

# Yury A Vladimirov

## List of Publications by Year in descending order

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153  
papers

3,666  
citations

186265

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133252

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156  
all docs

156  
docs citations

156  
times ranked

3399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the molecular dynamics of cytochrome C in aqueous and water-methanol environment. Mendelev Communications, 2022, 32, 336-337.	1.6	1
2	Effects of Laser Radiation on Mitochondria and Mitochondrial Proteins Subjected to Nitric Oxide. Frontiers in Medicine, 2018, 5, 112.	2.6	8
3	Structure of the complex of cytochrome c with cardiolipin in non-polar environment. Chemistry and Physics of Lipids, 2018, 214, 35-45.	3.2	20
4	The Cytotoxic Action of Cytochrome C/Cardiolipin Nanocomplex (Cyt-CL) on Cancer Cells in Culture. Pharmaceutical Research, 2017, 34, 1264-1275.	3.5	15
5	A New Chemiluminescent Method for Evaluation of the Functional Activity of Neutrophils in Patients with Type 2 Diabetes Mellitus. Bulletin of Experimental Biology and Medicine, 2016, 161, 320-322.	0.8	5
6	Quantitation of lipid hydroperoxides using enhanced chemiluminescence. Moscow University Chemistry Bulletin, 2016, 71, 87-96.	0.6	5
7	Kinetic Chemiluminescence as a Method for Oxidative Stress Evaluation in Examinations of Patients with Type 2 Diabetes Mellitus. Bulletin of Experimental Biology and Medicine, 2016, 161, 131-133.	0.8	5
8	Determination of lipids and their oxidation products by IR spectrometry. Journal of Analytical Chemistry, 2016, 71, 542-548.	0.9	6
9	Tissue chemiluminescence as a method of evaluation of superoxide radical producing ability of mitochondria. Bulletin of Russian State Medical University, 2016, , 49-55.	0.2	7
10	Serum albumin as a source of and a target for free radicals in pathology. Bulletin of Russian State Medical University, 2016, , 56-61.	0.2	9
11	Cytochrome c-cardiolipin complex in a nonpolar environment. Biochemistry (Moscow), 2015, 80, 1298-1302.	1.5	13
12	Cytochrome c Complexes with Cardiolipin Monolayer Formed under Different Surface Pressure. Langmuir, 2015, 31, 12426-12436.	3.5	20
13	Temperature-induced molecular transport through polymer multilayers coated with PNIPAM microgels. Physical Chemistry Chemical Physics, 2015, 17, 12771-12777.	2.8	25
14	Are the mitochondrial respiratory complexes blocked by NO the targets for the laser and LED therapy?. Lasers in Medical Science, 2015, 30, 173-180.	2.1	20
15	A mitochondrial pathway for biosynthesis of lipid mediators. Nature Chemistry, 2014, 6, 542-552.	13.6	130
16	Effects of low-level laser therapy on mitochondrial respiration and nitrosyl complex content. Lasers in Medical Science, 2014, 29, 1861-1866.	2.1	11
17	Effects of laser and LED radiation on mitochondrial respiration in experimental endotoxic shock. Lasers in Medical Science, 2013, 28, 785-790.	2.1	21
18	Molecular mechanisms of apoptosis. Structure of cytochrome c-cardiolipin complex. Biochemistry (Moscow), 2013, 78, 1086-1097.	1.5	39

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19	Wave Dynamics of Stratified Mediums with Variable Depth: Exact Solutions and Asymptotic Representations. <i>Procedia IUTAM</i> , 2013, 8, 229-237.	1.2	1
20	The effect of low power laser radiation of blue, green, and red ranges on free radical processes in blood of rats with experimental endotoxic shock. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2012, 6, 237-246.	0.4	2
21	Determination of antioxidants by sensitized chemiluminescence using 2,2'-azo-bis(2-amidinopropane). <i>Moscow University Chemistry Bulletin</i> , 2012, 67, 127-132.	0.6	26
22	Topography of tyrosine residues and their involvement in peroxidation of polyunsaturated cardiolipin in cytochrome c/cardiolipin peroxidase complexes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2147-2155.	2.6	64
23	Protein-lipid nanoparticles that determine whether cells will live or die. <i>Crystallography Reports</i> , 2011, 56, 553-559.	0.6	12
24	Determination of superoxide dismutase and SOD-mimetic activities by a chemical system: Co2/H2O2/lucigenin. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 381-386.	3.7	12
25	Ultrasensitive label-free photothermal imaging, spectral identification, and quantification of cytochrome c in mitochondria, live cells, and solutions. <i>Journal of Biophotonics</i> , 2010, 3, 791-806.	2.3	51
26	Crystallization monitoring by thermal-lens spectrometry. <i>Journal of Physics: Conference Series</i> , 2010, 214, 012126.	0.4	3
27	Evaluation of cytochrome c affinity to anionic phospholipids by means of surface plasmon resonance. <i>FEBS Letters</i> , 2009, 583, 97-100.	2.8	17
28	Dihydroquercetin (taxifolin) and other flavonoids as inhibitors of free radical formation at key stages of apoptosis. <i>Biochemistry (Moscow)</i> , 2009, 74, 301-307.	1.5	56
29	Free radicals and cell chemiluminescence. <i>Biochemistry (Moscow)</i> , 2009, 74, 1545-1566.	1.5	77
30	Lipoperoxide radical production during oxidation of cardiolipin in the complex with cytochrome c. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2009, 3, 467-477.	0.6	5
31	Production of reactive oxygen species by monocyte-derived macrophages from blood of healthy donors and patients with ischemic heart disease. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2009, 3, 64-70.	0.4	1
32	Antioxidant effects of dihydroquercetin and rutin in peroxidase reactions catalyzed by cytochrome c. <i>Moscow University Chemistry Bulletin</i> , 2008, 63, 297-302.	0.6	4
33	Thermal lens determination of cytochrome c and its NO complex. <i>Moscow University Chemistry Bulletin</i> , 2008, 63, 338-342.	0.6	4
34	Chemiluminescence (CL) of macrophages from IHD patients and healthy donors before and after incubation with LDL. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S241.	1.9	0
35	The Hierarchy of Structural Transitions Induced in Cytochrome c by Anionic Phospholipids Determines Its Peroxidase Activation and Selective Peroxidation during Apoptosis in Cells. <i>Biochemistry</i> , 2007, 46, 14232-14244.	2.5	110
36	Blue Laser Light Increases Perfusion of a Skin Flap Via Release of Nitric Oxide from Hemoglobin. <i>Molecular Medicine</i> , 2007, 13, 22-29.	4.4	71

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37	Biological activity of hemoprotein nitrosyl complexes. Biochemistry (Moscow), 2007, 72, 1491-1504.	1.5	27
38	A comparative spin trapping study of the interaction of hypobromous and hypochlorous acids with tert-butyl hydroperoxide. Biophysics (Russian Federation), 2007, 52, 1-7.	0.7	13
39	Lucigenin-enhanced chemiluminescence of animal tissues. Biophysics (Russian Federation), 2007, 52, 632-639.	0.7	5
40	Chemiluminescence as a method for detection and study of free radicals in biological systems. Bulletin of Experimental Biology and Medicine, 2007, 144, 390-396.	0.8	20
41	Creation of new physicochemical methods for blood analysis on the base of fluorescent probes. Bulletin of Experimental Biology and Medicine, 2007, 144, 416-420.	0.8	0
42	Peroxidase Activity and Structural Transitions of Cytochrome c Bound to Cardiolipin-Containing Membranes. Biochemistry, 2006, 45, 4998-5009.	2.5	346
43	Mechanism of activation of cytochrome c peroxidase activity by cardiolipin. Biochemistry (Moscow), 2006, 71, 989-997.	1.5	32
44	Cardiolipin activates cytochrome c peroxidase activity since it facilitates H <sub>2</sub> O <sub>2</sub> access to heme. Biochemistry (Moscow), 2006, 71, 998-1005.	1.5	47
45	Regulation of cytochrome c peroxidase activity by nitric oxide and laser irradiation. Biochemistry (Moscow), 2006, 71, 1128-1132.	1.5	15
46	A comparative study of the effects of laser and light-emitting diode radiation on superoxide dismutase activity and nitric oxide production in rat wound fluid. Biophysics (Russian Federation), 2006, 51, 94-98.	0.7	9
47	A comparative study of the effects of laser and LED radiation on lipid peroxidation in rat wound fluid. Biophysics (Russian Federation), 2006, 51, 285-291.	0.7	6
48	Combination of Iron Overload Plus Ethanol and Ischemia Alone Give Rise to the Same Endogenous Free Iron Pool. BioMetals, 2005, 18, 567-575.	4.1	16
49	Generation of Free Radicals during Decomposition of Hydroperoxide in the Presence of Myeloperoxidase or Activated Neutrophils. Biochemistry (Moscow), 2005, 70, 998-1004.	1.5	17
50	Changes in Superoxide Dismutase Activity and Peroxynitrite Content in Rat Peritoneal Macrophages Exposed to He-Ne Laser Radiation. Biochemistry (Moscow), 2005, 70, 1335-1340.	1.5	8
51	Photobiological Principles of Therapeutic Applications of Laser Radiation. Biochemistry (Moscow), 2004, 69, 81-90.	1.5	182
52	Binding of fatty acids facilitates oxidation of cysteine-34 and converts copper(II)-albumin complexes from antioxidants to prooxidants. Archives of Biochemistry and Biophysics, 2003, 413, 53-66.	3.0	89
53	Mechanism of therapeutic effect of low-intensity infrared laser radiation. Bulletin of Experimental Biology and Medicine, 2001, 131, 239-241.	0.8	26
54	NO(•)-hemoglobin may be a light-sensitive source of nitric oxide both in solution and in red blood cells. Journal of Photochemistry and Photobiology B: Biology, 2000, 59, 115-122.	3.8	37

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55	Quinolizin-Coumarins as Physical Enhancers of Chemiluminescence during Lipid Peroxidation in Live HL-60 Cells. Archives of Biochemistry and Biophysics, 2000, 384, 154-162.	3.0	15
56	Evidence for a direct interaction of superoxide anion radical with carnosine. IUBMB Life, 1997, 43, 99-106.	3.4	24
57	Two Processes Responsible for Chemiluminescence Development in the Course of Iron-Mediated Lipid Peroxidation. Luminescence, 1996, 11, 91-98.	0.0	9
58	The action of hypochlorous acid on phosphatidylcholine liposomes in dependence on the content of double bonds. Stoichiometry and NMR analysis. Chemistry and Physics of Lipids, 1995, 78, 55-64.	3.2	73
59	Chemiluminescence study of the contents of the products of Cu <sup>2+</sup> -induced lipid peroxidation in different fractions of human blood lipoproteins. Bulletin of Experimental Biology and Medicine, 1995, 119, 135-139.	0.8	0
60	Coumarin derivatives enhance the chemiluminescence accompanying lipid peroxidation. Free Radical Biology and Medicine, 1995, 18, 739-745.	2.9	30
61	Hypochlorite induces lipid peroxidation in blood lipoproteins and phospholipid liposomes. Free Radical Biology and Medicine, 1995, 19, 133-140.	2.9	54
62	Effect of ionenes on ion permeability of erythrocyte membranes. Bulletin of Experimental Biology and Medicine, 1994, 118, 725-727.	0.8	0
63	The Chemiluminescence Assay of Lipid Peroxidation Products in Human Blood Plasma Lipoproteins. Free Radical Research, 1994, 20, 279-288.	3.3	12
64	Peroxidation of human blood lipoproteins induced by exogenous hypochlorite or hypochlorite generated in the system of $\alpha$ -myeloperoxidase + H <sub>2</sub> O <sub>2</sub> + Cl <sup>-</sup> . Free Radical Biology and Medicine, 1994, 16, 143-148.	2.9	66
65	B3â€”Influence of serum proteins on the fenton reaction: Chemiluminescence evidence. Free Radical Biology and Medicine, 1994, 16, 11.	2.9	0
66	B9â€”Generation of hydroxyl radicals in the reaction of HOCl with Fe <sup>2+</sup> ions: The interaction of hemoglobin with hypochlorite. Free Radical Biology and Medicine, 1994, 16, 13.	2.9	0
67	B11â€”The role of free radical reactions in pathogenesis of cataract initiated by total gamma-irradiation. Free Radical Biology and Medicine, 1994, 16, 14.	2.9	0
68	B12â€”Oxidative modification of human blood lipoproteins due to hypochlorite, released by activated phagocytes: A possible mechanism of atherogenesis. Free Radical Biology and Medicine, 1994, 16, 14.	2.9	1
69	Fe <sup>2+</sup> -induced lipid peroxidation kinetics in liposomes: The role of surface Fe <sup>2+</sup> concentration in switching the reaction from acceleration to decay. Free Radical Biology and Medicine, 1993, 15, 239-247.	2.9	25
70	Simultaneous determination of Fe(III) and Fe(II) in water solutions and tissue homogenates using desferal and 1,10-phenanthroline. Free Radical Biology and Medicine, 1993, 15, 565-574.	2.9	74
71	Intracellular free iron in liver tissue and liver homogenate: Studies with electron paramagnetic resonance on the formation of paramagnetic complexes with desferal and nitric oxide. Free Radical Biology and Medicine, 1992, 13, 9-16.	2.9	97
72	Antiradical activity of copper(II) coumarin chelates. Bulletin of Experimental Biology and Medicine, 1992, 113, 641-644.	0.8	0

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73	Enhancement of chemiluminescence associated with lipid peroxidation by rhodamine dyes. Free Radical Biology and Medicine, 1992, 12, 43-52.	2.9	8
74	Free radical modification of lipoproteins and cholesterol accumulation in cells upon atherosclerosis. Free Radical Biology and Medicine, 1991, 10, 137-148.	2.9	83
75	Antiradical activity of coumarin rductones. Bulletin of Experimental Biology and Medicine, 1991, 112, 1560-1563.	0.8	0
76	Quenching of lens protein fluorescence in the early stages of hereditary cataract. Bulletin of Experimental Biology and Medicine, 1991, 111, 721-723.	0.8	0
77	Mechanism of hydrogen peroxide induced oxidation of oxyhemoglobin. Bulletin of Experimental Biology and Medicine, 1991, 112, 957-961.	0.8	5
78	Antiradical activity of 3-substituted coumarins and their effect on iron-dependent chemiluminescence. Bulletin of Experimental Biology and Medicine, 1991, 112, 1398-1401.	0.8	3
79	Effect of isoprenaline on aggregating and adhesive properties of circulating neutrophils in rats. Bulletin of Experimental Biology and Medicine, 1991, 112, 1417-1421.	0.8	0
80	Increased accessibility of mouse lens protein fluorophores during radiation cataract development. Bulletin of Experimental Biology and Medicine, 1991, 111, 465-467.	0.8	0
81	EFFECT OF LIPID PEROXIDATION ON BIOMEMBRANES AND BLOOD LIPOPROTEINS. , 1991, , 784-790.		0
82	Measurement of superoxide radicals formed by activated human neutrophils by accumulation of stable nitroxyl radicals, recorded by the EPR method. Bulletin of Experimental Biology and Medicine, 1990, 110, 886-888.	0.8	0
83	Changes in superoxide dismutase activity during stimulation of peripheral blood polymorphonuclear leukocytes. Bulletin of Experimental Biology and Medicine, 1990, 109, 433-436.	0.8	5
84	Causes of intensification of lipid peroxidation in the blood serum of patients with viral hepatitis B. Bulletin of Experimental Biology and Medicine, 1990, 110, 1247-1249.	0.8	0
85	Functional activity of blood polymorphs in rats with isoproterenol-induced cardiomyopathy. Bulletin of Experimental Biology and Medicine, 1990, 110, 1633-1636.	0.8	0
86	Selective sensitization of chemiluminescence resulted from lipid and oxygen radical reactions. Free Radical Biology and Medicine, 1989, 7, 237-242.	2.9	22
87	Free radical lipid oxidation affects cholesterol transfer between lipoproteins and erythrocytes. Free Radical Biology and Medicine, 1989, 7, 251-257.	2.9	21
88	Chemiluminescent reactions of phagocytes induced by electroporation. Bioelectrochemistry, 1989, 22, 37-44.	1.0	14
89	Chemiluminescent reactions of phagocytes induced by electroporation. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 276, 37-44.	0.1	0
90	Antioxidative action of anticataract remedies. Bulletin of Experimental Biology and Medicine, 1989, 108, 1711-1713.	0.8	0

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91	Functional heterogeneity of circulating polymorphonuclear leukocytes in acute myocardial infarction. Bulletin of Experimental Biology and Medicine, 1989, 108, 1717-1720.	0.8	0
92	Measurement of the content of Fe(III)-desferal complexes in the perfused rat liver by an EPR method. Bulletin of Experimental Biology and Medicine, 1989, 107, 662-665.	0.8	1
93	Red light of a helium-neon laser reactivates superoxide dismutase. Bulletin of Experimental Biology and Medicine, 1989, 107, 328-331.	0.8	6
94	Physicochemical and functional properties of peripheral blood lymphocytes in ischemic heart disease. Bulletin of Experimental Biology and Medicine, 1989, 107, 353-356.	0.8	0
95	Synchronous scanning study of fluorescence of the mouse lens at different stages of x-ray cataract. Bulletin of Experimental Biology and Medicine, 1989, 107, 386-388.	0.8	0
96	Neutrophil superoxide production measurement by means of stable nitroxide radical accumulation detected by ESR. Journal of Proteomics, 1989, 19, 275-280.	2.4	1
97	Lipid peroxidation promotes intracellular cholesterol accumulation in atherosclerosis. Bulletin of Experimental Biology and Medicine, 1988, 106, 1232-1236.	0.8	0
98	Time course of blood polymorph function in dogs with reversible myocardial ischemia. Bulletin of Experimental Biology and Medicine, 1988, 106, 1260-1263.	0.8	1
99	Correlation between changes in Na <sup>+</sup> /H <sup>+</sup> -exchange and cytoplasmic Ca concentration during platelet activation. Bulletin of Experimental Biology and Medicine, 1988, 106, 1263-1266.	0.8	0
100	Changes in potassium ion homeostasis in the lens of fraser mice with hereditary cataract (Line CatFr). Bulletin of Experimental Biology and Medicine, 1988, 106, 962-965.	0.8	0
101	Superoxide scavenging activity and transferrin-ceruloplasmin antioxidant system in rat serum during chronic emotional-painful stress and dimethyl sulfoxide treatment. Bulletin of Experimental Biology and Medicine, 1988, 106, 1097-1098.	0.8	1
102	Role of ceruloplasmin, transferrin, and lipid peroxidation in bacterial infections of the CNS. Bulletin of Experimental Biology and Medicine, 1988, 105, 796-798.	0.8	0
103	Initiation of lipid peroxidation in lysosomal membranes by activated blood polymorphonuclear leukocytes. Bulletin of Experimental Biology and Medicine, 1988, 105, 799-802.	0.8	2
104	Photoreactivation of superoxide dismutase by intensive red (laser) light. Free Radical Biology and Medicine, 1988, 5, 281-286.	2.9	28
105	Induction of lipid peroxidation by the lens. Bulletin of Experimental Biology and Medicine, 1987, 103, 43-45.	0.8	4
106	Effect of phenothiazines on viscosity and electrical stability of model phospholipid membranes. Bulletin of Experimental Biology and Medicine, 1987, 103, 628-630.	0.8	0
107	Ceruloplasmin-transferrin antioxidant system of rats during hyperbaric oxygenation. Bulletin of Experimental Biology and Medicine, 1987, 104, 1200-1202.	0.8	1
108	Role of free Fe <sup>++</sup> in lipid peroxidation during ischemia and reoxygenation of the liver. Bulletin of Experimental Biology and Medicine, 1987, 104, 1069-1071.	0.8	6



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109	Lipid peroxidation and high blood enzyme levels in bacterial diseases of the CNS. Bulletin of Experimental Biology and Medicine, 1987, 103, 760-763.	0.8	0
110	Chemiluminescence of peritoneal exudate macrophages induced by exposure to an electric field. Bulletin of Experimental Biology and Medicine, 1987, 103, 512-514.	0.8	3
111	Peroxidation damage to the lens as a possible cause of traumatic cataract. Bulletin of Experimental Biology and Medicine, 1986, 101, 432-434.	0.8	4
112	Decomposition of H <sub>2</sub> O <sub>2</sub> by human lenses affected by cataract. Bulletin of Experimental Biology and Medicine, 1986, 102, 1048-1051.	0.8	4
113	Action of laser radiation on peroxide chemiluminescence of wound exudate. Bulletin of Experimental Biology and Medicine, 1986, 102, 1369-1372.	0.8	0
114	Oxygen consumption by peritoneal macrophages measured by electron paramagnetic resonance. Bulletin of Experimental Biology and Medicine, 1985, 99, 464-466.	0.8	0
115	Electrical stability of mitochondrial membranes: Role of thyroid hormones and the dietary fat component. Bulletin of Experimental Biology and Medicine, 1985, 99, 171-173.	0.8	0
116	Structural and functional properties of platelets in ischemic heart disease. Bulletin of Experimental Biology and Medicine, 1984, 97, 18-20.	0.8	1
117	Changes in some lipid peroxidation parameters of albino rat liver mitochondria during anoxic injury simulated in vitro. Bulletin of Experimental Biology and Medicine, 1984, 98, 1492-1495.	0.8	0
118	Changes in platelet structure and function in experimental atherosclerosis. Bulletin of Experimental Biology and Medicine, 1984, 97, 165-168.	0.8	0
119	Transmembrane potential of rat liver mitochondria in hypothyroidism. Bulletin of Experimental Biology and Medicine, 1984, 97, 188-190.	0.8	2
120	PUVA-induced erythema and changes in mechano-electrical properties of skin. Inhibition by tocopherols. Archives of Dermatological Research, 1984, 276, 12-16.	1.9	269
121	Thyroid hormones and phospholipase activity of rat liver mitochondria. Bulletin of Experimental Biology and Medicine, 1983, 96, 1702-1704.	0.8	2
122	Phospholipid hydrolysis and Fe <sup>+++</sup> -induced chemiluminescence of rat liver mitochondria during survival in situ. Bulletin of Experimental Biology and Medicine, 1983, 96, 1796-1800.	0.8	0
123	Measurement of chemiluminescence of blood serum components in the presence of Fe <sup>++</sup> ions. Bulletin of Experimental Biology and Medicine, 1983, 95, 238-240.	0.8	2
124	Membrane fluorescent probes for revealing lymphocyte population heterogeneity. II. T- and B-lymphocytes of human peripheral blood. Journal of Immunological Methods, 1982, 49, 179-183.	1.4	3
125	A fluorescence study of apolipoprotein localization in relation to lipids in serum low density lipoproteins. Lipids and Lipid Metabolism, 1982, 710, 172-180.	2.6	36
126	Differences between leukocyte membranes detectable by a fluorescent probe in chronic leukemias. Bulletin of Experimental Biology and Medicine, 1982, 93, 424-426.	0.8	1



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127	Chemiluminescence of apo-B-containing lipoproteins in rabbits with experimental hypercholesteremia. Bulletin of Experimental Biology and Medicine, 1982, 93, 511-513.	0.8	3
128	Microviscosity of subfractions of high-density lipoproteins of human blood. Bulletin of Experimental Biology and Medicine, 1982, 93, 262-264.	0.8	0
129	Activation of lipid peroxidation in liver mitochondria of hyperthyroid rabbits. Bulletin of Experimental Biology and Medicine, 1982, 93, 269-272.	0.8	25
130	Increase in breakdown potential of liposomes formed from liver mitochondrial lipids of hypothyroid rabbits. Bulletin of Experimental Biology and Medicine, 1982, 93, 272-274.	0.8	0
131	Inhibition of lipid peroxidation in mitochondria isolated from the liver of hypothyroid rabbits. Bulletin of Experimental Biology and Medicine, 1982, 93, 275-277.	0.8	5
132	Hyperthyroidism and the transmembrane potential of rat liver mitochondria. Bulletin of Experimental Biology and Medicine, 1982, 94, 1652-1655.	0.8	0
133	Membrane fluorescent probes for the demonstration of lymphocyte population heterogeneity. I. T and B lymphocytes of mice and rats. Journal of Immunological Methods, 1981, 45, 227-237.	1.4	9
134	Increased electrical stability of hepatic mitochondrial lipid membranes in hyperthyroidism. Bulletin of Experimental Biology and Medicine, 1981, 92, 1364-1367.	0.8	0
135	Activation of liver mitochondrial phospholipase in hyperthyroid rabbits. Bulletin of Experimental Biology and Medicine, 1981, 91, 142-144.	0.8	0
136	Fluorescent probe assay of blood plasma lipoproteins. Bulletin of Experimental Biology and Medicine, 1981, 91, 248-250.	0.8	0
137	Comparison of biological activity of ischemic toxin and its effect on chemiluminescence of blood plasma. Bulletin of Experimental Biology and Medicine, 1981, 92, 876-879.	0.8	0
138	Changes in spatial organization in sarcoplasmic reticulum membranes in rabbits with experimental thyrotoxicosis. Bulletin of Experimental Biology and Medicine, 1981, 91, 348-350.	0.8	0
139	Effect of hyperalphalipoproteinemia on structural characteristics of plasma lipoproteins as revealed by EPR spin probes. Bulletin of Experimental Biology and Medicine, 1980, 90, 1691-1693.	0.8	0
140	Induction by thyroxine of structural changes in sarcoplasmic reticulum membranes of rabbit skeletal muscles. Bulletin of Experimental Biology and Medicine, 1980, 89, 425-429.	0.8	0
141	Action of thyroxine on functions of the sarcoplasmic reticulum of rabbit skeletal muscles. Bulletin of Experimental Biology and Medicine, 1980, 89, 586-588.	0.8	1
142	Lipid Peroxidation in Mitochondrial Membrane. Advances in Lipid Research, 1980, 17, 173-249.	1.8	303
143	A fluorescent probe to indicate differences between blood T and B lymphocytes. Bulletin of Experimental Biology and Medicine, 1979, 87, 63-65.	0.8	0
144	Electric breakdown of bilayer phospholipid membranes under ultraviolet irradiation-induced lipid peroxidation. FEBS Letters, 1979, 106, 53-55.	2.8	16

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145	The increase of phospholipid bilayer rigidity after lipid peroxidation. FEBS Letters, 1977, 84, 125-128.	2.8	259
146	Two possible mechanisms of action of thyroxine on swelling of mitochondria. Bulletin of Experimental Biology and Medicine, 1977, 83, 806-809.	0.8	0
147	Action of antioxidants and chelating agents on thyroxine-induced swelling of mitochondria. Bulletin of Experimental Biology and Medicine, 1977, 84, 1422-1424.	0.8	2
148	STUDY OF THE EFFECTS OF ULTRAVIOLET LIGHT ON BIOMEMBRANESâ€”IV. THE EFFECT OF OXYGEN ON UV-INDUCED HEMOLYSIS AND LIPID PHOTOPEROXIDATION IN RAT ERYTHROCYTES AND LIPOSOMES. Photochemistry and Photobiology, 1975, 21, 63-69.	2.5	48
149	Dynamics of Ca <sup>++</sup> transport in rat liver mitochondria in anoxia. Bulletin of Experimental Biology and Medicine, 1975, 80, 1435-1437.	0.8	0
150	Antioxidant action of steroid hormones on the peroxidation of mitochondrial membrane lipids in vivo and in vitro. Bulletin of Experimental Biology and Medicine, 1974, 78, 1274-1276.	0.8	4
151	PHOTOCHEMICAL REACTIONS IN AMINO ACID RESIDUES AND INACTIVATION OF ENZYMES DURING U.V.â€”RADIATION. A REVIEW. Photochemistry and Photobiology, 1970, 11, 227-246.	2.5	160
152	ON THE SUMMATION OF QUANTA FOR THE PHOTOIONIZATION OF TYROSINE AND TRYPTOPHAN IN ALKALINE SOLUTIONS AT 80Â°K. Photochemistry and Photobiology, 1968, 8, 209-212.	2.5	13
153	PRIMARY STEPS OF PHOTOCHEMICAL REACTIONS IN PROTEINS AND AROMATIC AMINOâ€”ACIDS: A REVIEW*. Photochemistry and Photobiology, 1965, 4, 369-384.	2.5	18