

Parames C Sil

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198
papers

9,240
citations

57
h-index

85
g-index

205
ext. papers

10,721
ext. citations

4.8
avg, IF

6.79
L-index

#	Paper	IF	Citations
198	Oxidative stress: the mitochondria-dependent and mitochondria-independent pathways of apoptosis. <i>Archives of Toxicology</i> , 2013 , 87, 1157-80	5.8	918
197	The beneficial role of curcumin on inflammation, diabetes and neurodegenerative disease: A recent update. <i>Food and Chemical Toxicology</i> , 2015 , 83, 111-24	4.7	301
196	Taurine protects rat testes against NaAsO ₂ -induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways. <i>Toxicology Letters</i> , 2009 , 187, 201-10	4.4	169
195	Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid. <i>Archives of Toxicology</i> , 2008 , 82, 137-49	5.8	153
194	Taurine suppresses doxorubicin-triggered oxidative stress and cardiac apoptosis in rat via up-regulation of PI3-K/Akt and inhibition of p53, p38-JNK. <i>Biochemical Pharmacology</i> , 2011 , 81, 891-909 ⁶		151
193	Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF-kappa B, p38 and JNK MAPK pathway. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 73-87	4.6	144
192	Contribution of type 1 diabetes to rat liver dysfunction and cellular damage via activation of NOS, PARP, IkappaBalpha/NF-kappaB, MAPKs, and mitochondria-dependent pathways: Prophylactic role of arjunolic acid. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1465-84	7.8	135
191	Mangiferin exerts hepatoprotective activity against D-galactosamine induced acute toxicity and oxidative/nitrosative stress via Nrf2-NFB pathways. <i>Toxicology and Applied Pharmacology</i> , 2012 , 260, 35-47	4.6	126
190	The protective role of arjunolic acid against doxorubicin induced intracellular ROS dependent JNK-p38 and p53-mediated cardiac apoptosis. <i>Biomaterials</i> , 2011 , 32, 4857-66	15.6	118
189	Aqueous extract of Terminalia arjuna prevents carbon tetrachloride induced hepatic and renal disorders. <i>BMC Complementary and Alternative Medicine</i> , 2006 , 6, 33	4.7	118
188	Mangiferin attenuates diabetic nephropathy by inhibiting oxidative stress mediated signaling cascade, TNF-related and mitochondrial dependent apoptotic pathways in streptozotocin-induced diabetic rats. <i>PLoS ONE</i> , 2014 , 9, e107220	3.7	114
187	Acetaminophen induced acute liver failure via oxidative stress and JNK activation: protective role of taurine by the suppression of cytochrome P450 2E1. <i>Free Radical Research</i> , 2010 , 44, 340-55	4	112
186	Nano-copper induces oxidative stress and apoptosis in kidney via both extrinsic and intrinsic pathways. <i>Toxicology</i> , 2011 , 290, 208-17	4.4	111
185	Taurine exerts hypoglycemic effect in alloxan-induced diabetic rats, improves insulin-mediated glucose transport signaling pathway in heart and ameliorates cardiac oxidative stress and apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2012 , 258, 296-308	4.6	103
184	Taurine ameliorates alloxan-induced diabetic renal injury, oxidative stress-related signaling pathways and apoptosis in rats. <i>Amino Acids</i> , 2012 , 43, 1509-23	3.5	103
183	Taurine protects rat testes against doxorubicin-induced oxidative stress as well as p53, Fas and caspase 12-mediated apoptosis. <i>Amino Acids</i> , 2012 , 42, 1839-55	3.5	103
182	Taurine ameliorate alloxan induced oxidative stress and intrinsic apoptotic pathway in the hepatic tissue of diabetic rats. <i>Food and Chemical Toxicology</i> , 2013 , 51, 317-29	4.7	99

181	An update on oxidative stress-mediated organ pathophysiology. <i>Food and Chemical Toxicology</i> , 2013 , 62, 584-600	4.7	97
180	Taurine plays a beneficial role against cadmium-induced oxidative renal dysfunction. <i>Amino Acids</i> , 2009 , 36, 417-28	3.5	97
179	Taurine protects acetaminophen-induced oxidative damage in mice kidney through APAP urinary excretion and CYP2E1 inactivation. <i>Toxicology</i> , 2010 , 269, 24-34	4.4	94
178	Curcumin enhances recovery of pancreatic islets from cellular stress induced inflammation and apoptosis in diabetic rats. <i>Toxicology and Applied Pharmacology</i> , 2015 , 282, 297-310	4.6	91
177	Natural products: An upcoming therapeutic approach to cancer. <i>Food and Chemical Toxicology</i> , 2019 , 128, 240-255	4.7	90
176	Acetaminophen induced renal injury via oxidative stress and TNF-alpha production: therapeutic potential of arjunolic acid. <i>Toxicology</i> , 2010 , 268, 8-18	4.4	88
175	Targeted delivery of quercetin loaded mesoporous silica nanoparticles to the breast cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 2065-75	4	87
174	Perspectives of the Nrf-2 signaling pathway in cancer progression and therapy. <i>Toxicology Reports</i> , 2017 , 4, 306-318	4.8	83
173	Protective role of taurine against arsenic-induced mitochondria-dependent hepatic apoptosis via the inhibition of PKCdelta-JNK pathway. <i>PLoS ONE</i> , 2010 , 5, e12602	3.7	81
172	Arjunolic acid, a triterpenoid saponin, prevents acetaminophen (APAP)-induced liver and hepatocyte injury via the inhibition of APAP bioactivation and JNK-mediated mitochondrial protection. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 535-53	7.8	80
171	Cytoprotective effect of arjunolic acid in response to sodium fluoride mediated oxidative stress and cell death via necrotic pathway. <i>Toxicology in Vitro</i> , 2008 , 22, 1918-26	3.6	80
170	Morin protects gastric mucosa from nonsteroidal anti-inflammatory drug, indomethacin induced inflammatory damage and apoptosis by modulating NF-B pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 769-83	4	79
169	New insights into the ameliorative effects of ferulic acid in pathophysiological conditions. <i>Food and Chemical Toxicology</i> , 2017 , 103, 41-55	4.7	78
168	Protection of arsenic-induced testicular oxidative stress by arjunolic acid. <i>Redox Report</i> , 2008 , 13, 67-77	5.9	78
167	Curcumin ameliorates testicular damage in diabetic rats by suppressing cellular stress-mediated mitochondria and endoplasmic reticulum-dependent apoptotic death. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 70-82	6.9	76
166	Curcumin protects rat liver from streptozotocin-induced diabetic pathophysiology by counteracting reactive oxygen species and inhibiting the activation of p53 and MAPKs mediated stress response pathways. <i>Toxicology Reports</i> , 2015 , 2, 365-376	4.8	74
165	Targeted delivery of quercetin via pH-responsive zinc oxide nanoparticles for breast cancer therapy. <i>Materials Science and Engineering C</i> , 2019 , 100, 129-140	8.3	73
164	Effect of Kombucha, a fermented black tea in attenuating oxidative stress mediated tissue damage in alloxan induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2013 , 60, 328-40	4.7	71

163	Contribution of nano-copper particles to in vivo liver dysfunction and cellular damage: role of IB / NF-B , MAPKs and mitochondrial signal. <i>Nanotoxicology</i> , 2012 , 6, 1-21	5.3	71
162	Prophylactic role of taurine on arsenic mediated oxidative renal dysfunction via MAPKs/ NF-kappaB and mitochondria dependent pathways. <i>Free Radical Research</i> , 2009 , 43, 995-1007	4	71
161	Hepatotoxicity of di-(2-ethylhexyl)phthalate is attributed to calcium aggravation, ROS-mediated mitochondrial depolarization, and ERK/ NF-B pathway activation. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1779-91	7.8	71
160	The protein fraction of <i>Phyllanthus niruri</i> plays a protective role against acetaminophen induced hepatic disorder via its antioxidant properties. <i>Phytotherapy Research</i> , 2006 , 20, 595-601	6.7	71
159	pH-responsive and targeted delivery of curcumin via phenylboronic acid-functionalized ZnO nanoparticles for breast cancer therapy. <i>Journal of Advanced Research</i> , 2019 , 18, 161-172	13	70
158	Protective role of arjunolic acid in response to streptozotocin-induced type-I diabetes via the mitochondrial dependent and independent pathways. <i>Toxicology</i> , 2009 , 257, 53-63	4.4	69
157	D-saccharic acid 1,4-lactone protects diabetic rat kidney by ameliorating hyperglycemia-mediated oxidative stress and renal inflammatory cytokines via NF-B and PKC signaling. <i>Toxicology and Applied Pharmacology</i> , 2013 , 267, 16-29	4.6	68
156	Arjunolic acid: a new multifunctional therapeutic promise of alternative medicine. <i>Biochimie</i> , 2013 , 95, 1098-109	4.6	67
155	Ferulic Acid Protects Hyperglycemia-Induced Kidney Damage by Regulating Oxidative Insult, Inflammation and Autophagy. <i>Frontiers in Pharmacology</i> , 2019 , 10, 27	5.6	66
154	Mangiferin, a natural xanthone, protects murine liver in Pb(II) induced hepatic damage and cell death via MAP kinase, NF-B and mitochondria dependent pathways. <i>PLoS ONE</i> , 2013 , 8, e56894	3.7	66
153	Curcumin attenuates oxidative stress induced NFB mediated inflammation and endoplasmic reticulum dependent apoptosis of splenocytes in diabetes. <i>Biochemical Pharmacology</i> , 2017 , 143, 140-155	6	65
152	Protective effect of arjunolic acid against arsenic-induced oxidative stress in mouse brain. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008 , 22, 15-26	3.4	65
151	Taurine, a conditionally essential amino acid, ameliorates arsenic-induced cytotoxicity in murine hepatocytes. <i>Toxicology in Vitro</i> , 2007 , 21, 1419-28	3.6	65
150	Mangiferin: A xanthonoid with multipotent anti-inflammatory potential. <i>BioFactors</i> , 2016 , 42, 459-474	6.1	65
149	Involvement of both intrinsic and extrinsic pathways in hepatoprotection of arjunolic acid against cadmium induced acute damage in vitro. <i>Toxicology</i> , 2011 , 283, 129-39	4.4	62
148	Arsenic-induced oxidative cerebral disorders: protection by taurine. <i>Drug and Chemical Toxicology</i> , 2009 , 32, 93-102	2.3	61
147	Mechanism of the protective action of taurine in toxin and drug induced organ pathophysiology and diabetic complications: a review. <i>Food and Function</i> , 2012 , 3, 1251-64	6.1	59
146	Hepatoprotective properties of kombucha tea against TBHP-induced oxidative stress via suppression of mitochondria dependent apoptosis. <i>Pathophysiology</i> , 2011 , 18, 221-34	1.8	59

145	Protein isolate from the herb, <i>Phyllanthus niruri</i> L. (Euphorbiaceae), plays hepatoprotective role against carbon tetrachloride induced liver damage via its antioxidant properties. <i>Food and Chemical Toxicology</i> , 2007 , 45, 817-26	4.7	58
144	Taurine protects cisplatin induced cardiotoxicity by modulating inflammatory and endoplasmic reticulum stress responses. <i>BioFactors</i> , 2016 , 42, 647-664	6.1	57
143	Induction of necrosis in cadmium-induced hepatic oxidative stress and its prevention by the prophylactic properties of taurine. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009 , 23, 300-13	4.1	57
142	Arjunolic acid attenuates arsenic-induced nephrotoxicity. <i>Pathophysiology</i> , 2008 , 15, 147-56	1.8	57
141	Taurine provides antioxidant defense against NaF-induced cytotoxicity in murine hepatocytes. <i>Pathophysiology</i> , 2008 , 15, 181-90	1.8	56
140	A 43 kDa protein from the herb <i>Cajanus indicus</i> L. protects thioacetamide induced cytotoxicity in hepatocytes. <i>Toxicology in Vitro</i> , 2006 , 20, 634-40	3.6	56
139	Modulation of mercury-induced mitochondria-dependent apoptosis by glycine in hepatocytes. <i>Amino Acids</i> , 2012 , 42, 1669-83	3.5	55
138	Streptozotocin induced activation of oxidative stress responsive splenic cell signaling pathways: protective role of arjunolic acid. <i>Toxicology and Applied Pharmacology</i> , 2010 , 244, 114-29	4.6	55
137	Protection of arsenic-induced hepatic disorder by arjunolic acid. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 101, 333-8	3.1	55
136	Arjunolic acid, a triterpenoid saponin, ameliorates arsenic-induced cyto-toxicity in hepatocytes. <i>Chemico-Biological Interactions</i> , 2007 , 170, 187-200	5	55
135	The Wnt signaling pathway: a potential therapeutic target against cancer. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1443, 54-74	6.5	53
134	Cytochrome P450s: mechanisms and biological implications in drug metabolism and its interaction with oxidative stress. <i>Current Drug Metabolism</i> , 2014 , 15, 719-42	3.5	52
133	Hexavalent chromium induces apoptosis in human liver (HepG2) cells via redox imbalance. <i>Toxicology Reports</i> , 2015 , 2, 600-608	4.8	51
132	Cadmium induced testicular pathophysiology: prophylactic role of taurine. <i>Reproductive Toxicology</i> , 2008 , 26, 282-91	3.4	51
131	Mangiferin attenuates oxidative stress induced renal cell damage through activation of PI3K induced Akt and Nrf-2 mediated signaling pathways. <i>Biochemistry and Biophysics Reports</i> , 2016 , 5, 313-327 ²		50
130	Amelioration of cadmium-induced cardiac impairment by taurine. <i>Chemico-Biological Interactions</i> , 2008 , 174, 88-97	5	50
129	Aqueous extract of the bark of <i>Terminalia arjuna</i> plays a protective role against sodium-fluoride-induced hepatic and renal oxidative stress. <i>Journal of Natural Medicines</i> , 2007 , 61, 251-260	3.3	50
128	Taurine protects the antioxidant defense system in the erythrocytes of cadmium treated mice. <i>BMB Reports</i> , 2008 , 41, 657-63	5.5	50

127	Anti-oxidative effect of a protein from <i>Cajanus indicus</i> L against acetaminophen-induced hepato-nephro toxicity. <i>BMB Reports</i> , 2007 , 40, 1039-49	5.5	49
126	Deciphering the role of ferulic acid against streptozotocin-induced cellular stress in the cardiac tissue of diabetic rats. <i>Food and Chemical Toxicology</i> , 2016 , 97, 187-198	4.7	48
125	Increased protein kinase C activity in myotrophin-induced myocyte growth. <i>Circulation Research</i> , 1998 , 82, 1173-88	15.7	46
124	Prophylactic role of arjunolic acid in response to streptozotocin mediated diabetic renal injury: activation of polyol pathway and oxidative stress responsive signaling cascades. <i>Chemico-Biological Interactions</i> , 2009 , 181, 297-308	5	45
123	Atorvastatin induced hepatic oxidative stress and apoptotic damage via MAPKs, mitochondria, calpain and caspase12 dependent pathways. <i>Food and Chemical Toxicology</i> , 2015 , 83, 36-47	4.7	44
122	Targeting the crosstalks of Wnt pathway with Hedgehog and Notch for cancer therapy. <i>Pharmacological Research</i> , 2019 , 142, 251-261	10.2	44
121	Protection of acetaminophen induced mitochondrial dysfunctions and hepatic necrosis via Akt-NF-kappaB pathway: role of a novel plant protein. <i>Chemico-Biological Interactions</i> , 2009 , 177, 96-106 ⁵		43
120	Cardiac overexpression of myotrophin triggers myocardial hypertrophy and heart failure in transgenic mice. <i>Journal of Biological Chemistry</i> , 2004 , 279, 20422-34	5.4	42
119	An overview on the role of bioactive α-glucosidase inhibitors in ameliorating diabetic complications. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111738	4.7	42
118	Silymarin Protects Mouse Liver and Kidney from Thioacetamide Induced Toxicity by Scavenging Reactive Oxygen Species and Activating PI3K-Akt Pathway. <i>Frontiers in Pharmacology</i> , 2016 , 7, 481	5.6	42
117	Prophylactic role of taurine and its derivatives against diabetes mellitus and its related complications. <i>Food and Chemical Toxicology</i> , 2017 , 110, 109-121	4.7	41
116	Iron oxide nanoparticles mediated cytotoxicity via PI3K/AKT pathway: role of quercetin. <i>Food and Chemical Toxicology</i> , 2014 , 71, 106-15	4.7	41
115	D(+) galactosamine induced oxidative and nitrosative stress-mediated renal damage in rats via NF- κ B and inducible nitric oxide synthase (iNOS) pathways is ameliorated by a polyphenol xanthone, mangiferin. <i>Free Radical Research</i> , 2012 , 46, 116-32	4	41
114	A 43kD protein from the herb, <i>Cajanus indicus</i> L., protects against fluoride induced oxidative stress in mice erythrocytes. <i>Pathophysiology</i> , 2007 , 14, 47-54	1.8	41
113	Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines. <i>BioFactors</i> , 2016 , 42, 515-532	6.1	41
112	Mangiferin Ameliorates Cisplatin Induced Acute Kidney Injury by Upregulating Nrf-2 via the Activation of PI3K and Exhibits Synergistic Anticancer Activity With Cisplatin. <i>Frontiers in Pharmacology</i> , 2018 , 9, 638	5.6	40
111	Melatonin attenuates arsenic induced nephropathy via the regulation of oxidative stress and inflammatory signaling cascades in mice. <i>Food and Chemical Toxicology</i> , 2018 , 118, 303-316	4.7	40
110	Ameliorative role of ferulic acid against diabetes associated oxidative stress induced spleen damage. <i>Food and Chemical Toxicology</i> , 2018 , 118, 272-286	4.7	40

109	Protective effect of the fruits of <i>Terminalia arjuna</i> against cadmium-induced oxidant stress and hepatic cell injury via MAPK activation and mitochondria dependent pathway. <i>Food Chemistry</i> , 2010 , 123, 1062-1075	8.5	39
108	<i>Terminalia arjuna</i> protects mouse hearts against sodium fluoride-induced oxidative stress. <i>Journal of Medicinal Food</i> , 2008 , 11, 733-40	2.8	38
107	Cadmium-induced neurological disorders: prophylactic role of taurine. <i>Journal of Applied Toxicology</i> , 2008 , 28, 974-86	4.1	38
106	Tertiary butyl hydroperoxide induced oxidative damage in mice erythrocytes: Protection by taurine. <i>Pathophysiology</i> , 2012 , 19, 137-48	1.8	37
105	Hepatocytes are protected by herb <i>Phyllanthus niruri</i> protein isolate against thioacetamide toxicity. <i>Pathophysiology</i> , 2007 , 14, 113-20	1.8	36
104	Should We Try SARS-CoV-2 Helicase Inhibitors for COVID-19 Therapy?. <i>Archives of Medical Research</i> , 2020 , 51, 733-735	6.6	35
103	Prevention of tertiary butyl hydroperoxide induced oxidative impairment and cell death by a novel antioxidant protein molecule isolated from the herb, <i>Phyllanthus niruri</i> . <i>Toxicology in Vitro</i> , 2010 , 24, 1711-9	3.6	35
102	Nutraceuticals: An emerging therapeutic approach against the pathogenesis of Alzheimer's disease. <i>Pharmacological Research</i> , 2018 , 129, 100-114	10.2	35
101	Purification and characterisation of a novel antioxidant protein molecule from <i>Phyllanthus niruri</i> . <i>Food Chemistry</i> , 2009 , 114, 1405-1412	8.5	34
100	Cardiac myotrophin exhibits rel/NF-kappa B interacting activity in vitro. <i>Journal of Biological Chemistry</i> , 1996 , 271, 2812-6	5.4	34
99	Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and antibacterial properties. <i>Toxicology Reports</i> , 2019 , 6, 176-185	4.8	34
98	Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis. <i>Food and Chemical Toxicology</i> , 2019 , 126, 41-55	4.7	33
97	Herbal (<i>Phyllanthus niruri</i>) protein isolate protects liver from nimesulide induced oxidative stress. <i>Pathophysiology</i> , 2006 , 13, 95-102	1.8	33
96	Taurine ameliorates oxidative stress induced inflammation and ER stress mediated testicular damage in STZ-induced diabetic Wistar rats. <i>Food and Chemical Toxicology</i> , 2019 , 124, 64-80	4.7	33
95	Purification and characterization of a 43 kD hepatoprotective protein from the herb <i>Cajanus indicus</i> L. <i>Protein Journal</i> , 2006 , 25, 411-21	3.9	32
94	Hepatoprotective effect of aqueous extract of <i>Phyllanthus niruri</i> on nimesulide-induced oxidative stress in vivo. <i>Indian Journal of Biochemistry and Biophysics</i> , 2006 , 43, 299-305		32
93	Zinc oxide nanoparticles: A comprehensive review on its synthesis, anticancer and drug delivery applications as well as health risks. <i>Advances in Colloid and Interface Science</i> , 2020 , 286, 102317	14.3	31
92	Vitamin K1 inversely correlates with glycemia and insulin resistance in patients with type 2 diabetes (T2D) and positively regulates SIRT1/AMPK pathway of glucose metabolism in liver of T2D mice and hepatocytes cultured in high glucose. <i>Journal of Nutritional Biochemistry</i> , 2018 , 52, 103-114	6.3	31

91	Doxorubicin-induced neurotoxicity is attenuated by a 43-kD protein from the leaves of <i>Cajanus indicus</i> L. via NF- κ B and mitochondria dependent pathways. <i>Free Radical Research</i> , 2012 , 46, 785-98	4	31
90	Protective role of D-saccharic acid-1,4-lactone in alloxan induced oxidative stress in the spleen tissue of diabetic rats is mediated by suppressing mitochondria dependent apoptotic pathway. <i>Free Radical Research</i> , 2012 , 46, 240-52	4	31
89	Impaired redox signaling and mitochondrial uncoupling contributes vascular inflammation and cardiac dysfunction in type 1 diabetes: Protective role of arjunolic acid. <i>Biochimie</i> , 2012 , 94, 786-97	4.6	31
88	Ameliorative role of genistein against age-dependent chronic arsenic toxicity in murine brains via the regulation of oxidative stress and inflammatory signaling cascades. <i>Journal of Nutritional Biochemistry</i> , 2018 , 55, 26-40	6.3	30
87	Iron induces hepatocytes death via MAPK activation and mitochondria-dependent apoptotic pathway: beneficial role of glycine. <i>Free Radical Research</i> , 2012 , 46, 1296-307	4	30
86	Matrix metalloproteinase: An upcoming therapeutic approach for idiopathic pulmonary fibrosis. <i>Pharmacological Research</i> , 2020 , 152, 104591	10.2	30
85	Genistein: A Phytoestrogen with Multifaceted Therapeutic Properties. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014 , 14, 920-940	3.2	29
84	Selective Pro-Apoptotic Activity of Novel 3,3S(Aryl/Alkyl-Methylene)Bis(2-Hydroxynaphthalene-1,4-Dione) Derivatives on Human Cancer Cells via the Induction Reactive Oxygen Species. <i>PLoS ONE</i> , 2016 , 11, e0158694	3.7	28
83	Role of nanostructures in improvising oral medicine. <i>Toxicology Reports</i> , 2019 , 6, 358-368	4.8	27
82	Tumor targeted delivery of umbelliferone via a smart mesoporous silica nanoparticles controlled-release drug delivery system for increased anticancer efficiency. <i>Materials Science and Engineering C</i> , 2020 , 116, 111239	8.3	27
81	D-saccharic acid-1,4-lactone ameliorates alloxan-induced diabetes mellitus and oxidative stress in rats through inhibiting pancreatic β cells from apoptosis via mitochondrial dependent pathway. <i>Toxicology and Applied Pharmacology</i> , 2011 , 257, 272-83	4.6	27
80	Preventive and curative role of a 43kD protein from the leaves of the herb <i>Cajanus indicus</i> L on thioacetamide-induced hepatotoxicity in vivo. <i>Hepatology Research</i> , 2005 , 33, 39-49	5.1	26
79	Phytomedicinal Role of <i>Pithecellobium dulce</i> against CCl ₄ -mediated Hepatic Oxidative Impairments and Necrotic Cell Death. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 832805	2.3	25
78	Targeted delivery of curcumin in breast cancer cells via hyaluronic acid modified mesoporous silica nanoparticle to enhance anticancer efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 197, 111404	6	25
77	Cadmium (Cd ²⁺) exposure differentially elicits both cell proliferation and cell death related responses in SK-RC-45. <i>Toxicology in Vitro</i> , 2014 , 28, 307-18	3.6	23
76	Arjunolic acid: beneficial role in type 1 diabetes and its associated organ pathophysiology. <i>Free Radical Research</i> , 2012 , 46, 815-30	4	23
75	Attenuation of cadmium chloride induced cytotoxicity in murine hepatocytes by a protein isolated from the leaves of the herb <i>Cajanus indicus</i> L. <i>Archives of Toxicology</i> , 2007 , 81, 397-406	5.8	23
74	Amelioration of aspirin induced oxidative impairment and apoptotic cell death by a novel antioxidant protein molecule isolated from the herb <i>Phyllanthus niruri</i> . <i>PLoS ONE</i> , 2014 , 9, e89026	3.7	23

73	Role of sulfur containing amino acids as an adjuvant therapy in the prevention of diabetes and its associated complications. <i>Current Diabetes Reviews</i> , 2013 , 9, 237-48	2.7	23
72	Melatonin induced suppression of ER stress and mitochondrial dysfunction inhibited NLRP3 inflammasome activation in COPD mice. <i>Food and Chemical Toxicology</i> , 2020 , 144, 111588	4.7	23
71	Protective effect of arjunolic acid against atorvastatin induced hepatic and renal pathophysiology via MAPK, mitochondria and ER dependent pathways. <i>Biochimie</i> , 2015 , 112, 20-34	4.6	22
70	Protective effect of a 43 kD protein from the leaves of the herb, <i>Cajanus indicus</i> L on chloroform induced hepatic-disorder. <i>BMB Reports</i> , 2006 , 39, 197-207	5.5	22
69	Fluorescent Guar Gum--Terpolymer via In Situ Acrylamido-Acid Fluorophore-Monomer in Cell Imaging, Pb(II) Sensor, and Security Ink.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 1995-2006	4.1	21
68	Phytomedicinal activity of <i>Terminalia arjuna</i> against carbon tetrachloride induced cardiac oxidative stress. <i>Pathophysiology</i> , 2007 , 14, 71-8	1.8	21
67	Amelioration of galactosamine-induced nephrotoxicity by a protein isolated from the leaves of the herb, <i>Cajanus indicus</i> L. <i>BMC Complementary and Alternative Medicine</i> , 2007 , 7, 11	4.7	21
66	A state of the art review on the synthesis, antibacterial, antioxidant, antidiabetic and tissue regeneration activities of zinc oxide nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2021 , 295, 102495	14.3	21
65	A 35 kD <i>Phyllanthus niruri</i> protein modulates iron mediated oxidative impairment to hepatocytes via the inhibition of ERKs, p38 MAPKs and activation of PI3k/Akt pathway. <i>Food and Chemical Toxicology</i> , 2013 , 56, 119-30	4.7	20
64	Protective role of a coumarin-derived schiff base scaffold against tertiary butyl hydroperoxide (TBHP)-induced oxidative impairment and cell death via MAPKs, NF-B and mitochondria-dependent pathways. <i>Free Radical Research</i> , 2011 , 45, 620-37	4	20
63	Nanoparticles as Smart Carriers for Enhanced Cancer Immunotherapy. <i>Frontiers in Chemistry</i> , 2020 , 8, 597806	5	20
62	Fluorescent Terpolymers via In Situ Allocation of Aliphatic Fluorophore Monomers: Fe(III) Sensor, High-Performance Removals, and Bioimaging. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900980	10.1	19
61	A 43 kD protein isolated from the herb <i>Cajanus indicus</i> L attenuates sodium fluoride-induced hepatic and renal disorders in vivo. <i>BMB Reports</i> , 2007 , 40, 382-95	5.5	19
60	ROS-associated immune response and metabolism: a mechanistic approach with implication of various diseases. <i>Archives of Toxicology</i> , 2020 , 94, 2293-2317	5.8	17
59	Taurine protects murine hepatocytes against oxidative stress-induced apoptosis by tert-butyl hydroperoxide via PI3K/Akt and mitochondrial-dependent pathways. <i>Food Chemistry</i> , 2012 , 131, 1086-1096	8.5	17
58	Galactosamine-induced hepatotoxic effect and hepatoprotective role of a protein isolated from the herb <i>Cajanus indicus</i> L in vivo. <i>Journal of Biochemical and Molecular Toxicology</i> , 2007 , 21, 13-23	3.4	16
57	Protective role of <i>Phyllanthus niruri</i> against nimesulide induced hepatic damage. <i>Indian Journal of Clinical Biochemistry</i> , 2007 , 22, 109-16	2.2	16
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