Kanti Bhooshan Pandey

List of Publications by Year
in descending order

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43 papers	4,863 citations	331670 21 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	8709 citing authors

#	Article	IF	Citations
1	Plant Polyphenols as Dietary Antioxidants in Human Health and Disease. Oxidative Medicine and Cellular Longevity, 2009, 2, 270-278.	4.0	3,187
2	Markers of Oxidative Stress in Erythrocytes and Plasma During Aging in Humans. Oxidative Medicine and Cellular Longevity, 2010, 3, 2-12.	4.0	335
3	Markers of Oxidative Stress during Diabetes Mellitus. Journal of Biomarkers, 2013, 2013, 1-8.	1.0	313
4	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
5	Protein oxidation biomarkers in plasma of type 2 diabetic patients. Clinical Biochemistry, 2010, 43, 508-511.	1.9	106
6	Ascorbate Recycling by Erythrocytes During Aging in Humans. Rejuvenation Research, 2009, 12, 3-6.	1.8	62
7	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
8	Plasma Protein Oxidation and Its Correlation with Antioxidant Potential During Human Aging. Disease Markers, 2010, 29, 31-36.	1.3	60
9	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
10	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
11	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
12	Anti-oxidative action of resveratrol: Implications for human health. Arabian Journal of Chemistry, 2011, 4, 293-298.	4.9	39
13	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
14	Role of red grape polyphenols as antidiabetic agents. Integrative Medicine Research, 2014, 3, 119-125.	1.8	37
15	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
16	Plasma protein oxidation and its correlation with antioxidant potential during human aging. Disease Markers, 2010, 29, 31-6.	1.3	31
17	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
18	Protective role of myricetin on markers of oxidative stress in human erythrocytes subjected to oxidative stress. Natural Product Communications, 2009, 4, 221-6.	0.5	29

#	Article	IF	Citations
19	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
20	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
21	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
22	Erythrocyte senescence and membrane transporters in young and old rats. Archives of Physiology and Biochemistry, 2016, 122, 228-234.	2.1	21
23	Protection of protein carbonyl formation by quercetin in erythrocytes subjected to oxidative stress. Medicinal Chemistry Research, 2010, 19, 186-192.	2.4	18
24	Erythrocyte membrane transporters during human ageing: Modulatory role of tea catechins. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 83-89.	1.9	16
25	Recent Advances in Health Promoting Effect of Dietary Polyphenols. Current Nutrition and Food Science, 2012, 8, 254-264.	0.6	15
26	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
27	Curcumin: the Yellow Molecule with Pleiotropic Biological Effects. Letters in Drug Design and Discovery, 2015, 13, 170-177.	0.7	12
28	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
29	Compromised Renal and Hepatic Functions and Unsteady Cellular Redox State during Preeclampsia and Gestational Diabetes Mellitus. Archives of Medical Research, 2021, 52, 635-640.	3.3	7
30	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
31	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
32	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
33	Redox Biology of Aging: Focus on Novel Biomarkers. , 2015, , 279-290.		3
34	Plant Polyphenols in Healthcare and Aging. , 2017, , 267-282.		3
35	Ferric reducing, antiradical and beta-carotene bleaching activities of nicotinic acid and picolinic acid bioconjugates of curcumin. Natural Product Communications, 2011, 6, 1877-80.	0.5	3
36	Mediterranean Diet and Its Impact on Cognitive Functions in Aging. , 2018, , 157-170.		2

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37	Plant-Mediated Synthesis, Applications, and Challenges of Magnetic Nanostructures. Nanotechnology in the Life Sciences, 2019, , 33-47.	0.6	2
38	Piperine protects oxidative modifications in human erythrocytes. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 163-167.	1.3	2
39	Dietary Polyphenols in the Intervention of Gestational Diabetes. Current Traditional Medicine, 2021, 7, .	0.4	2
40	Applications of Fungal Nanobiotechnology in Drug Development. , 2018, , 273-286.		1
41	Role of Natural Polyphenols in Oxidative Stress: Prevention of Diabetes. , 2020, , 103-118.		1
42	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
43	Activation of Plasma Membrane Redox System: A Novel Antiaging Strategy. , 2018, , 297-304.		0