Syed Ibrahim Rizvi

List of Publications by Year
in descending order

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148 papers	7,542 citations	109321 35 h-index	56724 83 g-index
153 all docs	153 docs citations	153 times ranked	11460 citing authors

#	Article	IF	Citations
1	Metformin ameliorates acetaminophen-induced sub-acute toxicity via antioxidant property. Drug and Chemical Toxicology, 2022, 45, 52-60.	2.3	20
2	Fisetin, a potential caloric restriction mimetic, modulates ionic homeostasis in senescence induced and naturally aged rats. Archives of Physiology and Biochemistry, 2022, 128, 51-58.	2.1	17
3	Capsaicin has potent anti-oxidative effects in vivo through a mechanism which is non-receptor mediated. Archives of Physiology and Biochemistry, 2022, 128, 141-147.	2.1	22
4	Piperine protects oxidative modifications in human erythrocytes. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 163-167.	1.3	2
5	Melatonin exerts neuroprotection in a chronodisrupted rat model through reduction in oxidative stress and modulation of autophagy. Chronobiology International, 2022, 39, 45-56.	2.0	8
6	Melatonin stabilizes age-dependent alterations in erythrocyte membrane induced by â€˜Artificial Light at Nightâ€™ in a chronodisrupted model of rat. General and Comparative Endocrinology, 2022, 316, 113960.	1.8	3
7	Baicalein may act as a caloric restriction mimetic candidate to improve the anti-oxidant profile in a natural rodent model of aging. Rejuvenation Research, 2022, , .	1.8	1
8	Hormetic Effect of 3-Bromopyruvate on Age-Induced Alterations in Erythrocyte Membrane Transporters and Oxidative Biomarkers in Rats. Rejuvenation Research, 2022, 25, 122-128.	1.8	3
9	Ufuk Ã‡akatay (editor): Redox Signaling and Biomarkers in Ageing. Biogerontology, 2022, , 1.	3.9	0
10	Plasma from Young Rats Injected into Old Rats Induce Antiaging Effects. Rejuvenation Research, 2021, 24, 206-212.	1.8	10
11	Euglena tuba extract provides protection against lipopolysaccharide-induced inflammatory response and oxidative stress in mice. Biologia (Poland), 2021, 76, 793-798.	1.5	4
12	Metformin protects red blood cells against rotenone induced oxidative stress and cytotoxicity. Archives of Physiology and Biochemistry, 2021, 127, 102-111.	2.1	14
13	The Zugzwang Hypothesis: Why Human Lifespan Cannot Be Increased. Gerontology, 2021, 67, 1-3.	2.8	1
14	Glucosamine Displays a Potent Caloric Restriction Mimetic Effect in Senescent Rats by Activating Mitohormosis. Rejuvenation Research, 2021, 24, 220-226.	1.8	7
15	Promising drug discovery strategies for sirtuin modulators: what lessons have we learnt?. Expert Opinion on Drug Discovery, 2021, 16, 1-13.	5.0	4
16	Antiâ€aging effects of intermittent fasting: a potential alternative to calorie restriction?. Biologia (Poland), 2021, 76, 2329-2336.	1.5	5
17	The Antioxidant Efficacy of Wheatgrass (Triticum Aestivum) on Mercuric Chloride (HgCl2) - Induced Oxidative Stress in Rat Model. Current Research in Nutrition and Food Science, 2021, 9, 450-464.	0.8	1
18	Age-dependent effect of continuous â€˜artificial light at nightâ€™ on circadian rhythm in male rats: neuroprotective role of melatonin. Biogerontology, 2021, 22, 531-545.	3.9	6

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19	Chitosan Displays a Potent Caloric Restriction Mimetic Effect in Senescent Rats. Rejuvenation Research, 2021, 24, 390-396.	1.8	3
20	Protective effect of hesperidin in Poloxamer-407 induced hyperlipidemic experimental rats. Biologia Futura, 2021, 72, 201-210.	1.4	9
21	Spermidine, a caloric restriction mimetic, provides neuroprotection against normal and d-galactose-induced oxidative stress and apoptosis through activation of autophagy in male rats during aging. Biogerontology, 2021, 22, 35-47.	3.9	29
22	Redox modulating effects of grape juice during aging. Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	1.3	1
23	Hesperidin attenuates altered redox homeostasis in an experimental hyperlipidaemic model of rat. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 571-582.	1.9	25
24	3-Bromopyruvate elevates ROS and induces hormesis to exert a caloric restriction mimetic effect in young and old rats. Archives of Physiology and Biochemistry, 2020, , 1-8.	2.1	7
25	Time restricted feeding provides a viable alternative to alternate day fasting when evaluated in terms of redox homeostasis in rats. Archives of Gerontology and Geriatrics, 2020, 91, 104188.	3.0	10
26	Age-dependent altered redox homeostasis in the chronodisrupted rat model and moderation by melatonin administration. Chronobiology International, 2020, 37, 1517-1527.	2.0	10
27	Whey protein concentrate protects against age-dependent alteration in redox biomarkers. Biologia Futura, 2020, 71, 273-281.	1.4	1
28	Baicalein maintains redox balance in experimental hyperlipidemic rats. Archives of Physiology and Biochemistry, 2020, , 1-9.	2.1	4
29	2 -Deoxy â€“ d-glucose at chronic low dose acts as a caloric restriction mimetic through a mitohormetic induction of ROS in the brain of accelerated senescence model of rat. Archives of Gerontology and Geriatrics, 2020, 90, 104133.	3.0	8
30	Melatonin protects against membrane alterations affected by â€˜Artificial Light at Nightâ€™ in a circadian-disrupted model of rat. Biological Rhythm Research, 2020, , 1-12.	0.9	4
31	Characteristics of Healthy Blood. Healthy Ageing and Longevity, 2020, , 179-197.	0.2	0
32	Curcumin has Protective Effects on ROS Production and Redox Imbalance in an Experimental Oxidative-Stressed Model of Rat. Journal of Biologically Active Products From Nature, 2020, 10, 484-494.	0.3	2
33	Rapamycin Confers Neuroprotection Against Aging-Induced Oxidative Stress, Mitochondrial Dysfunction, and Neurodegeneration in Old Rats Through Activation of Autophagy. Rejuvenation Research, 2019, 22, 60-70.	1.8	33
34	Potential Therapeutic Impacts of Curcumin Against Age-Related Impaired Cognition and Memory. , 2019, , 247-255.		0
35	Redox homeostasis in a rodent model of circadian disruption: Effect of melatonin supplementation. General and Comparative Endocrinology, 2019, 280, 97-103.	1.8	15
36	Glycolytic Inhibitor 2-Deoxy-<scp>D</scp>-Glucose at Chronic Low Dose Mimics Calorie Restriction in Rats Through Mitohormetic Induction of Reactive Oxygen Species. Rejuvenation Research, 2019, 22, 377-384.	1.8	19

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37	Fisetin, a potential caloric restriction mimetic, attenuates senescence biomarkers in rat erythrocytes. Biochemistry and Cell Biology, 2019, 97, 480-487.	2.0	18
38	Invertebrate and vertebrate models in aging research. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2019, 163, 114-121.	0.6	9
39	Erythrocyte as a Cellular Model of Aging Research. , 2019, , 27-27.		1
40	Whey protein concentrate supplementation protects rat brain against aging-induced oxidative stress and neurodegeneration. Applied Physiology, Nutrition and Metabolism, 2018, 43, 437-444.	1.9	21
41	Effect of oral supplementation of composite leaf extract of medicinal plants on biomarkers of oxidative stress in induced diabetic Wistar rats. Archives of Physiology and Biochemistry, 2018, 124, 361-366.	2.1	4
42	Fisetin as a caloric restriction mimetic protects rat brain against aging induced oxidative stress, apoptosis and neurodegeneration. Life Sciences, 2018, 193, 171-179.	4.3	93
43	Rapamycin mitigates erythrocyte membrane transport functions and oxidative stress during aging in rats. Archives of Physiology and Biochemistry, 2018, 124, 45-53.	2.1	19
44	Inhibition of mTOR Signalling: A Potential Anti-aging Drug Strategy. , 2018, , 151-160.		1
45	Activation of Plasma Membrane Redox System: A Novel Antiaging Strategy. , 2018, , 297-304.		0
46	Autophagy Induction: A Promising Antiaging Strategy. , 2018, , 161-174.		0
47	Whey protein concentrate supplementation protects erythrocyte membrane from agingâ€induced alterations in rats. Journal of Food Biochemistry, 2018, 42, e12679.	2.9	6
48	Erythrocyte Senescence in a Model of Rat Displaying Hutchinson-Gilford Progeria Syndrome. Analytical Cellular Pathology, 2018, 2018, 1-10.	1.4	6
49	N-acetyl-<scp>l</scp>-cysteine attenuates oxidative damage and neurodegeneration in rat brain during aging. Canadian Journal of Physiology and Pharmacology, 2018, 96, 1189-1196.	1.4	22
50	Metformin Alleviates Altered Erythrocyte Redox Status During Aging in Rats. Rejuvenation Research, 2017, 20, 15-24.	1.8	47
51	Autophagy Activation Alleviates Amyloid-Î²-Induced Oxidative Stress, Apoptosis and Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. Neurotoxicity Research, 2017, 32, 351-361.	2.7	44
52	Antiaging Effect of Metformin on Brain in Naturally Aged and Accelerated Senescence Model of Rat. Rejuvenation Research, 2017, 20, 173-182.	1.8	90
53	Synergistic Effect of Rapamycin and Metformin Against Age-Dependent Oxidative Stress in Rat Erythrocytes. Rejuvenation Research, 2017, 20, 420-429.	1.8	17
54	Black tea supplementation augments redox balance in rats: relevance to aging. Archives of Physiology and Biochemistry, 2017, 123, 212-218.	2.1	7

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55	Protein Content in Silken Webs of Cellar Spiders (Family-Pholcidae): Effect of Habitat and Senescence. The National Academy of Sciences, India, 2017, 40, 315-318.	1.3	1
56	Redox imbalance in a model of rat mimicking Hutchinson-Gilford progeria syndrome. Biochemical and Biophysical Research Communications, 2017, 491, 361-367.	2.1	12
57	Novel strategies for anti-aging drug discovery. Expert Opinion on Drug Discovery, 2017, 12, 955-966.	5.0	56
58	Neuroprotection Through Rapamycin-Induced Activation of Autophagy and PI3K/Akt1/mTOR/CREB Signaling Against Amyloid-Î²-Induced Oxidative Stress, Synaptic/Neurotransmission Dysfunction, and Neurodegeneration in Adult Rats. Molecular Neurobiology, 2017, 54, 5815-5828.	4.0	144
59	Plant Polyphenols in Healthcare and Aging. , 2017, , 267-282.		3
60	Modulation of Erythrocyte Plasma Membrane Redox System Activity by Curcumin. Biochemistry Research International, 2016, 2016, 1-8.	3.3	12
61	Protective Effect ofAbelmoschus esculentusAgainst Alloxan-induced Diabetes in Wistar Strain Rats. Journal of Dietary Supplements, 2016, 13, 634-646.	2.6	21
62	Progress in the Development and Applicability of Potential Medicinal Plant Extractâ€Conjugated Polymeric Constructs for Wound Healing and Tissue Regeneration. Phytotherapy Research, 2016, 30, 1895-1904.	5.8	34
63	Rapamycin alleviates oxidative stress-induced damage in rat erythrocytes. Biochemistry and Cell Biology, 2016, 94, 471-479.	2.0	41
64	Erythrocyte senescence and membrane transporters in young and old rats. Archives of Physiology and Biochemistry, 2016, 122, 228-234.	2.1	21
65	(â˜)-Epicatechinin vitroameliorates erythrocyte protein carbonyl content in hypertensive patients: comparison with L-ascorbic acid. Archives of Physiology and Biochemistry, 2016, 122, 155-160.	2.1	4
66	Antidiabetic potential of some less commonly used plants in traditional medicinal systems of India and Africa. Journal of Intercultural Ethnopharmacology, 2015, 4, 78.	0.9	16
67	Modulation Effects of Curcumin on Erythrocyte Ion-Transporter Activity. International Journal of Cell Biology, 2015, 2015, 1-8.	2.5	3
68	Redox Biology of Aging: Focus on Novel Biomarkers. , 2015, , 279-290.		3
69	Ameliorative Effects of Testosterone Administration on Renal Redox Homeostasis in Naturally Aged Rats. Rejuvenation Research, 2015, 18, 299-312.	1.8	10
70	The modulation of erythrocyte Na+/K+-ATPase activity by curcumin. Journal of Advanced Research, 2015, 6, 1023-1030.	9.5	26
71	Black tea extract improves anti-oxidant profile in experimental diabetic rats. Archives of Physiology and Biochemistry, 2015, 121, 109-115.	2.1	18
72	A Novel Approach for Overcoming Drug Resistance in Breast Cancer Chemotherapy by Targeting new Synthetic Curcumin Analogues Against Aldehyde Dehydrogenase 1 (ALDH1A1) and Glycogen Synthase Kinase-3 Î² (GSK-3Î²). Applied Biochemistry and Biotechnology, 2015, 176, 1996-2017.	2.9	39

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73	Protective effects of bioconjugates of curcumin with nicotinic and picolinic acids on markers of oxidative stress in human erythrocytes. Biologia (Poland), 2015, 70, 703-708.	1.5	0
74	Anti Oxidative Effect of Black Tea Theaflavin on Erythrocytes Subjected to Oxidative Stress. The National Academy of Sciences, India, 2015, 38, 25-28.	1.3	11
75	Age-Dependent Paraoxonase 1 (PON1) Activity and LDL Oxidation in Wistar Rats during Their Entire Lifespan. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	18
76	Efficacy of Herbal Drugs in Human Diseases and Disorders. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	1.2	15
77	Role of resveratrol in regulation of membrane transporters and integrity of human erythrocytes. Biochemical and Biophysical Research Communications, 2014, 453, 521-526.	2.1	34
78	Efficacy of Composite Extract from Leaves and Fruits of Medicinal Plants Used in Traditional Diabetic Therapy against Oxidative Stress in Alloxan-Induced Diabetic Rats. ISRN Pharmacology, 2014, 2014, 1-7.	1.6	42
79	Anti-diabetic and anti-oxidative effect of composite extract of leaves of some Indian plants on alloxan induced diabetic wistar rats. Journal of Pharmaceutical Investigation, 2014, 44, 205-211.	5.3	4
80	Plasma paraoxonase 1 arylesterase activity in d-galactose-induced aged rat model: correlation with LDL oxidation and redox status. Aging Clinical and Experimental Research, 2014, 26, 261-267.	2.9	12
81	Markers of Oxidative Stress in Senescent Erythrocytes Obtained from Young and Old Age Rats. Rejuvenation Research, 2014, 17, 446-452.	1.8	38
82	Role of red grape polyphenols as antidiabetic agents. Integrative Medicine Research, 2014, 3, 119-125.	1.8	37
83	A critical period in lifespan of male rats coincides with increased oxidative stress. Archives of Gerontology and Geriatrics, 2014, 58, 427-433.	3.0	19
84	Onion extract (Allium cepaL.), quercetin and catechin up-regulate paraoxonase 1 activity with concomitant protection against low-density lipoprotein oxidation in male Wistar rats subjected to oxidative stress. Journal of the Science of Food and Agriculture, 2014, 94, 2752-2757.	3.5	36
85	Resveratrol in vitro amelioratestert-butyl hydroperoxide-induced alterations in erythrocyte membranes from young and older humans. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1093-1097.	1.9	8
86	N,N-Dimethyl-p-phenylenediamine dihydrochloride-based method for the measurement of plasma oxidative capacity during human aging. Analytical Biochemistry, 2013, 436, 165-167.	2.4	19
87	Erythrocyte membrane bound and plasma sialic acid during aging. Biologia (Poland), 2013, 68, 762-765.	1.5	23
88	Resveratrol Up-Regulates the Erythrocyte Plasma Membrane Redox System and Mitigates Oxidation-Induced Alterations in Erythrocytes During Aging in Humans. Rejuvenation Research, 2013, 16, 232-240.	1.8	42
89	Red onion extract (Allium cepa L.) supplementation improves redox balance in oxidatively stressed rats. Food Science and Human Wellness, 2013, 2, 99-104.	4.9	16
90	Erythrocyte membrane transporters during human ageing: Modulatory role of tea catechins. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 83-89.	1.9	16

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91	Plasma Protein Hydroperoxides During Aging in Humans: Correlation withÂParaoxonase 1 (PON1) Arylesterase Activity and Plasma Total Thiols. Archives of Medical Research, 2013, 44, 136-141.	3.3	13
92	Black Tea Supplementation Improves Antioxidant Status in Rats Subjected to Oxidative Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 347-354.	1.4	2
93	Traditional Indian Medicines Used for the Management of Diabetes Mellitus. Journal of Diabetes Research, 2013, 2013, 1-11.	2.3	80
94	Traditional Medicine in Management of Type 2 Diabetes Mellitus. Journal of Diabetes Research, 2013, 2013, 1-1.	2.3	12
95	Protective Effect of Theaflavin on Erythrocytes Subjected toIn VitroOxidative Stress. Biochemistry Research International, 2013, 2013, 1-7.	3.3	28
96	Pomegranate (Punica granatum) peel extract provides protection against mercuric chloride-induced oxidative stress in Wistar strain rats. Pharmaceutical Biology, 2013, 51, 441-446.	2.9	24
97	Markers of Oxidative Stress during Diabetes Mellitus. Journal of Biomarkers, 2013, 2013, 1-8.	1.0	313
98	Curcumin Activates Erythrocyte Membrane Acetylcholinesterase. Letters in Drug Design and Discovery, 2013, 10, 550-556.	0.7	6
99	Black Tea Supplementation Improves Antioxidant Status in Rats Subjected to Oxidative Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 0347.	1.4	4
100	Black tea supplementation improves antioxidant status in rats subjected to oxidative stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 347-54.	1.4	1
101	Recent Advances in Health Promoting Effect of Dietary Polyphenols. Current Nutrition and Food Science, 2012, 8, 254-264.	0.6	15
102	Human Plasma Paraoxonase 1 (PON1) Arylesterase Activity During Aging: Correlation with Susceptibility of LDL Oxidation. Archives of Medical Research, 2012, 43, 438-443.	3.3	35
103	Anti-Oxidative Effect of Curcumin Against Tert-Butylhydroperoxide Induced Oxidative Stress in Human Erythrocytes. Natural Products Journal, 2012, 2, 69-73.	0.3	6
104	Circadian modulation of human erythrocyte plasma membrane redox system by melatonin. Neuroscience Letters, 2012, 518, 32-35.	2.1	15
105	Upregulation of erythrocyte ascorbate free radical reductase by tea catechins: Correlation with their antioxidant properties. Food Research International, 2012, 46, 46-49.	6.2	12
106	Plant polyphenols as electron donors for erythrocyte plasma membrane redox system: validation through in silico approach. Organic and Medicinal Chemistry Letters, 2012, 2, 12.	2.0	17
107	Ferric Reducing and Radical Scavenging Activities of Selected Important Polyphenols Present In Foods. International Journal of Food Properties, 2012, 15, 702-708.	3.0	22
108	Erythrocyte Sialic Acid Content during Aging in Humans: Correlation with Markers of Oxidative Stress. Disease Markers, 2012, 32, 179-186.	1.3	48

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109	Concentration Dependent Effect of (â˜')â€Epicatechin on Na⁺/K⁺â€ATPase and Ca²⁺â€ATPase Inhibition Induced by Free Radicals in Hypertensive Patients: Comparison with Lâ€ascorbic Acid. Phytotherapy Research, 2012, 26, 1644-1647.	5.8	19
110	Variation of Antioxidant Capacity in Different Layers of Onion (Allium cepa L.) At Two Different Stages of Maturation. Current Nutrition and Food Science, 2012, 8, 126-130.	0.6	7
111	Erythrocyte sialic acid content during aging in humans: correlation with markers of oxidative stress. Disease Markers, 2012, 32, 179-86.	1.3	16
112	Erythrocyte plasma membrane redox system may determine maximum life span. Medical Hypotheses, 2011, 76, 547-549.	1.5	25
113	Ferric Reducing, Antiradical and Î²-Carotene Bleaching Activities of Nicotinic Acid and Picolinic Acid Bioconjugates of Curcumin. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3
114	Strategies for the discovery of anti-aging compounds. Expert Opinion on Drug Discovery, 2011, 6, 89-102.	5.0	25
115	Anti-oxidative action of resveratrol: Implications for human health. Arabian Journal of Chemistry, 2011, 4, 293-298.	4.9	39
116	CARBONYL FORMATION IN ERYTHROCYTE MEMBRANE PROTEINS DURING AGING IN HUMANS. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2011, 155, 39-42.	0.6	25
117	BIOMARKERS OF OXIDATIVE STRESS IN RED BLOOD CELLS. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2011, 155, 131-136.	0.6	138
118	L-Cysteine influx in type 2 diabetic erythrocytes. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2010, 4, 205-208.	0.4	0
119	Protection of protein carbonyl formation by quercetin in erythrocytes subjected to oxidative stress. Medicinal Chemistry Research, 2010, 19, 186-192.	2.4	18
120	Erythrocyte plasma membrane redox system in first degree relatives of type 2 diabetic patients. International Journal of Diabetes Mellitus, 2010, 2, 119-121.	0.6	44
121	Protein oxidation biomarkers in plasma of type 2 diabetic patients. Clinical Biochemistry, 2010, 43, 508-511.	1.9	106
122	Protective effect of resveratrol on markers of oxidative stress in human erythrocytes subjected to in vitro oxidative insult. Phytotherapy Research, 2010, 24, S11-4.	5.8	62
123	Markers of Oxidative Stress in Erythrocytes and Plasma During Aging in Humans. Oxidative Medicine and Cellular Longevity, 2010, 3, 2-12.	4.0	335
124	Plasma Protein Oxidation and Its Correlation with Antioxidant Potential During Human Aging. Disease Markers, 2010, 29, 31-36.	1.3	60
125	Resveratrol may protect plasma proteins from oxidation under conditions of oxidative stress in vitro. Journal of the Brazilian Chemical Society, 2010, 21, 909-913.	0.6	29
126	Activation of the erythrocyte plasma membrane redox system by resveratrol: a possible mechanism for antioxidant properties. Pharmacological Reports, 2010, 62, 726-732.	3.3	58

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127	Activation of Erythrocyte Plasma Membrane Redox System Provides a Useful Method to Evaluate Antioxidant Potential of Plant Polyphenols. Methods in Molecular Biology, 2010, 594, 341-348.	0.9	24
128	Plasma protein oxidation and its correlation with antioxidant potential during human aging. Disease Markers, 2010, 29, 31-6.	1.3	31
129	Current Perspectives on Anti-Aging Interventions. Letters in Drug Design and Discovery, 2010, 7, 379-388.	0.7	0
130	Protective Role of Myricetin on Markers of Oxidative Stress in Human Erythrocytes Subjected to Oxidative Stress. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	24
131	Ascorbate Recycling by Erythrocytes During Aging in Humans. Rejuvenation Research, 2009, 12, 3-6.	1.8	62
132	Myricetin May Provide Protection against Oxidative Stress in Type 2 Diabetic Erythrocytes. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 626-630.	1.4	38
133	Effect of tea catechins on erythrocyte Ca++-pump in type 2 diabetes mellitus. Pharmaceutical Biology, 2009, 47, 440-443.	2.9	2
134	ANTI-OXIDANT EFFECT OF QUERCETIN ON TYPE 2 DIABETIC ERYTHROCYTES. Journal of Food Biochemistry, 2009, 33, 404-415.	2.9	25
135	Protective role of tea catechins on erythrocytes subjected to oxidative stress during human aging. Natural Product Research, 2009, 23, 1072-1079.	1.8	77
136	Protective effect of resveratrol on formation of membrane protein carbonyls and lipid peroxidation in erythrocytes subjected to oxidative stress. Applied Physiology, Nutrition and Metabolism, 2009, 34, 1093-1097.	1.9	50
137	Plant Polyphenols as Dietary Antioxidants in Human Health and Disease. Oxidative Medicine and Cellular Longevity, 2009, 2, 270-278.	4.0	3,187
138	AGE-DEPENDENT DECLINE IN ERYTHROCYTE ACETYLCHOLINESTERASE ACTIVITY: CORRELATION WITH OXIDATIVE STRESS. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2009, 153, 195-198.	0.6	36
139	L-Cysteine Influx in Erythrocytes as a Function of Human Age. Rejuvenation Research, 2008, 11, 661-665.	1.8	33
140	Markers of Oxidative Stress in Erythrocytes during Aging in Humans. Annals of the New York Academy of Sciences, 2007, 1100, 373-382.	3.8	145
141	Alterations in Antioxidant Enzymes During Aging in Humans. Molecular Biotechnology, 2007, 37, 58-61.	2.4	92
142	Erythrocyte Plasma Membrane Redox System in Human Aging. Rejuvenation Research, 2006, 9, 470-474.	1.8	120
143	Protection of lipid peroxidation and carbonyl formation in proteins by capsaicin in human erythrocytes subjected to oxidative stress. Phytotherapy Research, 2006, 20, 303-306.	5.8	142
144	Protective role of tea catechins against oxidation-induced damage of type 2 diabetic erythrocytes. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 70-75.	1.9	97

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145	Impairment of sodium pump and Na/H exchanger in erythrocytes from non-insulin dependent diabetes mellitus patients: effect of tea catechins. Clinica Chimica Acta, 2005, 354, 59-67.	1.1	43
146	Capsaicin-induced activation of erythrocyte membrane sodium/potassium and calcium adenosine triphosphatases. Cellular and Molecular Biology Letters, 2003, 8, 919-25.	7.0	10
147	Insulin-Like Effect Of (-)Epicatechin On Erythrocyte Membrane Acetylcholinesterase Activity In Type 2 Diabetes Mellitus. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 776-778.	1.9	42
148	ERYTHROCYTE SODIUM/HYDROGEN EXCHANGE INHIBITION BY (â˜') EPICATECHIN. Cell Biology International, 2001, 25, 771-776.	3.0	27