, 105-9		52
81	Vanadate-dependent NAD(P)H oxidation by microsomal enzymes. *Archives of Biochemistry and Biophysics*, **1989**, 270, 137-43	4.1	16
80	Alloxan- and glutathione-dependent ferritin iron release and lipid peroxidation. *Archives of Biochemistry and Biophysics*, **1989**, 269, 407-14	4.1	18
79	Studies of ascorbate-dependent, iron-catalyzed lipid peroxidation. *Archives of Biochemistry and Biophysics*, **1989**, 271, 113-9	4.1	232

78	Effects of culture parameters on DDT [1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane] biodegradation by. *Chemosphere*, **1989**, 19, 1387-1398	8.4	34
77	Metal ions, oxygen radicals and tissue damage. *Forum of Nutrition*, **1989**, 43, 266-77		10
76	Inducers of cytochrome P-450d: influence on microsomal catalytic activities and differential regulation by enzyme stabilization. *Archives of Biochemistry and Biophysics*, **1988**, 262, 76-84	4.1	33
75	Iron release from ferritin and lipid peroxidation by radiolytically generated reducing radicals. *Archives of Biochemistry and Biophysics*, **1988**, 264, 238-43	4.1	53
74	Effect on biochemical markers of brain injury of therapy with deferoxamine or superoxide dismutase following cardiac arrest. *American Journal of Emergency Medicine*, **1988**, 6, 569-76	2.9	22
73	Inhibition of 2-aminofluorene mutagenesis in bacteria by inducers of cytochrome P-450d. *Carcinogenesis*, **1988**, 9, 327-9	4.6	11
72	Release of iron from ferritin and its role in oxygen radical toxicities. *Drug Metabolism Reviews*, **1988** , 19, 283-303	7	46
71	Iron redox reactions and lipid peroxidation. *Basic Life Sciences*, **1988**, 49, 137-44		4
70	Biodegradation of Chlorinated Organic Compounds by Phanerochaete chrysosporium, a Wood-Rotting Fungus. *ACS Symposium Series*, **1987**, 340-349	0.4	11
69	Brain cortex tissue Ca, Mg, Fe, Na, and K following resuscitation from cardiac arrest in dogs. *American Journal of Emergency Medicine*, **1987**, 5, 19-23	2.9	13
68	Superoxide-dependent redox cycling of citrate-Fe3+: evidence for a superoxide dismutaselike activity. *Archives of Biochemistry and Biophysics*, **1987**, 253, 257-67	4.1	29
67	An investigation into the mechanism of citrate-Fe2+-dependent lipid peroxidation. *Free Radical Biology and Medicine*, **1987**, 3, 379-87	7.8	184
66	Natural course of iron delocalization and lipid peroxidation during the first eight hours following a 15-minute cardiac arrest in dogs. *Annals of Emergency Medicine*, **1987**, 16, 1200-5	2.1	44
65	Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan. *Archives of Toxicology*, **1987**, 60, 229-37	5.8	9
64	The role of iron in the initiation of lipid peroxidation. *Chemistry and Physics of Lipids*, **1987**, 44, 191-208	3.7	214
63	Biodegradation of environmental pollutants by the white rot fungus Phanerochaete chrysosporium: Involvement of the lignin degrading system. *BioEssays*, **1987**, 6, 166-170	4.1	205
62	The effect of 3,4,3Ţ4Ŧtetrachlorobiphenyl on plasma retinol and hepatic retinyl palmitate hydrolase activity in female Sprague-Dawley rats. *Toxicology and Applied Pharmacology*, **1987**, 89, 370-7	4.6	13
61	Specific binding of polyhalogenated aromatic hydrocarbon inducers of cytochrome P-450d to the cytochrome and inhibition of its estradiol 2-hydroxylase activity. *Toxicology and Applied Pharmacology*, **1987**, 90, 69-78	4.6	100

60	The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats. *Journal of Biochemical Toxicology*, **1986**, 1, 27-42		2
59	Free radicals and environmental toxins. *Annals of Emergency Medicine*, **1986**, 15, 1075-83	2.1	36
58	Brain iron delocalization and lipid peroxidation following cardiac arrest. *Annals of Emergency Medicine*, **1986**, 15, 384-9	2.1	91
57	Myocardial tissue iron delocalization and evidence for lipid peroxidation after two hours of ischemia. *Annals of Emergency Medicine*, **1986**, 15, 1155-9	2.1	42
56	Ischemia, resuscitation, and reperfusion: mechanisms of tissue injury and prospects for protection. *American Heart Journal*, **1986**, 111, 768-80	4.9	80
55	Release of iron from ferritin by cardiotoxic anthracycline antibiotics. *Archives of Biochemistry and Biophysics*, **1986**, 248, 684-9	4.1	103
54	Importance of the polyunsaturated fatty acid to vitamin E ratio in the resistance of rat lung microsomes to lipid peroxidation. *Journal of Free Radicals in Biology & Medicine*, **1986**, 2, 397-403		11
53	Transferrin-dependent lipid peroxidation. *Journal of Free Radicals in Biology & Medicine*, **1986**, 2, 99-105		10
52	Occurrence and clinical manifestations of lupinosis and slaframine toxicosis **1986**, 81-90		
51	Active oxygen and toxicity. *Advances in Experimental Medicine and Biology*, **1986**, 197, 513-26	3.6	14
50	Postischemic tissue injury by iron-mediated free radical lipid peroxidation. *Annals of Emergency Medicine*, **1985**, 14, 804-9	2.1	82
49	Cardiac arrest and resuscitation: brain iron delocalization during reperfusion. *Annals of Emergency Medicine*, **1985**, 14, 1037-43	2.1	57
48	Toxicity of 3,4,5,3Ţ4Ţ5Ŧhexabrominated biphenyl and 3,4,3Ţ4Ŧtetrabrominated biphenyl. *Toxicology and Applied Pharmacology*, **1985**, 78, 88-95	4.6	22
47	Studies on the structure-activity relationships for the metabolism of polybrominated biphenyls by rat liver microsomes. *Toxicology and Applied Pharmacology*, **1985**, 78, 96-104	4.6	64
46	Photolysis Products of 2,4,5,2?,4?,5?-Hexabromobiphenyl: Hepatic Microsomal Enzyme Induction and Toxicity in Sprague-Dawley Rats. *Toxicological Sciences*, **1985**, 5, 555-567	4.4	
45	Role of metals in oxygen radical reactions. *Journal of Free Radicals in Biology & Medicine*, **1985**, 1, 3-25		918
44	Rat liver microsomal NADPH-dependent release of iron from ferritin and lipid peroxidation. *Journal of Free Radicals in Biology & Medicine*, **1985**, 1, 293-300		76
43	Post resuscitation iron delocalization and malondialdehyde production in the brain following prolonged cardiac arrest. *Journal of Free Radicals in Biology & Medicine*, **1985**, 1, 111-6		75

42	Photolysis products of 2,4,5,2Ţ4Ţ5Ţhexabromobiphenyl: hepatic microsomal enzyme induction and toxicity in Sprague-Dawley rats. *Fundamental and Applied Toxicology*, **1985**, 5, 555-67		4
41	Paraquat and ferritin-dependent lipid peroxidation. *Journal of Free Radicals in Biology & Medicine*, **1985**, 1, 179-85		49
40	Iron chelation prevents tissue injury following ischemia. *Advances in Free Radical Biology & Medicine*, **1985**, 1, 1-17		89
39	Effect of varying the length of exposure to polybrominated biphenyls on the development of gamma-glutamyl transpeptidase enzyme-altered foci. *Carcinogenesis*, **1984**, 5, 63-6	4.6	21
38	Brain injury by ischemic anoxia: hypothesis extension--a tale of two ions?. *Annals of Emergency Medicine*, **1984**, 13, 862-7	2.1	67
37	Studies on cytochrome P-450-dependent lipid hydroperoxide reduction. *Archives of Biochemistry and Biophysics*, **1984**, 233, 80-7	4.1	43
36	EVIDENCE FOR THE INITIATION OF LIPID PEROXIDATION BY A FERROUSDIOXYGEN- FERRIC CHELATE COMPLEX **1984**, 147-154		4
35	Redox Cycling and Lipid Peroxidation: The Central Role of Iron Chelates. *Toxicological Sciences*, **1983**, 3, 222-226	4.4	
34	Effect of hydrogen peroxide on the initiation of microsomal lipid peroxidation. *Biochemical Pharmacology*, **1983**, 32, 123-7	6	63
33	Comparisons of warfarin metabolism by liver microsomes of rats treated with a series of polybrominated biphenyl congeners and by the component-purified cytochrome P-450 isozymes. *Archives of Biochemistry and Biophysics*, **1983**, 225, 398-404	4.1	46
32	The requirement for ferric in the initiation of lipid peroxidation by chelated ferrous iron. *Biochemical and Biophysical Research Communications*, **1983**, 111, 777-84	3.4	220
31	Inhibition of metabolic cooperation in Chinese hamster V79 cells in culture by various polybrominated biphenyl (PBB) congeners. *Carcinogenesis*, **1982**, 3, 181-5	4.6	64
30	Reconstitution of Some Biochemical and Toxicological Effects of Commercial Mixtures of Polybrominated Biphenyls. *Toxicological Sciences*, **1982**, 2, 322-326	4.4	
29	Polybrominated biphenyls as promoters in experimental hepatocarcinogenesis in rats. *Carcinogenesis*, **1982**, 3, 1183-6	4.6	55
28	Toxicity and Microsomal Enzyme Induction Effects of Several Polybrominated Biphenyls of Firemaster. *Toxicological Sciences*, **1982**, 2, 313-321	4.4	1
27	Purification of polybrominated biphenyl congeners. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **1982**, 9, 423-38	3.2	14
26	Thiol-dependent lipid peroxidation. *Biochemical and Biophysical Research Communications*, **1982**, 107, 279-85	3.4	136
25	Rabbit liver microsomal lipid peroxidation. The effect of lipid on the rate of peroxidation. *Lipids and Lipid Metabolism*, **1982**, 712, 1-9		52

24	An investigation into the role of hydroxyl radical in xanthine oxidase-dependent lipid peroxidation. *Archives of Biochemistry and Biophysics*, **1982**, 216, 142-51	4.1	150
23	The multiple effects of ethylenediaminetetraacetate in several model lipid peroxidation systems. *Archives of Biochemistry and Biophysics*, **1982**, 218, 450-8	4.1	98
22	Liver microsomal enzyme induction and toxicity studies with 2,4,5,3Ţ4Ţpentabromobiphenyl. *Toxicology and Applied Pharmacology*, **1982**, 64, 187-203	4.6	24
21	Effects of 2,2Ţdibromobiphenyl and 2,2Ţ3,4,4Ţ5,5Ţheptabromobiphenyl on liver microsomal drug metabolizing enzymes. *Toxicology and Applied Pharmacology*, **1979**, 48, 73-86	4.6	30
20	Identification of a major component of polybrominated biphenyls as 2,2Ţ 3, 4,4Ţ 5, 5Ţheptabromobiphenyl. *Bulletin of Environmental Contamination and Toxicology*, **1978**, 20, 478-83	2.7	10
19	The role of superoxide and singlet oxygen in lipid peroxidation. *Photochemistry and Photobiology*, **1978**, 28, 803-9	3.6	150
18	Purification and structural characterization of polybrominated biphenyl congeners. *Biochemical and Biophysical Research Communications*, **1978**, 84, 936-42	3.4	32
17	Microsomal lipid peroxidation. *Methods in Enzymology*, **1978**, 52, 302-10	1.7	8010
16	2,4,5,3Ţ4Ţ5Ţhexabromobiphenyl is both a 3-methylcholanthrene-and a phenobarbital-type inducer of microsomal drug metabolizing enzymes. *Biochemical and Biophysical Research Communications*, **1978**, 85, 450-8	3.4	57
15	Induction of liver microsomal drug-metabolizing enzymes by 2,2Ţ4,4Ţ5,5Ţhexabromobiphenyl. *Toxicology and Applied Pharmacology*, **1978**, 44, 309-21	4.6	63
14	Detection of hemoproteins in SDS-polyacrylamide gels. *Methods in Enzymology*, **1978**, 52, 324-31	1.7	13
13	The role of tyrosinase in the inactivation of house fly microsomal mixed-function oxidases. *Pesticide Biochemistry and Physiology*, **1977**, 7, 564-572	4.9	7
12	Lactoperoxidase-catalyzed lipid peroxidation of microsomal and artificial membranes. *Biochimica Et Biophysica Acta - General Subjects*, **1976**, 444, 192-201	4	95
11	The mechanism of liver microsomal lipid peroxidation. *Biochimica Et Biophysica Acta - General Subjects*, **1975**, 385, 232-41	4	122
10	Comparative studies of rat liver and lung NADPH-cytochrome c reductase. *Biochimica Et Biophysica Acta - General Subjects*, **1975**, 385, 371-9	4	25
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