

Barbara Tavazzi

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,830
citations

53660

45
h-index

64668

79
g-index

133
all docs

133
docs citations

133
times ranked

7716
citing authors

#	ARTICLE	IF	CITATIONS
1	The Crosstalk between GPR81/IGFBP6 Promotes Breast Cancer Progression by Modulating Lactate Metabolism and Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 275.	2.2	23
2	Extracellular tau oligomers affect extracellular glutamate handling by astrocytes through downregulation of GLT α 1 expression and impairment of NKA1A2 function. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	7
3	Pyruvate dehydrogenase complex, metabolic enzymes, and energy derangement in traumatic brain injury. , 2022, , 207-218.		0
4	A phase II open label clinical study of the safety, tolerability and efficacy of ILB $\hat{\alpha}$ ® for Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2022, 17, e0267183.	1.1	7
5	Biochemical Discrimination of the Down Syndrome-Related Metabolic and Oxidative/Nitrosative Stress Alterations from the Physiologic Age-Related Changes through the Targeted Metabolomic Analysis of Serum. <i>Antioxidants</i> , 2022, 11, 1208.	2.2	1
6	Ca ²⁺ -dependent release of ATP from astrocytes affects herpes simplex virus type 1 infection of neurons. <i>Glia</i> , 2021, 69, 201-215.	2.5	11
7	Analytical Monitoring of Brain Metabolism: Not a Research Tool for Elite Academy but An Essential Issue for Return to Play Following Concussion. , 2021, , 193-220.		0
8	Antioxidant-Based Therapies in Male Infertility: Do We Have Sufficient Evidence Supporting Their Effectiveness?. <i>Antioxidants</i> , 2021, 10, 220.	2.2	12
9	Lung Surfactant Decreases Biochemical Alterations and Oxidative Stress Induced by a Sub-Toxic Concentration of Carbon Nanoparticles in Alveolar Epithelial and Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2694.	1.8	3
10	Clobetasol promotes neuromuscular plasticity in mice after motoneuronal loss via sonic hedgehog signaling, immunomodulation and metabolic rebalancing. <i>Cell Death and Disease</i> , 2021, 12, 625.	2.7	16
11	ILB $\hat{\alpha}$ ® Attenuates Clinical Symptoms and Serum Biomarkers of Oxidative/Nitrosative Stress and Mitochondrial Dysfunction in Patients with Amyotrophic Lateral Sclerosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 794.	1.1	7
12	Altered Follicular Fluid Metabolic Pattern Correlates with Female Infertility and Outcome Measures of In Vitro Fertilization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8735.	1.8	14
13	Metabolic Reprogramming by Malat1 Depletion in Prostate Cancer. <i>Cancers</i> , 2021, 13, 15.	1.7	20
14	Aconitase 2 inhibits the proliferation of MCF-7 cells promoting mitochondrial oxidative metabolism and ROS/FoxO1-mediated autophagic response. <i>British Journal of Cancer</i> , 2020, 122, 182-193.	2.9	41
15	Low Molecular Weight Dextran Sulfate (ILB $\hat{\alpha}$ ®) Administration Restores Brain Energy Metabolism Following Severe Traumatic Brain Injury in the Rat. <i>Antioxidants</i> , 2020, 9, 850.	2.2	9
16	Mitochondrial Functions, Energy Metabolism and Protein Glycosylation are Interconnected Processes Mediating Resistance to Bortezomib in Multiple Myeloma Cells. <i>Biomolecules</i> , 2020, 10, 696.	1.8	39
17	Modulation of Pro-Oxidant and Pro-Inflammatory Activities of M1 Macrophages by the Natural Dipeptide Carnosine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 776.	1.8	77
18	Antioxidant Therapies in Traumatic Brain Injury. <i>Antioxidants</i> , 2020, 9, 260.	2.2	65

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19	Carnosine Decreases PMA-Induced Oxidative Stress and Inflammation in Murine Macrophages. <i>Antioxidants</i> , 2019, 8, 281.	2.2	56
20	Biochemical and nutritional characteristics of buffalo meat and potential implications on human health for a personalized nutrition. <i>Italian Journal of Food Safety</i> , 2019, 8, 8317.	0.5	22
21	Broadening phenotype of adenylosuccinate lyase deficiency: A novel clinical pattern resembling neuronal ceroid lipofuscinosis. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 21, 100502.	0.4	3
22	Fructose-1,6-Bisphosphate Protects Hippocampal Rat Slices from NMDA Excitotoxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2239.	1.8	6
23	Water- and Fat-Soluble Antioxidants in Human Seminal Plasma and Serum of Fertile Males. <i>Antioxidants</i> , 2019, 8, 96.	2.2	43
24	The Pathophysiology of Concussive Brain Injury. , 2019, , 138-152.		2
25	Pyruvate Dehydrogenase and Tricarboxylic Acid Cycle Enzymes Are Sensitive Targets of Traumatic Brain Injury Induced Metabolic Derangement. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5774.	1.8	35
26	Non-toxic engineered carbon nanodiamond concentrations induce oxidative/nitrosative stress, imbalance of energy metabolism, and mitochondrial dysfunction in microglial and alveolar basal epithelial cells. <i>Cell Death and Disease</i> , 2018, 9, 245.	2.7	61
27	Low-molecular weight compounds in human seminal plasma as potential biomarkers of male infertility. <i>Human Reproduction</i> , 2018, 33, 1817-1828.	0.4	36
28	Reduced gliotransmitter release from astrocytes mediates tau-induced synaptic dysfunction in cultured hippocampal neurons. <i>Glia</i> , 2017, 65, 1302-1316.	2.5	82
29	Fusion or Fission: The Destiny of Mitochondria In Traumatic Brain Injury of Different Severities. <i>Scientific Reports</i> , 2017, 7, 9189.	1.6	65
30	Single-step preparation of selected biological fluids for the high performance liquid chromatographic analysis of fat-soluble vitamins and antioxidants. <i>Journal of Chromatography A</i> , 2017, 1527, 43-52.	1.8	25
31	Serum Compounds of Energy Metabolism Impairment Are Related to Disability, Disease Course and Neuroimaging in Multiple Sclerosis. <i>Molecular Neurobiology</i> , 2017, 54, 7520-7533.	1.9	47
32	Severity of experimental traumatic brain injury modulates changes in concentrations of cerebral free amino acids. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 530-542.	1.6	70
33	Evaluation of the effect of a floxed Neo cassette within the dystroglycan (Dag1) gene. <i>BMC Research Notes</i> , 2017, 10, 601.	0.6	2
34	Metabolic, enzymatic and gene involvement in cerebral glucose dysmetabolism after traumatic brain injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 679-687.	1.8	47
35	Visual pathway neurodegeneration winged by mitochondrial dysfunction. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 140-150.	1.7	13
36	Physical Exercise and Redox Balance in Type 2 Diabetics: Effects of Moderate Training on Biomarkers of Oxidative Stress and DNA Damage Evaluated through Comet Assay. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7.	1.9	49

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37	Body Temperature and Plasma Nitric Oxide Metabolites in Response to Standardized Exercise Test in the Athletic Horse. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 709-713.	0.4	6
38	The Molecular Mechanisms Affecting N-Acetylaspartate Homeostasis Following Experimental Graded Traumatic Brain Injury. <i>Molecular Medicine</i> , 2014, 20, 147-157.	1.9	34
39	Report of Two Never Treated Adult Sisters with Aromatic L-Amino Acid Decarboxylase Deficiency: A Portrait of the Natural History of the Disease or an Expanding Phenotype?. <i>JIMD Reports</i> , 2014, 15, 39-45.	0.7	29
40	Serum lactate as a novel potential biomarker in multiple sclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1137-1143.	1.8	77
41	3-Nitropropionic Acid-Induced Ischemia Tolerance in the Rat Brain is Mediated by Reduced Metabolic Activity and Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1522-1530.	2.4	23
42	Neuroglobin expression and oxidant/antioxidant balance after graded traumatic brain injury in the rat. <i>Free Radical Biology and Medicine</i> , 2014, 69, 258-264.	1.3	70
43	The Relevance of Assessing Cerebral Metabolic Recovery for a Safe Return to Play Following Concussion. , 2014, , 89-112.		3
44	Reply to: Comments on "Glucose ameliorates the metabolic profile and mitochondrial function of platelet concentrates during storage in autologous plasma". <i>Blood Transfusion</i> , 2014, 12, 134-5.	0.3	0
45	Potentially neuroprotective gene modulation in an in vitro model of mild traumatic brain injury. <i>Molecular and Cellular Biochemistry</i> , 2013, 375, 185-198.	1.4	52
46	New T530C mutation in the aspartoacylase gene caused Canavan disease with no correlation between severity and N-acetylaspartate excretion. <i>Clinical Biochemistry</i> , 2013, 46, 1902-1904.	0.8	7
47	Exercise-induced oxidative stress in elderly subjects: the effect of red orange supplementation on the biochemical and cellular response to a single bout of intense physical activity. <i>Free Radical Research</i> , 2013, 47, 202-211.	1.5	25
48	Decrease in N-Acetylaspartate Following Concussion May Be Coupled to Decrease in Creatine. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 284-292.	1.0	72
49	Glucose ameliorates the metabolic profile and mitochondrial function of platelet concentrates during storage in autologous plasma. <i>Blood Transfusion</i> , 2013, 11, 61-70.	0.3	12
50	Cobalt-Protoporphyrin Improves Heart Function by Blunting Oxidative Stress and Restoring NO Synthase Equilibrium in an Animal Model of Experimental Diabetes. <i>Frontiers in Physiology</i> , 2012, 3, 160.	1.3	29
51	Metabolic profile of amniotic fluid as a biochemical tool to screen for inborn errors of metabolism and fetal anomalies. <i>Molecular and Cellular Biochemistry</i> , 2012, 359, 205-216.	1.4	21
52	The Pathophysiology of Concussion. <i>PM and R</i> , 2011, 3, S359-68.	0.9	111
53	HPLC Analysis for the Clinical Biochemical Diagnosis of Inborn Errors of Metabolism of Purines and Pyrimidines. <i>Methods in Molecular Biology</i> , 2011, 708, 99-117.	0.4	2
54	Chromosomal 17p13.3 microdeletion unmasking recessive Canavan disease mutation. <i>Molecular Genetics and Metabolism</i> , 2011, 104, 706-707.	0.5	3

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55	Serum Metabolic Profile in Multiple Sclerosis Patients. <i>Multiple Sclerosis International</i> , 2011, 2011, 1-8.	0.4	62
56	Brain energy depletion in a rodent model of diffuse traumatic brain injury is not prevented with administration of sodium lactate. <i>Brain Research</i> , 2011, 1404, 39-49.	1.1	23
57	Modulation of circulating purines and pyrimidines by physical exercise in the horse. <i>European Journal of Applied Physiology</i> , 2011, 111, 549-556.	1.2	5
58	Transient alterations of creatine, creatine phosphate, N-acetylaspartate and high-energy phosphates after mild traumatic brain injury in the rat. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 269-277.	1.4	72
59	Cerebrospinal fluid ATP metabolites in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 549-554.	1.4	46
60	Assessment of metabolic brain damage and recovery following mild traumatic brain injury: a multicentre, proton magnetic resonance spectroscopic study in concussed patients. <i>Brain</i> , 2010, 133, 3232-3242.	3.7	358
61	Biochemical and neurochemical sequelae following mild traumatic brain injury: summary of experimental data and clinical implications. <i>Neurosurgical Focus</i> , 2010, 29, E1.	1.0	89
62	Early Onset Methylmalonic Aciduria and Homocystinuria cblC Type With Demyelinating Neuropathy. <i>Pediatric Neurology</i> , 2010, 43, 135-138.	1.0	24
63	Transcriptomics of Traumatic Brain Injury: Gene Expression and Molecular Pathways of Different Grades of Insult in a Rat Organotypic Hippocampal Culture Model. <i>Journal of Neurotrauma</i> , 2010, 27, 349-359.	1.7	51
64	Concussion occurrence and knowledge in italian football (soccer). <i>Journal of Sports Science and Medicine</i> , 2010, 9, 418-30.	0.7	40
65	Increase of uric acid and purine compounds in biological fluids of multiple sclerosis patients. <i>Clinical Biochemistry</i> , 2009, 42, 1001-1006.	0.8	103
66	Anorexia and Plasma Levels of Free Tryptophan, Branched Chain Amino Acids, and Ghrelin in Hemodialysis Patients. , 2009, 19, 248-255.		24
67	Hypouricemia linked to an overproduction of nitric oxide is an early marker of oxidative stress in female subjects with type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 318-323.	1.7	27
68	New glycosidic derivatives of histidine-containing dipeptides with antioxidant properties and resistant to carnosinase activity. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 373-380.	2.6	41
69	A new T677C mutation of the aspartoacylase gene encodes for a protein with no enzymatic activity. <i>Clinical Biochemistry</i> , 2008, 41, 611-615.	0.8	5
70	Inhibiting Metalloproteases with PD 166793 in Heart Failure: Impact on Cardiac Remodeling and Beyond. <i>Cardiovascular Drug Reviews</i> , 2008, 26, 24-37.	4.4	19
71	Is adenine phosphorybosyltransferase deficiency a still underdiagnosed cause of urolithiasis and chronic renal failure? A report of two cases in a family with an uncommon novel mutation. <i>CKJ: Clinical Kidney Journal</i> , 2008, 1, 292-295.	1.4	2
72	High-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injury. <i>Circulation</i> , 2008, 117, 1810-1819.	1.6	104

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73	Response to Letter Regarding Article, "High-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injury" Circulation, 2008, 118, .	1.6	0
74	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSION. Neurosurgery, 2008, 62, 1286-1296.	0.6	219
75	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSION. Neurosurgery, 2008, 62, 1286-1296.	0.6	268
76	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. Neurosurgery, 2007, 61, 390-396.	0.6	247
77	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. Neurosurgery, 2007, 61, 379-389.	0.6	308
78	Synthesis and antioxidant activity of new homocarnosine β -cyclodextrin conjugates. European Journal of Medicinal Chemistry, 2007, 42, 910-920.	2.6	23
79	Clinical, biochemical and molecular diagnosis of a compound homozygote for the 254bp deletion/8bp insertion of the APRT gene suffering from severe renal failure. Clinical Biochemistry, 2007, 40, 73-80.	0.8	7
80	Comparison of nitrite/nitrate concentration in human plasma and serum samples measured by the enzymatic batch Griess assay, ion-pairing HPLC and ion-trap GC-MS: The importance of a correct removal of proteins in the Griess assay. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 851, 257-267.	1.2	101
81	Extracellular N-acetylaspartate depletion in traumatic brain injury. Journal of Neurochemistry, 2006, 96, 861-869.	2.1	49
82	Metalloproteinase Inhibitor Counters High-Energy Phosphate Depletion and AMP Deaminase Activity Enhancing Ventricular Diastolic Compliance in Subacute Heart Failure. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 506-513.	1.3	30
83	Hypothesis of the Postconcussive Vulnerable Brain: Experimental Evidence of Its Metabolic Occurrence. Neurosurgery, 2005, 57, 164-171.	0.6	100
84	Cerebral Oxidative Stress and Depression of Energy Metabolism Correlate with Severity of Diffuse Brain Injury in Rats. Neurosurgery, 2005, 56, 582-589.	0.6	131
85	Biochemical analysis of the cerebrospinal fluid: evidence for catastrophic energy failure and oxidative damage preceding brain death in severe head injury: a case report. Clinical Biochemistry, 2005, 38, 97-100.	0.8	66
86	Simultaneous high performance liquid chromatographic separation of purines, pyrimidines, N-acetylated amino acids, and dicarboxylic acids for the chemical diagnosis of inborn errors of metabolism. Clinical Biochemistry, 2005, 38, 997-1008.	0.8	98
87	Oxidant stress from nitric oxide synthase uncoupling stimulates cardiac pathologic remodeling from chronic pressure load. Journal of Clinical Investigation, 2005, 115, 1221-1231.	3.9	387
88	The Protective Effect of Cyclosporin A upon N-Acetylaspartate and Mitochondrial Dysfunction following Experimental Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2004, 21, 1154-1167.	1.7	71
89	Differentiation of human melanoma cells induced by cyanidin-O- β -D-glucopyranoside. FASEB Journal, 2004, 18, 1940-1942.	0.2	48
90	Cyanidins: metabolism and biological properties. Journal of Nutritional Biochemistry, 2004, 15, 2-11.	1.9	272

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91	Single-sample preparation for simultaneous cellular redox and energy state determination. <i>Analytical Biochemistry</i> , 2003, 322, 51-59.	1.1	96
92	Cyanidin-3-O- β -glucopyranoside Protects Myocardium and Erythrocytes from Oxygen Radical-mediated Damages. <i>Free Radical Research</i> , 2003, 37, 453-460.	1.5	69
93	Activity and mechanism of the antioxidant properties of cyanidin-3-O- β -glucopyranoside. <i>Free Radical Research</i> , 2001, 35, 953-966.	1.5	55
94	The potency of acyclovir can be markedly different in different cell types. <i>Life Sciences</i> , 2001, 69, 1285-1290.	2.0	11
95	N-Acetylaspartate Reduction as a Measure of Injury Severity and Mitochondrial Dysfunction Following Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2001, 18, 977-991.	1.7	201
96	Myocardial metabolism of exogenous FDP is consistent with transport by a dicarboxylate transporter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H2654-H2660.	1.5	22
97	Early Onset of Lipid Peroxidation after Human Traumatic Brain Injury: A Fatal Limitation for the Free Radical Scavenger Pharmacological Therapy?. <i>Journal of Investigative Medicine</i> , 2001, 49, 450-458.	0.7	50
98	Oxidative Stress Induces Impairment of Human Erythrocyte Energy Metabolism through the Oxygen Radical-mediated Direct Activation of AMP-deaminase. <i>Journal of Biological Chemistry</i> , 2001, 276, 48083-48092.	1.6	64
99	Ion-Pairing High-Performance Liquid Chromatographic Method for the Detection of N-Acetylaspartate and N-Acetylglutamate in Cerebral Tissue Extracts. <i>Analytical Biochemistry</i> , 2000, 277, 104-108.	1.1	27
100	Determination of Boronophenylalanine in Biological Samples Using Precolumn o-Phthalaldehyde Derivatization and Reversed-Phase High-Performance Liquid Chromatography. <i>Analytical Biochemistry</i> , 2000, 284, 301-306.	1.1	10
101	Energy metabolism and lipid peroxidation of human erythrocytes as a function of increased oxidative stress. <i>FEBS Journal</i> , 2000, 267, 684-689.	0.2	146
102	Direct NAD(P)H hydrolysis into ADP-ribose(P) and nicotinamide induced by reactive oxygen species: A new mechanism of oxygen radical toxicity. <i>Free Radical Research</i> , 2000, 33, 1-12.	1.5	14
103	Changes of Cerebral Energy Metabolism and Lipid Peroxidation in Rats Leading to Mitochondrial Dysfunction After Diffuse Brain Injury. <i>Journal of Neurotrauma</i> , 1999, 16, 903-913.	1.7	114
104	Differential effects of acute morphine administrations on polymorphonuclear cell metabolism in various mouse strains. <i>Life Sciences</i> , 1998, 63, 2167-2174.	2.0	15
105	Lipid Peroxidation, Tissue Necrosis, and Metabolic and Mechanical Recovery of Isolated Reperfused Rat Heart as a Function of Increasing Ischemia. <i>Free Radical Research</i> , 1998, 28, 25-37.	1.5	27
106	Selected Nucleotide Sequence of the pol Gene of the Monocytotropic Strain HIV Type 1 BaL. <i>AIDS Research and Human Retroviruses</i> , 1997, 13, 629-632.	0.5	15
107	Separation of Representative Lipid Compounds of Biological Membranes and Lipid Derivatives from Peroxidized Polyunsaturated Fatty Acids by Reversed Phase High-Performance Liquid Chromatography. <i>Free Radical Research</i> , 1997, 26, 307-317.	1.5	2
108	Red blood cells mediated delivery of 9-(2-phosphonylmethoxyethyl)adenine to primary macrophages: efficiency, metabolism and activity against human immunodeficiency virus or herpes simplex virus. <i>Antiviral Research</i> , 1997, 33, 153-164.	1.9	16

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109	Effects of increasing times of incomplete cerebral ischemia upon the energy state and lipid peroxidation in the rat. <i>Experimental Brain Research</i> , 1997, 117, 411-418.	0.7	26
110	An Ion-Pairing High-Performance Liquid Chromatographic Method for the Direct Simultaneous Determination of Nucleotides, Deoxynucleotides, Nicotinic Coenzymes, Oxypurines, Nucleosides, and Bases in Perchloric Acid Cell Extracts. <i>Analytical Biochemistry</i> , 1995, 231, 407-412.	1.1	101
111	The relevance of malondialdehyde as a biochemical index of lipid peroxidation of postischemic tissues in the rat and human beings. <i>Biological Trace Element Research</i> , 1995, 47, 165-170.	1.9	28
112	Incomplete cerebral ischemia in the rat provokes increase of tissue and plasma malondialdehyde. <i>Biological Trace Element Research</i> , 1995, 47, 241-246.	1.9	9
113	Myocardial release of malondialdehyde and purine compounds during coronary bypass surgery.. <i>Circulation</i> , 1994, 90, 291-297.	1.6	110
114	Time Dependence of Plasma Malondialdehyde, Oxypurines, and Nucleosides during Incomplete Cerebral Ischemia in the Rat. <i>Biochemical Medicine and Metabolic Biology</i> , 1994, 53, 98-104.	0.7	3
115	Separation of reduced and oxidized glutathione by micellar electrokinetic capillary chromatography. <i>Biomedical Chromatography</i> , 1993, 7, 220-226.	0.8	6
116	Effectiveness of thrombolysis is associated with a time-dependent increase of malondialdehyde in peripheral blood of patients with acute myocardial infarction. <i>American Journal of Cardiology</i> , 1993, 71, 788-793.	0.7	22
117	Ischemia and Reperfusion: Effect of Fructose-1,6-Bisphosphate. <i>Free Radical Research Communications</i> , 1992, 16, 325-339.	1.8	26
118	Exogenous fructose-1,6-bisphosphate is a metabolizable substrate for the isolated normoxic rat heart. <i>Basic Research in Cardiology</i> , 1992, 87, 280-289.	2.5	27
119	MDA, oxypurines, and nucleosides relate to reperfusion in short-term incomplete cerebral ischemia in the rat. <i>Free Radical Biology and Medicine</i> , 1992, 13, 489-498.	1.3	45
120	Malondialdehyde production and ascorbate decrease are associated to the reperfusion of the isolated postischemic rat heart. <i>Free Radical Biology and Medicine</i> , 1992, 13, 75-78.	1.3	73
121	Malondialdehyde is a biochemical marker of peroxidative damage in the isolated reperfused rat heart. <i>Molecular and Cellular Biochemistry</i> , 1992, 116, 193-196.	1.4	34
122	Malondialdehyde is a biochemical marker of peroxidative damage in the isolated reperfused rat heart. , 1992, , 193-196.		1
123	Preserving effect of fructose-1,6-bisphosphate on high-energy phosphate compounds during anoxia and reperfusion in isolated langendorff-perfused rat hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 1991, 23, 13-23.	0.9	41
124	Simultaneous separation of malondialdehyde, ascorbic acid, and adenine nucleotide derivatives from biological samples by ion-pairing high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1991, 197, 191-196.	1.1	116
125	Temperature modulation of oxygen transport in a diving mammal (<i>Balaenoptera acutorostrata</i>). <i>Biochemical Journal</i> , 1990, 271, 509-513.	1.7	22
126	Oxygen Radical Injury and Loss of High-Energy Compounds in Anoxic and Reperfused Rat Heart: Prevention By Exogenous Fructose-1, 6-Bisphosphate. <i>Free Radical Research Communications</i> , 1990, 10, 167-176.	1.8	33

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127	Effects of fructose-1,6-bisphosphate on metabolic and hemodynamic parameters of isolated rat heart in different perfusion conditions. <i>Pharmacological Research</i> , 1990, 22, 475.	3.1	0
128	A method for preparing freeze-clamped tissue samples for metabolite analyses. <i>Analytical Biochemistry</i> , 1989, 181, 239-241.	1.1	35
129	Ischemia-reperfusion damages in isolated rat heart: Protection by fructose-1,6-diphosphate. <i>Pharmacological Research Communications</i> , 1988, 20, 382.	0.2	0
130	The Importance of Restriction from Physical Activity in the Metabolic Recovery of Concussed Brain. , 0, , .		5