

Dov Lichtenberg

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,859
citations

361413

20
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Detergent-resistant membranes should not be identified with membrane rafts. Trends in Biochemical Sciences, 2005, 30, 430-436.	7.5	446
2	Liposomes: Preparation, Characterization, and Preservation. Methods of Biochemical Analysis, 2006, 33, 337-462.	0.2	196
3	The Mechanism of Detergent Solubilization of Lipid Bilayers. Biophysical Journal, 2013, 105, 289-299.	0.5	182
4	Phase boundaries in mixtures of membrane-forming amphiphiles and micelle-forming amphiphiles. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1508, 1-19.	2.6	129
5	Detergent solubilization of lipid bilayers: a balance of driving forces. Trends in Biochemical Sciences, 2013, 38, 85-93.	7.5	116
6	Peroxidation of liposomal lipids. European Biophysics Journal, 2007, 36, 499-515.	2.2	115
7	The mechanism of action of antioxidants against lipoprotein peroxidation, evaluation based on kinetic experiments. Progress in Lipid Research, 2002, 41, 279-314.	11.6	93
8	The molecular mechanisms of the anti-amyloid effects of phenols. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2007, 14, 73-87.	3.0	66
9	Polyphenol-induced dissociation of various amyloid fibrils results in a methionine-independent formation of ROS. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1570-1577.	2.3	57
10	Oxidative stress, the term and the concept. Biochemical and Biophysical Research Communications, 2015, 461, 441-444.	2.1	55
11	Gender- and age-dependencies of oxidative stress, as detected based on the steady state concentrations of different biomarkers in the MARK-AGE study. Redox Biology, 2019, 24, 101204.	9.0	41
12	The relationship between oxidative stress and exercise. Journal of Basic and Clinical Physiology and Pharmacology, 2014, 25, 1-11.	1.3	37
13	Analysis of the kinetics of lipid peroxidation in terms of characteristic time-points. Chemistry and Physics of Lipids, 2014, 178, 63-76.	3.2	37
14	No evidence supports vitamin E indiscriminate supplementation. BioFactors, 2009, 35, 469-473.	5.4	35
15	Direct visualization of lipid aggregates in native human bile by light- and cryo-transmission electron-microscopy. FEBS Letters, 1994, 340, 78-82.	2.8	34
16	Continuous Monitoring of Intermediates and Final Products of Oxidation of Low Density Lipoprotein by Means of UV-Spectroscopy. Free Radical Research, 1996, 24, 351-360.	3.3	34
17	A New Fluorescence Method for the Continuous Determination of Surface Lipid Oxidation in Lipoproteins and Plasma. Free Radical Research, 1995, 23, 317-327.	3.3	23
18	Reduction of Sperm Cholesterol:Phospholipid Ratio is a Possible Mechanism for Enhancement of Human Sperm Binding to the Zona Pellucida Following Incubation with Phosphatidylcholine Liposomes. Biology of Reproduction, 1997, 57, 539-546.	2.7	23

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19	Imaging supramolecular aggregates in bile models and human bile. <i>Microscopy Research and Technique</i> , 1997, 39, 85-96.	2.2	23
20	Copper-induced LDL peroxidation: interrelated dependencies of the kinetics on the concentrations of copper, hydroperoxides and tocopherol. <i>FEBS Letters</i> , 1999, 450, 186-190.	2.8	23
21	Apolipoprotein B exhibits phospholipase A1 and phospholipase A2 activities. <i>FEBS Letters</i> , 1993, 315, 267-270.	2.8	19
22	Oxidation of Low Density Lipoprotein Upon Sequential Exposure to Copper Ions. <i>Free Radical Research</i> , 1995, 23, 137-149.	3.3	15
23	Bile and plasma lipid composition in non-obese normolipidemic subjects with and without cholesterol gallstones. <i>Liver</i> , 1993, 13, 246-252.	0.1	13
24	Oxidative stress, as assayed by a single test, cannot be used as a diagnostic tool. <i>BioFactors</i> , 2018, 44, 222-223.	5.4	9
25	The dose-dependent effect of copper-chelating agents on the kinetics of peroxidation of low-density lipoprotein (LDL). <i>Free Radical Research</i> , 2001, 34, 349-362.	3.3	8
26	Biosynthesis of medium-chain triacylglycerols and phospholipids by HepG-2 cells. <i>Lipids</i> , 1997, 32, 489-495.	1.7	7
27	The effect of compartmentalization on the kinetics of transition metal ions-induced lipoprotein peroxidation. <i>Chemistry and Physics of Lipids</i> , 2016, 195, 39-46.	3.2	5
28	Oxygen Availability as a Possible Limiting Factor in LDL Oxidation. <i>Free Radical Research</i> , 2002, 36, 1109-1114.	3.3	4
29	Lipid Peroxidation in the Presence of Albumin, Inhibitory and Prooxidative Effects. <i>Free Radical Research</i> , 2004, 38, 1173-1181.	3.3	4
30	Do low molecular weight antioxidants contribute to the Protection against oxidative damage? The interrelation between oxidative stress and low molecular weight antioxidants based on data from the MARK-AGE study. <i>Archives of Biochemistry and Biophysics</i> , 2021, 713, 109061.	3.0	4
31	In Healthy Young Men, a Short Exhaustive Exercise Alters the Oxidative Stress Only Slightly, Independent of the Actual Fitness. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	4.0	3
32	Deuterium kinetic isotope effect (DKIE) in copper-induced LDL peroxidation: Interrelated effects of on inhibition and propagation. <i>Chemistry and Physics of Lipids</i> , 2017, 205, 42-47.	3.2	2
33	Serum lipid oxidizibility in term premature rupture of the membranes. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2007, 131, 28-31.	1.1	1
34	A novel approach to assess the impact of changes in admission criteria. <i>Medical Teacher</i> , 2013, 35, 81-81.	1.8	0