Barbara Tavazzi

List of Publications by Year in descending order

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130	6,830	53660	64668
papers	citations	45 h-index	79 g-index

133	133	133	7716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidant stress from nitric oxide synthaseâ€“3 uncoupling stimulates cardiac pathologic remodeling from chronic pressure load. Journal of Clinical Investigation, 2005, 115, 1221-1231.	3.9	387
2	Assessment of metabolic brain damage and recovery following mild traumatic brain injury: a multicentre, proton magnetic resonance spectroscopic study in concussed patients. Brain, 2010, 133, 3232-3242.	3.7	358
3	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. Neurosurgery, 2007, 61, 379-389.	0.6	308
4	Cyanidins: metabolism and biological properties. Journal of Nutritional Biochemistry, 2004, 15, 2-11.	1.9	272
5	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSION. Neurosurgery, 2008, 62, 1286-1296.	0.6	268
6	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. Neurosurgery, 2007, 61, 390-396.	0.6	247
7	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSION. Neurosurgery, 2008, 62, 1286-1296.	0.6	219
8	N-Acetylaspartate Reduction as a Measure of Injury Severity and Mitochondrial Dysfunction Following Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2001, 18, 977-991.	1.7	201
9	Energy metabolism and lipid peroxidation of human erythrocytes as a function of increased oxidative stress. FEBS Journal, 2000, 267, 684-689.	0.2	146
10	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
11	Simultaneous separation of malondialdehyde, ascorbic acid, and adenine nucleotide derivatives from biological samples by ion-pairing high-performance liquid chromatography. Analytical Biochemistry, 1991, 197, 191-196.	1.1	116
12	Changes of Cerebral Energy Metabolism and Lipid Peroxidation in Rats Leading to Mitochondrial Dysfunction After Diffuse Brain Injury. Journal of Neurotrauma, 1999, 16, 903-913.	1.7	114
13	The Pathophysiology of Concussion. PM and R, 2011, 3, S359-68.	0.9	111
14	Myocardial release of malondialdehyde and purine compounds during coronary bypass surgery.. Circulation, 1994, 90, 291-297.	1.6	110
15	High-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injury. Circulation, 2008, 117, 1810-1819.	1.6	104
16	Increase of uric acid and purine compounds in biological fluids of multiple sclerosis patients. Clinical Biochemistry, 2009, 42, 1001-1006.	0.8	103
17	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. Analytical Biochemistry, 1995, 231, 407-412.	1.1	101
18	Comparison of nitrite/nitrate concentration in human plasma and serum samples measured by the enzymatic batch Griess assay, ion-pairing HPLC and ion-trap GCâ€“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

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19	Hypothesis of the Postconcussive Vulnerable Brain: Experimental Evidence of Its Metabolic Occurrence. Neurosurgery, 2005, 57, 164-171.	0.6	100
20	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
21	Single-sample preparation for simultaneous cellular redox and energy state determination. Analytical Biochemistry, 2003, 322, 51-59.	1.1	96
22	Biochemical and neurochemical sequelae following mild traumatic brain injury: summary of experimental data and clinical implications. Neurosurgical Focus, 2010, 29, E1.	1.0	89
23	Reduced gliotransmitter release from astrocytes mediates tauâ€induced synaptic dysfunction in cultured hippocampal neurons. Glia, 2017, 65, 1302-1316.	2.5	82
24	Serum lactate as a novel potential biomarker in multiple sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1137-1143.	1.8	77
25	Modulation of Pro-Oxidant and Pro-Inflammatory Activities of M1 Macrophages by the Natural Dipeptide Carnosine. International Journal of Molecular Sciences, 2020, 21, 776.	1.8	77
26	Malondialdehyde production and ascorbate decrease are associated to the reperfusion of the isolated postischemic rat heart. Free Radical Biology and Medicine, 1992, 13, 75-78.	1.3	73
27	Transient alterations of creatine, creatine phosphate, N-acetylaspartate and high-energy phosphates after mild traumatic brain injury in the rat. Molecular and Cellular Biochemistry, 2010, 333, 269-277.	1.4	72
28	Decrease in N-Acetylaspartate Following Concussion May Be Coupled to Decrease in Creatine. Journal of Head Trauma Rehabilitation, 2013, 28, 284-292.	1.0	72
29	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
30	Neuroglobin expression and oxidant/antioxidant balance after graded traumatic brain injury in the rat. Free Radical Biology and Medicine, 2014, 69, 258-264.	1.3	70
31	Severity of experimental traumatic brain injury modulates changes in concentrations of cerebral free amino acids. Journal of Cellular and Molecular Medicine, 2017, 21, 530-542.	1.6	70
32	Cyanidin-3- O -Î²-glucopyranoside Protects Myocardium and Erythrocytes from Oxygen Radical-mediated Damages. Free Radical Research, 2003, 37, 453-460.	1.5	69
33	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
34	Fusion or Fission: The Destiny of Mitochondria In Traumatic Brain Injury of Different Severities. Scientific Reports, 2017, 7, 9189.	1.6	65
35	Antioxidant Therapies in Traumatic Brain Injury. Antioxidants, 2020, 9, 260.	2.2	65
36	Oxidative Stress Induces Impairment of Human Erythrocyte Energy Metabolism through the Oxygen Radical-mediated Direct Activation of AMP-deaminase. Journal of Biological Chemistry, 2001, 276, 48083-48092.	1.6	64

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37	Serum Metabolic Profile in Multiple Sclerosis Patients. Multiple Sclerosis International, 2011, 2011, 1-8.	0.4	62
38	Non-toxic engineered carbon nanodiamond concentrations induce oxidative/nitrosative stress, imbalance of energy metabolism, and mitochondrial dysfunction in microglial and alveolar basal epithelial cells. Cell Death and Disease, 2018, 9, 245.	2.7	61
39	Carnosine Decreases PMA-Induced Oxidative Stress and Inflammation in Murine Macrophages. Antioxidants, 2019, 8, 281.	2.2	56
40	Activity and mechanism of the antioxidant properties of cyanidin-3-O-Î²-glucopyranoside. Free Radical Research, 2001, 35, 953-966.	1.5	55
41	Potentially neuroprotective gene modulation in an in vitro model of mild traumatic brain injury. Molecular and Cellular Biochemistry, 2013, 375, 185-198.	1.4	52
42	Transcriptomics of Traumatic Brain Injury: Gene Expression and Molecular Pathways of Different Grades of Insult in a Rat Organotypic Hippocampal Culture Model. Journal of Neurotrauma, 2010, 27, 349-359.	1.7	51
43	Early Onset of Lipid Peroxidation after Human Traumatic Brain Injury: A Fatal Limitation for the Free Radical Scavenger Pharmacological Therapy?. Journal of Investigative Medicine, 2001, 49, 450-458.	0.7	50
44	Extracellular N-acetylaspartate depletion in traumatic brain injury. Journal of Neurochemistry, 2006, 96, 861-869.	2.1	49
45	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. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-7.	1.9	49
46	Differentiation of human melanoma cells induced by cyanidinâ€3â€•O â€Î²â€glucopyranoside. FASEB Journal, 2004, 18, 1940-1942.	0.2	48
47	Metabolic, enzymatic and gene involvement in cerebral glucose dysmetabolism after traumatic brain injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 679-687.	1.8	47
48	Serum Compounds of Energy Metabolism Impairment Are Related to Disability, Disease Course and Neuroimaging in Multiple Sclerosis. Molecular Neurobiology, 2017, 54, 7520-7533.	1.9	47
49	Cerebrospinal fluid ATP metabolites in multiple sclerosis. Multiple Sclerosis Journal, 2010, 16, 549-554.	1.4	46
50	MDA, oxypurines, and nucleosides relate to reperfusion in short-term incomplete cerebral ischemia in the rat. Free Radical Biology and Medicine, 1992, 13, 489-498.	1.3	45
51	Water- and Fat-Soluble Antioxidants in Human Seminal Plasma and Serum of Fertile Males. Antioxidants, 2019, 8, 96.	2.2	43
52	Preserving effect of fructose-1,6-bisphosphate on high-energy phosphate compounds during anoxia and reperfusion in isolated langendorff-perfused rat hearts. Journal of Molecular and Cellular Cardiology, 1991, 23, 13-23.	0.9	41
53	New glycosidic derivatives of histidine-containing dipeptides with antioxidant properties and resistant to carnosinase activity. European Journal of Medicinal Chemistry, 2008, 43, 373-380.	2.6	41
54	Aconitase 2 inhibits the proliferation of MCF-7 cells promoting mitochondrial oxidative metabolism and ROS/FoxO1-mediated autophagic response. British Journal of Cancer, 2020, 122, 182-193.	2.9	41

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55	Concussion occurrence and knowledge in italian football (soccer). Journal of Sports Science and Medicine, 2010, 9, 418-30.	0.7	40
56	Mitochondrial Functions, Energy Metabolism and Protein Glycosylation are Interconnected Processes Mediating Resistance to Bortezomib in Multiple Myeloma Cells. Biomolecules, 2020, 10, 696.	1.8	39
57	Low-molecular weight compounds in human seminal plasma as potential biomarkers of male infertility. Human Reproduction, 2018, 33, 1817-1828.	0.4	36
58	A method for preparing freeze-clamped tissue samples for metabolite analyses. Analytical Biochemistry, 1989, 181, 239-241.	1.1	35
59	Pyruvate Dehydrogenase and Tricarboxylic Acid Cycle Enzymes Are Sensitive Targets of Traumatic Brain Injury Induced Metabolic Derangement. International Journal of Molecular Sciences, 2019, 20, 5774.	1.8	35
60	Malondialdehyde is a biochemical marker of peroxidative damage in the isolated reperfused rat heart. Molecular and Cellular Biochemistry, 1992, 116, 193-196.	1.4	34
61	The Molecular Mechanisms Affecting N-Acetylaspartate Homeostasis Following Experimental Graded Traumatic Brain Injury. Molecular Medicine, 2014, 20, 147-157.	1.9	34
62	Oxygen Radical Injury and Loss of High-Energy Compounds in Anoxic and Reperfused Rat Heart: Prevention By Exogenous Fructose-1, 6-Bisphosphate. Free Radical Research Communications, 1990, 10, 167-176.	1.8	33
63	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
64	Cobalt-Protoporphyrin Improves Heart Function by Blunting Oxidative Stress and Restoring NO Synthase Equilibrium in an Animal Model of Experimental Diabetes. Frontiers in Physiology, 2012, 3, 160.	1.3	29
65	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?. JIMD Reports, 2014, 15, 39-45.	0.7	29
66	The relevance of malondialdehyde as a biochemical index of lipid peroxidation of postischemic tissues in the rat and human beings. Biological Trace Element Research, 1995, 47, 165-170.	1.9	28
67	Exogenous fructose-1,6-bisphosphate is a metabolizable substrate for the isolated normoxic rat heart. Basic Research in Cardiology, 1992, 87, 280-289.	2.5	27
68	Lipid Peroxidation, Tissue Necrosis, and Metabolic and Mechanical Recovery of Isolated Reperfused Rat Heart as a Function of Increasing Ischemia. Free Radical Research, 1998, 28, 25-37.	1.5	27
69	Ion-Pairing High-Performance Liquid Chromatographic Method for the Detection of N-Acetylaspartate and N-Acetylglutamate in Cerebral Tissue Extracts. Analytical Biochemistry, 2000, 277, 104-108.	1.1	27
70	Hypouricemia linked to an overproduction of nitric oxide is an early marker of oxidative stress in female subjects with type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2008, 24, 318-323.	1.7	27
71	Ischemia and Reperfusion: Effect of Fructose-1,6-Bisphosphate. Free Radical Research Communications, 1992, 16, 325-339.	1.8	26
72	Effects of increasing times of incomplete cerebral ischemia upon the energy state and lipid peroxidation in the rat. Experimental Brain Research, 1997, 117, 411-418.	0.7	26

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73	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. Free Radical Research, 2013, 47, 202-211.	1.5	25
74	Single-step preparation of selected biological fluids for the high performance liquid chromatographic analysis of fat-soluble vitamins and antioxidants. Journal of Chromatography A, 2017, 1527, 43-52.	1.8	25
75	Anorexia and Plasma Levels of Free Tryptophan, Branched Chain Amino Acids, and Ghrelin in Hemodialysis Patients. , 2009, 19, 248-255.		24
76	Early Onset Methylmalonic Aciduria and Homocystinuria cblC Type With Demyelinating Neuropathy. Pediatric Neurology, 2010, 43, 135-138.	1.0	24
77	Synthesis and antioxidant activity of new homocarnosine Î²-cyclodextrin conjugates. European Journal of Medicinal Chemistry, 2007, 42, 910-920.	2.6	23
78	Brain energy depletion in a rodent model of diffuse traumatic brain injury is not prevented with administration of sodium lactate. Brain Research, 2011, 1404, 39-49.	1.1	23
79	3-Nitropropionic Acid-Induced Ischemia Tolerance in the Rat Brain is Mediated by Reduced Metabolic Activity and Cerebral Blood Flow. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1522-1530.	2.4	23
80	The Crosstalk between GPR81/IGFBP6 Promotes Breast Cancer Progression by Modulating Lactate Metabolism and Oxidative Stress. Antioxidants, 2022, 11, 275.	2.2	23
81	Temperature modulation of oxygen transport in a diving mammal (Balaenoptera acutorostrata). Biochemical Journal, 1990, 271, 509-513.	1.7	22
82	Effectiveness of thrombolysis is associated with a time-dependent increase of malondialdehyde in peripheral blood of patients with acute myocardial infarction. American Journal of Cardiology, 1993, 71, 788-793.	0.7	22
83	Myocardial metabolism of exogenous FDP is consistent with transport by a dicarboxylate transporter. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H2654-H2660.	1.5	22
84	Biochemical and nutritional characteristics of buffalo meat and potential implications on human health for a personalized nutrition. Italian Journal of Food Safety, 2019, 8, 8317.	0.5	22
85	Metabolic profile of amniotic fluid as a biochemical tool to screen for inborn errors of metabolism and fetal anomalies. Molecular and Cellular Biochemistry, 2012, 359, 205-216.	1.4	21
86	Metabolic Reprogramming by Malat1 Depletion in Prostate Cancer. Cancers, 2021, 13, 15.	1.7	20
87	Inhibiting Metalloproteases with PD 166793 in Heart Failure: Impact on Cardiac Remodeling and Beyond. Cardiovascular Drug Reviews, 2008, 26, 24-37.	4.4	19
88	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. Antiviral Research, 1997, 33, 153-164.	1.9	16
89	Clobetasol promotes neuromuscular plasticity in mice after motoneuronal loss via sonic hedgehog signaling, immunomodulation and metabolic rebalancing. Cell Death and Disease, 2021, 12, 625.	2.7	16
90	Selected Nucleotide Sequence of the pol Gene of the Monocytotropic Strain HIV Type 1 BaL. AIDS Research and Human Retroviruses, 1997, 13, 629-632.	0.5	15

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91	Differential effects of acute morphine administrations on polymorphonuclear cell metabolism in various mouse strains. Life Sciences, 1998, 63, 2167-2174.	2.0	15
92	Direct NAD(P)H hydrolysis into ADP-ribose(P) and nicotinamide induced by reactive oxygen species: A new mechanism of oxygen radical toxicity. Free Radical Research, 2000, 33, 1-12.	1.5	14
93	Altered Follicular Fluid Metabolic Pattern Correlates with Female Infertility and Outcome Measures of In Vitro Fertilization. International Journal of Molecular Sciences, 2021, 22, 8735.	1.8	14
94	Visual pathway neurodegeneration winged by mitochondrial dysfunction. Annals of Clinical and Translational Neurology, 2015, 2, 140-150.	1.7	13
95	Antioxidant-Based Therapies in Male Infertility: Do We Have Sufficient Evidence Supporting Their Effectiveness?. Antioxidants, 2021, 10, 220.	2.2	12
96	Glucose ameliorates the metabolic profile and mitochondrial function of platelet concentrates during storage in autologous plasma. Blood Transfusion, 2013, 11, 61-70.	0.3	12
97	The potency of acyclovir can be markedly different in different cell types. Life Sciences, 2001, 69, 1285-1290.	2.0	11
98	Ca²⁺â€dependent release of <scp>ATP</scp> from astrocytes affects herpes simplex virus type 1 infection of neurons. Glia, 2021, 69, 201-215.	2.5	11
99	Determination of Boronophenylalanine in Biological Samples Using Precolumn o-Phthalaldehyde Derivatization and Reversed-Phase High-Performance Liquid Chromatography. Analytical Biochemistry, 2000, 284, 301-306.	1.1	10
100	Incomplete cerebral ischemia in the rat provokes increase of tissue and plasma malondialdehyde. Biological Trace Element Research, 1995, 47, 241-246.	1.9	9
101	Low Molecular Weight Dextran Sulfate (ILBÂ®) Administration Restores Brain Energy Metabolism Following Severe Traumatic Brain Injury in the Rat. Antioxidants, 2020, 9, 850.	2.2	9
102	Clinical, biochemical and molecular diagnosis of a compound homozygote for the 254Âbp deletionâ€“8Âbp insertion of the APRT gene suffering from severe renal failure. Clinical Biochemistry, 2007, 40, 73-80.	0.8	7
103	New T530C mutation in the aspartoacylase gene caused Canavan disease with no correlation between severity and N-acetylaspartate excretion. Clinical Biochemistry, 2013, 46, 1902-1904.	0.8	7
104	ILBÂ® Attenuates Clinical Symptoms and Serum Biomarkers of Oxidative/Nitrosative Stress and Mitochondrial Dysfunction in Patients with Amyotrophic Lateral Sclerosis. Journal of Personalized Medicine, 2021, 11, 794.	1.1	7
105	Extracellular tau oligomers affect extracellular glutamate handling by astrocytes through downregulation of GLTâ€1 expression and impairment of NKA1A2 function. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	7
106	A phase II open label clinical study of the safety, tolerability and efficacy of ILBÂ® for Amyotrophic Lateral Sclerosis. PLoS ONE, 2022, 17, e0267183.	1.1	7
107	Separation of reduced and oxidized glutathione by micellar electrokinetic capillary chromatography. Biomedical Chromatography, 1993, 7, 220-226.	0.8	6
108	Body Temperature and Plasma Nitric Oxide Metabolites in Response to Standardized Exercise Test in the Athletic Horse. Journal of Equine Veterinary Science, 2015, 35, 709-713.	0.4	6

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109	Fructose-1,6-Bisphosphate Protects Hippocampal Rat Slices from NMDA Excitotoxicity. International Journal of Molecular Sciences, 2019, 20, 2239.	1.8	6
110	A new T677C mutation of the aspartoacylase gene encodes for a protein with no enzymatic activity. Clinical Biochemistry, 2008, 41, 611-615.	0.8	5
111	Modulation of circulating purines and pyrimidines by physical exercise in the horse. European Journal of Applied Physiology, 2011, 111, 549-556.	1.2	5
112	The Importance of Restriction from Physical Activity in the Metabolic Recovery of Concussed Brain. , 0, , .		5
113	Time Dependence of Plasma Malondialdehyde, Oxypurines, and Nucleosides during Incomplete Cerebral Ischemia in the Rat. Biochemical Medicine and Metabolic Biology, 1994, 53, 98-104.	0.7	3
114	Chromosomal 17p13.3 microdeletion unmasking recessive Canavan disease mutation. Molecular Genetics and Metabolism, 2011, 104, 706-707.	0.5	3
115	Broadening phenotype of adenylosuccinate lyase deficiency: A novel clinical pattern resembling neuronal ceroid lipofuscinosis. Molecular Genetics and Metabolism Reports, 2019, 21, 100502.	0.4	3
116	Lung Surfactant Decreases Biochemical Alterations and Oxidative Stress Induced by a Sub-Toxic Concentration of Carbon Nanoparticles in Alveolar Epithelial and Microglial Cells. International Journal of Molecular Sciences, 2021, 22, 2694.	1.8	3
117	The Relevance of Assessing Cerebral Metabolic Recovery for a Safe Return to Play Following Concussion. , 2014, , 89-112.		3
118	Separation of Representative Lipid Compounds of Biological Membranes and Lipid Derivatives from Peroxidized Polyunsaturated Fatty Acids by Reversed Phase High-Performance Liquid Chromatography. Free Radical Research, 1997, 26, 307-317.	1.5	2
119	Is adenine phophorybosiltransferase deficiency a still underdiagnosed cause of urolithiasis and chronic renal failure? A report of two cases in a family with an uncommon novel mutation. CKJ: Clinical Kidney Journal, 2008, 1, 292-295.	1.4	2
120	HPLC Analysis for the Clinicalâ€“Biochemical Diagnosis of Inborn Errors of Metabolism of Purines and Pyrimidines. Methods in Molecular Biology, 2011, 708, 99-117.	0.4	2
121	Evaluation of the effect of a floxed Neo cassette within the dystroglycan (Dag1) gene. BMC Research Notes, 2017, 10, 601.	0.6	2
122	The Pathophysiology of Concussive Brain Injury. , 2019, , 138-152.		2
123	Malondialdehyde is a biochemical marker of peroxidative damage in the isolated reperfused rat heart. , 1992, , 193-196.		1
124	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. Antioxidants, 2022, 11, 1208.	2.2	1
125	Ischemia-reperfusion damages in isolated rat heart: Protection by fructose- 1,6-diphosphate. Pharmacological Research Communications, 1988, 20, 382.	0.2	0
126	Effects of fructose-1,6-bisphosphate on metabolic and hehodynamic parameters of isolated rat heart in different perfusion conditions. Pharmacological Research, 1990, 22, 475.	3.1	0

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127	Response to Letter Regarding Article, â€œHigh-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injuryâ€. Circulation, 2008, 118, .	1.6	0
128	Analytical Monitoring of Brain Metabolism: Not a Research Tool for Elite Academy butÂan Essential Issue for Return to Play Following Concussion. , 2021, , 193-220.		0
129	Reply to: Comments on "Glucose ameliorates the metabolic profile and mitochondrial function of platelet concentrates during storage in autologous plasma". Blood Transfusion, 2014, 12, 134-5.	0.3	0
130	Pyruvate dehydrogenase complex, metabolic enzymes, and energy derangement in traumatic brain injury. , 2022, , 207-218.		0