

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	Plant Polyphenols as Dietary Antioxidants in Human Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 270-278.	4.0	3,187
2	Markers of Oxidative Stress in Erythrocytes and Plasma During Aging in Humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 2-12.	4.0	335
3	Markers of Oxidative Stress during Diabetes Mellitus. <i>Journal of Biomarkers</i> , 2013, 2013, 1-8.	1.0	313
4	Markers of Oxidative Stress in Erythrocytes during Aging in Humans. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 373-382.	3.8	145
5	Neuroprotection Through Rapamycin-Induced Activation of Autophagy and PI3K/Akt1/mTOR/CREB Signaling Against Amyloid- β -Induced Oxidative Stress, Synaptic/Neurotransmission Dysfunction, and Neurodegeneration in Adult Rats. <i>Molecular Neurobiology</i> , 2017, 54, 5815-5828.	4.0	144
6	Protection of lipid peroxidation and carbonyl formation in proteins by capsaicin in human erythrocytes subjected to oxidative stress. <i>Phytotherapy Research</i> , 2006, 20, 303-306.	5.8	142
7	BIOMARKERS OF OXIDATIVE STRESS IN RED BLOOD CELLS. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2011, 155, 131-136.	0.6	138
8	Erythrocyte Plasma Membrane Redox System in Human Aging. <i>Rejuvenation Research</i> , 2006, 9, 470-474.	1.8	120
9	Protein oxidation biomarkers in plasma of type 2 diabetic patients. <i>Clinical Biochemistry</i> , 2010, 43, 508-511.	1.9	106
10	Protective role of tea catechins against oxidation-induced damage of type 2 diabetic erythrocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 70-75.	1.9	97
11	Fisetin as a caloric restriction mimetic protects rat brain against aging induced oxidative stress, apoptosis and neurodegeneration. <i>Life Sciences</i> , 2018, 193, 171-179.	4.3	93
12	Alterations in Antioxidant Enzymes During Aging in Humans. <i>Molecular Biotechnology</i> , 2007, 37, 58-61.	2.4	92
13	Antiaging Effect of Metformin on Brain in Naturally Aged and Accelerated Senescence Model of Rat. <i>Rejuvenation Research</i> , 2017, 20, 173-182.	1.8	90
14	Traditional Indian Medicines Used for the Management of Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-11.	2.3	80
15	Protective role of tea catechins on erythrocytes subjected to oxidative stress during human aging. <i>Natural Product Research</i> , 2009, 23, 1072-1079.	1.8	77
16	Ascorbate Recycling by Erythrocytes During Aging in Humans. <i>Rejuvenation Research</i> , 2009, 12, 3-6.	1.8	62
17	Protective effect of resveratrol on markers of oxidative stress in human erythrocytes subjected to <i>in vitro</i> oxidative insult. <i>Phytotherapy Research</i> , 2010, 24, S11-4.	5.8	62
18	Plasma Protein Oxidation and Its Correlation with Antioxidant Potential During Human Aging. <i>Disease Markers</i> , 2010, 29, 31-36.	1.3	60

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19	Activation of the erythrocyte plasma membrane redox system by resveratrol: a possible mechanism for antioxidant properties. <i>Pharmacological Reports</i> , 2010, 62, 726-732.	3.3	58
20	Novel strategies for anti-aging drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 955-966.	5.0	56
21	Protective effect of resveratrol on formation of membrane protein carbonyls and lipid peroxidation in erythrocytes subjected to oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 1093-1097.	1.9	50
22	Erythrocyte Sialic Acid Content during Aging in Humans: Correlation with Markers of Oxidative Stress. <i>Disease Markers</i> , 2012, 32, 179-186.	1.3	48
23	Metformin Alleviates Altered Erythrocyte Redox Status During Aging in Rats. <i>Rejuvenation Research</i> , 2017, 20, 15-24.	1.8	47
24	Erythrocyte plasma membrane redox system in first degree relatives of type 2 diabetic patients. <i>International Journal of Diabetes Mellitus</i> , 2010, 2, 119-121.	0.6	44
25	Autophagy Activation Alleviates Amyloid- β -Induced Oxidative Stress, Apoptosis and Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2017, 32, 351-361.	2.7	44
26	Impairment of sodium pump and Na/H exchanger in erythrocytes from non-insulin dependent diabetes mellitus patients: effect of tea catechins. <i>Clinica Chimica Acta</i> , 2005, 354, 59-67.	1.1	43
27	Insulin-Like Effect Of (-)Epicatechin On Erythrocyte Membrane Acetylcholinesterase Activity In Type 2 Diabetes Mellitus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 776-778.	1.9	42
28	Resveratrol Up-Regulates the Erythrocyte Plasma Membrane Redox System and Mitigates Oxidation-Induced Alterations in Erythrocytes During Aging in Humans. <i>Rejuvenation Research</i> , 2013, 16, 232-240.	1.8	42
29	Efficacy of Composite Extract from Leaves and Fruits of Medicinal Plants Used in Traditional Diabetic Therapy against Oxidative Stress in Alloxan-Induced Diabetic Rats. <i>ISRN Pharmacology</i> , 2014, 2014, 1-7.	1.6	42
30	Rapamycin alleviates oxidative stress-induced damage in rat erythrocytes. <i>Biochemistry and Cell Biology</i> , 2016, 94, 471-479.	2.0	41
31	Anti-oxidative action of resveratrol: Implications for human health. <i>Arabian Journal of Chemistry</i> , 2011, 4, 293-298.	4.9	39
32	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 β (GSK-3 β). <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1996-2017.	2.9	39
33	Myricetin May Provide Protection against Oxidative Stress in Type 2 Diabetic Erythrocytes. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 626-630.	1.4	38
34	Markers of Oxidative Stress in Senescent Erythrocytes Obtained from Young and Old Age Rats. <i>Rejuvenation Research</i> , 2014, 17, 446-452.	1.8	38
35	Role of red grape polyphenols as antidiabetic agents. <i>Integrative Medicine Research</i> , 2014, 3, 119-125.	1.8	37
36	Onion extract (<i>Allium cepa</i> L.), quercetin and catechin up-regulate paraoxonase 1 activity with concomitant protection against low-density lipoprotein oxidation in male Wistar rats subjected to oxidative stress. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2752-2757.	3.5	36

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37	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
38	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
39	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
40	Progress in the Development and Applicability of Potential Medicinal Plant Extract́Conjugated Polymeric Constructs for Wound Healing and Tissue Regeneration. Phytotherapy Research, 2016, 30, 1895-1904.	5.8	34
41	L-Cysteine Influx in Erythrocytes as a Function of Human Age. Rejuvenation Research, 2008, 11, 661-665.	1.8	33
42	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
43	Plasma protein oxidation and its correlation with antioxidant potential during human aging. Disease Markers, 2010, 29, 31-6.	1.3	31
44	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
45	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
46	Protective Effect of Theaflavin on Erythrocytes Subjected to<i>In Vitro</i>Oxidative Stress. Biochemistry Research International, 2013, 2013, 1-7.	3.3	28
47	ERYTHROCYTE SODIUM/HYDROGEN EXCHANGE INHIBITION BY (¬) EPICATECHIN. Cell Biology International, 2001, 25, 771-776.	3.0	27
48	The modulation of erythrocyte Na ⁺ /K ⁺ -ATPase activity by curcumin. Journal of Advanced Research, 2015, 6, 1023-1030.	9.5	26
49	ANTI-OXIDANT EFFECT OF QUERCETIN ON TYPE 2 DIABETIC ERYTHROCYTES. Journal of Food Biochemistry, 2009, 33, 404-415.	2.9	25
50	Erythrocyte plasma membrane redox system may determine maximum life span. Medical Hypotheses, 2011, 76, 547-549.	1.5	25
51	Strategies for the discovery of anti-aging compounds. Expert Opinion on Drug Discovery, 2011, 6, 89-102.	5.0	25
52	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
53	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
54	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

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55	Pomegranate (<i>Punica granatum</i>) peel extract provides protection against mercuric chloride-induced oxidative stress in Wistar strain rats. <i>Pharmaceutical Biology</i> , 2013, 51, 441-446.	2.9	24
56	Activation of Erythrocyte Plasma Membrane Redox System Provides a Useful Method to Evaluate Antioxidant Potential of Plant Polyphenols. <i>Methods in Molecular Biology</i> , 2010, 594, 341-348.	0.9	24
57	Erythrocyte membrane bound and plasma sialic acid during aging. <i>Biologia (Poland)</i> , 2013, 68, 762-765.	1.5	23
58	Ferric Reducing and Radical Scavenging Activities of Selected Important Polyphenols Present In Foods. <i>International Journal of Food Properties</i> , 2012, 15, 702-708.	3.0	22
59	<i>N</i> -acetyl-L-cysteine attenuates oxidative damage and neurodegeneration in rat brain during aging. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 1189-1196.	1.4	22
60	Capsaicin has potent anti-oxidative effects <i>in vivo</i> through a mechanism which is non-receptor mediated. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 141-147.	2.1	22
61	Protective Effect of <i>Abelmoschus esculentus</i> Against Alloxan-induced Diabetes in Wistar Strain Rats. <i>Journal of Dietary Supplements</i> , 2016, 13, 634-646.	2.6	21
62	Erythrocyte senescence and membrane transporters in young and old rats. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 228-234.	2.1	21
63	Whey protein concentrate supplementation protects rat brain against aging-induced oxidative stress and neurodegeneration. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 437-444.	1.9	21
64	Metformin ameliorates acetaminophen-induced sub-acute toxicity via antioxidant property. <i>Drug and Chemical Toxicology</i> , 2022, 45, 52-60.	2.3	20
65	Concentration Dependent Effect of $\hat{\epsilon}$ -Epicatechin on $\text{Na}^+/\text{K}^+ \text{ATPase}$ and $\text{Ca}^{2+} \text{ATPase}$ Inhibition Induced by Free Radicals in Hypertensive Patients: Comparison with $\hat{\epsilon}$ -ascorbic Acid. <i>Phytotherapy Research</i> , 2012, 26, 1644-1647.	5.8	19
66	N,N-Dimethyl-p-phenylenediamine dihydrochloride-based method for the measurement of plasma oxidative capacity during human aging. <i>Analytical Biochemistry</i> , 2013, 436, 165-167.	2.4	19
67	A critical period in lifespan of male rats coincides with increased oxidative stress. <i>Archives of Gerontology and Geriatrics</i> , 2014, 58, 427-433.	3.0	19
68	Rapamycin mitigates erythrocyte membrane transport functions and oxidative stress during aging in rats. <i>Archives of Physiology and Biochemistry</i> , 2018, 124, 45-53.	2.1	19
69	Glycolytic Inhibitor 2-Deoxy-D-Glucose at Chronic Low Dose Mimics Calorie Restriction in Rats Through Mitohormetic Induction of Reactive Oxygen Species. <i>Rejuvenation Research</i> , 2019, 22, 377-384.	1.8	19
70	Protection of protein carbonyl formation by quercetin in erythrocytes subjected to oxidative stress. <i>Medicinal Chemistry Research</i> , 2010, 19, 186-192.	2.4	18
71	Age-Dependent Paraoxonase 1 (PON1) Activity and LDL Oxidation in Wistar Rats during Their Entire Lifespan. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	2.1	18
72	Black tea extract improves anti-oxidant profile in experimental diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 109-115.	2.1	18

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73	Fisetin, a potential caloric restriction mimetic, attenuates senescence biomarkers in rat erythrocytes. <i>Biochemistry and Cell Biology</i> , 2019, 97, 480-487.	2.0	18
74	Plant polyphenols as electron donors for erythrocyte plasma membrane redox system: validation through in silico approach. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 12.	2.0	17
75	Synergistic Effect of Rapamycin and Metformin Against Age-Dependent Oxidative Stress in Rat Erythrocytes. <i>Rejuvenation Research</i> , 2017, 20, 420-429.	1.8	17
76	Fisetin, a potential caloric restriction mimetic, modulates ionic homeostasis in senescence induced and naturally aged rats. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 51-58.	2.1	17
77	Red onion extract (<i>Allium cepa</i> L.) supplementation improves redox balance in oxidatively stressed rats. <i>Food Science and Human Wellness</i> , 2013, 2, 99-104.	4.9	16
78	Erythrocyte membrane transporters during human ageing: Modulatory role of tea catechins. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 83-89.	1.9	16
79	Antidiabetic potential of some less commonly used plants in traditional medicinal systems of India and Africa. <i>Journal of Intercultural Ethnopharmacology</i> , 2015, 4, 78.	0.9	16
80	Erythrocyte sialic acid content during aging in humans: correlation with markers of oxidative stress. <i>Disease Markers</i> , 2012, 32, 179-86.	1.3	16
81	Recent Advances in Health Promoting Effect of Dietary Polyphenols. <i>Current Nutrition and Food Science</i> , 2012, 8, 254-264.	0.6	15
82	Circadian modulation of human erythrocyte plasma membrane redox system by melatonin. <i>Neuroscience Letters</i> , 2012, 518, 32-35.	2.1	15
83	Efficacy of Herbal Drugs in Human Diseases and Disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-2.	1.2	15
84	Redox homeostasis in a rodent model of circadian disruption: Effect of melatonin supplementation. <i>General and Comparative Endocrinology</i> , 2019, 280, 97-103.	1.8	15
85	Metformin protects red blood cells against rotenone induced oxidative stress and cytotoxicity. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 102-111.	2.1	14
86	Plasma Protein Hydroperoxides During Aging in Humans: Correlation with Paraoxonase 1 (PON1) Arylesterase Activity and Plasma Total Thiols. <i>Archives of Medical Research</i> , 2013, 44, 136-141.	3.3	13
87	Upregulation of erythrocyte ascorbate free radical reductase by tea catechins: Correlation with their antioxidant properties. <i>Food Research International</i> , 2012, 46, 46-49.	6.2	12
88	Traditional Medicine in Management of Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-1.	2.3	12
89	Plasma paraoxonase 1 arylesterase activity in d-galactose-induced aged rat model: correlation with LDL oxidation and redox status. <i>Aging Clinical and Experimental Research</i> , 2014, 26, 261-267.	2.9	12
90	Modulation of Erythrocyte Plasma Membrane Redox System Activity by Curcumin. <i>Biochemistry Research International</i> , 2016, 2016, 1-8.	3.3	12

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91	Redox imbalance in a model of rat mimicking Hutchinson-Gilford progeria syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 361-367.	2.1	12
92	Anti Oxidative Effect of Black Tea Theaflavin on Erythrocytes Subjected to Oxidative Stress. <i>The National Academy of Sciences, India</i> , 2015, 38, 25-28.	1.3	11
93	Ameliorative Effects of Testosterone Administration on Renal Redox Homeostasis in Naturally Aged Rats. <i>Rejuvenation Research</i> , 2015, 18, 299-312.	1.8	10
94	Time restricted feeding provides a viable alternative to alternate day fasting when evaluated in terms of redox homeostasis in rats. <i>Archives of Gerontology and Geriatrics</i> , 2020, 91, 104188.	3.0	10
95	Age-dependent altered redox homeostasis in the chronodisrupted rat model and moderation by melatonin administration. <i>Chronobiology International</i> , 2020, 37, 1517-1527.	2.0	10
96	Plasma from Young Rats Injected into Old Rats Induce Antiaging Effects. <i>Rejuvenation Research</i> , 2021, 24, 206-212.	1.8	10
97	Capsaicin-induced activation of erythrocyte membrane sodium/potassium and calcium adenosine triphosphatases. <i>Cellular and Molecular Biology Letters</i> , 2003, 8, 919-25.	7.0	10
98	Protective effect of hesperidin in Poloxamer-407 induced hyperlipidemic experimental rats. <i>Biologia Futura</i> , 2021, 72, 201-210.	1.4	9
99	Invertebrate and vertebrate models in aging research. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2019, 163, 114-121.	0.6	9
100	Resveratrol in vitro ameliorates tert-butyl hydroperoxide-induced alterations in erythrocyte membranes from young and older humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 1093-1097.	1.9	8
101	2-Deoxy- ¹⁴ C-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. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104133.	3.0	8
102	Melatonin exerts neuroprotection in a chronodisrupted rat model through reduction in oxidative stress and modulation of autophagy. <i>Chronobiology International</i> , 2022, 39, 45-56.	2.0	8
103	Black tea supplementation augments redox balance in rats: relevance to aging. <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 212-218.	2.1	7
104	3-Bromopyruvate elevates ROS and induces hormesis to exert a caloric restriction mimetic effect in young and old rats. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-8.	2.1	7
105	Glucosamine Displays a Potent Caloric Restriction Mimetic Effect in Senescent Rats by Activating Mitohormosis. <i>Rejuvenation Research</i> , 2021, 24, 220-226.	1.8	7
106	Variation of Antioxidant Capacity in Different Layers of Onion (<i>Allium cepa</i> L.) At Two Different Stages of Maturation. <i>Current Nutrition and Food Science</i> , 2012, 8, 126-130.	0.6	7
107	Anti-Oxidative Effect of Curcumin Against Tert-Butylhydroperoxide Induced Oxidative Stress in Human Erythrocytes. <i>Natural Products Journal</i> , 2012, 2, 69-73.	0.3	6
108	Whey protein concentrate supplementation protects erythrocyte membrane from aging-induced alterations in rats. <i>Journal of Food Biochemistry</i> , 2018, 42, e12679.	2.9	6

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109	Erythrocyte Senescence in a Model of Rat Displaying Hutchinson-Gilford Progeria Syndrome. Analytical Cellular Pathology, 2018, 2018, 1-10.	1.4	6
110	Age-dependent effect of continuous artificial light at night™ on circadian rhythm in male rats: neuroprotective role of melatonin. Biogerontology, 2021, 22, 531-545.	3.9	6
111	Curcumin Activates Erythrocyte Membrane Acetylcholinesterase. Letters in Drug Design and Discovery, 2013, 10, 550-556.	0.7	6
112	Antiaging effects of intermittent fasting: a potential alternative to calorie restriction?. Biologia (Poland), 2021, 76, 2329-2336.	1.5	5
113	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
114	(âˆ“)Epicatechin<i>in vitro</i> ameliorates erythrocyte protein carbonyl content in hypertensive patients: comparison with L-ascorbic acid. Archives of Physiology and Biochemistry, 2016, 122, 155-160.	2.1	4
115	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
116	Baicalein maintains redox balance in experimental hyperlipidemic rats. Archives of Physiology and Biochemistry, 2020, , 1-9.	2.1	4
117	Melatonin protects against membrane alterations affected by artificial light at night™ in a circadian-disrupted model of rat. Biological Rhythm Research, 2020, , 1-12.	0.9	4
118	Euglena tuba extract provides protection against lipopolysaccharide-induced inflammatory response and oxidative stress in mice. Biologia (Poland), 2021, 76, 793-798.	1.5	4
119	Promising drug discovery strategies for sirtuin modulators: what lessons have we learnt?. Expert Opinion on Drug Discovery, 2021, 16, 1-13.	5.0	4
120	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
121	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
122	Modulation Effects of Curcumin on Erythrocyte Ion-Transporter Activity. International Journal of Cell Biology, 2015, 2015, 1-8.	2.5	3
123	Redox Biology of Aging: Focus on Novel Biomarkers. , 2015, , 279-290.		3
124	Chitosan Displays a Potent Caloric Restriction Mimetic Effect in Senescent Rats. Rejuvenation Research, 2021, 24, 390-396.	1.8	3
125	Plant Polyphenols in Healthcare and Aging. , 2017, , 267-282.		3
126	Melatonin stabilizes age-dependent alterations in erythrocyte membrane induced by artificial light at night™ in a chronodisrupted model of rat. General and Comparative Endocrinology, 2022, 316, 113960.	1.8	3

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127	Hormetic Effect of 3-Bromopyruvate on Age-Induced Alterations in Erythrocyte Membrane Transporters and Oxidative Biomarkers in Rats. <i>Rejuvenation Research</i> , 2022, 25, 122-128.	1.8	3
128	Effect of tea catechins on erythrocyte Ca ⁺⁺ -pump in type 2 diabetes mellitus. <i>Pharmaceutical Biology</i> , 2009, 47, 440-443.	2.9	2
129	Black Tea Supplementation Improves Antioxidant Status in Rats Subjected to Oxidative Stress. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 347-354.	1.4	2
130	Piperine protects oxidative modifications in human erythrocytes. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2022, 33, 163-167.	1.3	2
131	Curcumin has Protective Effects on ROS Production and Redox Imbalance in an Experimental Oxidative-Stressed Model of Rat. <i>Journal of Biologically Active Products From Nature</i> , 2020, 10, 484-494.	0.3	2
132	Protein Content in Silken Webs of Cellar Spiders (Family-Pholcidae): Effect of Habitat and Senescence. <i>The National Academy of Sciences, India</i> , 2017, 40, 315-318.	1.3	1
133	Inhibition of mTOR Signalling: A Potential Anti-aging Drug Strategy. , 2018, , 151-160.		1
134	Redox modulating effects of grape juice during aging. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	1.3	1
135	Whey protein concentrate protects against age-dependent alteration in redox biomarkers. <i>Biologia Futura</i> , 2020, 71, 273-281.	1.4	1
136	The Zugzwang Hypothesis: Why Human Lifespan Cannot Be Increased. <i>Gerontology</i> , 2021, 67, 1-3.	2.8	1
137	The Antioxidant Efficacy of Wheatgrass (<i>Triticum Aestivum</i>) on Mercuric Chloride (HgCl ₂) - Induced Oxidative Stress in Rat Model. <i>Current Research in Nutrition and Food Science</i> , 2021, 9, 450-464.	0.8	1
138	Erythrocyte as a Cellular Model of Aging Research. , 2019, , 27-27.		1
139	Black tea supplementation improves antioxidant status in rats subjected to oxidative stress. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 347-54.	1.4	1
140	Baicalein may act as a caloric restriction mimetic candidate to improve the anti-oxidant profile in a natural rodent model of aging. <i>Rejuvenation Research</i> , 2022, , .	1.8	1
141	L-Cysteine influx in type 2 diabetic erythrocytes. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2010, 4, 205-208.	0.4	0
142	Protective effects of bioconjugates of curcumin with nicotinic and picolinic acids on markers of oxidative stress in human erythrocytes. <i>Biologia (Poland)</i> , 2015, 70, 703-708.	1.5	0
143	Activation of Plasma Membrane Redox System: A Novel Antiaging Strategy. , 2018, , 297-304.		0
144	Autophagy Induction: A Promising Antiaging Strategy. , 2018, , 161-174.		0

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145	Potential Therapeutic Impacts of Curcumin Against Age-Related Impaired Cognition and Memory. , 2019, , 247-255.		0
146	Current Perspectives on Anti-Aging Interventions. Letters in Drug Design and Discovery, 2010, 7, 379-388.	0.7	0
147	Characteristics of Healthy Blood. Healthy Ageing and Longevity, 2020, , 179-197.	0.2	0
148	Ufuk Ađakatay (editor): Redox Signaling and Biomarkers in Ageing. Biogerontology, 2022, , 1.	3.9	0