Parames C Sil

List of Publications by Year in Descending Order

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-Dependent Anticancer Potentiality of Nanotherapeutic Zinc Oxide **2022**, 1-22		
197	Synthesis of green carbon dots as bioimaging agent and drug delivery system for enhanced antioxidant and antibacterial efficacy. *Inorganic Chemistry Communication*, **2022**, 139, 109317	3.1	1
196	Enhancement of anti-neoplastic effects of cuminaldehyde against breast cancer via mesoporous silica nanoparticle based targeted drug delivery system.. *Life Sciences*, **2022**, 120525	6.8	0
195	Synthesis of carbon dots from taurine as bioimaging agent and nanohybrid with ceria for antioxidant and antibacterial applications.. *Photodiagnosis and Photodynamic Therapy*, **2022**, 102861	3.5	1
194	ROS-Influenced Regulatory Cross-Talk With Wnt Signaling Pathway During Perinatal Development.. *Frontiers in Molecular Biosciences*, **2022**, 9, 889719	5.6	0
193	Synthesis of Rutin loaded nanomagnesia as a smart nanoformulation with significant antibacterial and antioxidant properties. *Inorganic Chemistry Communication*, **2022**, 109492	3.1	0
192	Fabrication of phenyl boronic acid modified pH-responsive zinc oxide nanoparticles as targeted delivery of chrysin on human A549 cells. *Toxicology Reports*, **2022**, 9, 961-969	4.8	0
191	Oxidative stress imposed in vivo anticancer therapeutic efficacy of novel imidazole-based oxidovanadium (IV) complex in solid tumor.. *Life Sciences*, **2022**, 301, 120606	6.8	0
190	Carnosic acid attenuates doxorubicin-induced cardiotoxicity by decreasing oxidative stress and its concomitant pathological consequences. *Food and Chemical Toxicology*, **2022**, 113205	4.7	1
189	Evolution of antioxidants over times (including current global market and trend) **2022**, 3-32		
188	Emerging Role of Redox-Active Nanoceria in Cancer Therapeutics via Oxidative Stress **2021**, 1-23		0
187	Diabetes: discovery of insulin, genetic, epigenetic and viral infection mediated regulation. *Nucleus (India)*, **2021**, 1-15	1.7	2
186	Nutraceuticals in neurodegenerative diseases **2021**, 249-270		2
185	Targeted delivery of curcumin in breast cancer cells via hyaluronic acid modified mesoporous silica nanoparticle to enhance anticancer efficiency. *Colloids and Surfaces B: Biointerfaces*, **2021**, 197, 111404	6	25
184	Chronic Obstructive Pulmonary Disease: Molecular Basis of Pathogenesis and Targeted Therapeutic Approaches **2021**, 163-190		
183	In vivo therapeutic evaluation of a novel bis-lawsone derivative against tumor following delivery using mesoporous silica nanoparticle based redox-responsive drug delivery system. *Materials Science and Engineering C*, **2021**, 126, 112142	8.3	6
182	A state of the art review on the synthesis, antibacterial, antioxidant, antidiabetic and tissue regeneration activities of zinc oxide nanoparticles. *Advances in Colloid and Interface Science*, **2021**, 295, 102495	14.3	21

181	Phytoestrogens as Novel Therapeutic Molecules Against Breast Cancer **2021**, 197-229		2
180	Potential Drug Strategies to Target Coronaviruses.. *Advances in Experimental Medicine and Biology*, **2021**, 1352, 111-124	3.6	
179	Zinc oxide nanoparticles: A comprehensive review on its synthesis, anticancer and drug delivery applications as well as health risks. *Advances in Colloid and Interface Science*, **2020**, 286, 102317	14.3	31
178	The regulation of intracellular redox homeostasis in cancer progression and its therapy **2020**, 105-114		0
177	Should We Try SARS-CoV-2 Helicase Inhibitors for COVID-19 Therapy?. *Archives of Medical Research*, **2020**, 51, 733-735	6.6	35
176	ROS-associated immune response and metabolism: a mechanistic approach with implication of various diseases. *Archives of Toxicology*, **2020**, 94, 2293-2317	5.8	17
175	Taurine and cardiac oxidative stress in diabetes **2020**, 361-372		1
174	Tumor targeted delivery of umbelliferone via a smart mesoporous silica nanoparticles controlled-release drug delivery system for increased anticancer efficiency. *Materials Science and Engineering C*, **2020**, 116, 111239	8.3	27
173	Fluorescent Guar Gum--Terpolymer via In Situ Acrylamido-Acid Fluorophore-Monomer in Cell Imaging, Pb(II) Sensor, and Security Ink.. *ACS Applied Bio Materials*, **2020**, 3, 1995-2006	4.1	21
172	PKC□mediated anti-proliferative effect of C2 ceramide on neutralization of the tumor microenvironment and melanoma regression. *Cancer Immunology, Immunotherapy*, **2020**, 69, 611-627	7.4	7
171	Nrf2 and Inflammation-Triggered Carcinogenesis. *Agents and Actions Supplements*, **2020**, 129-152	0.2	
170	Possible Targets and Therapies of SARS-CoV-2 Infection. *Mini-Reviews in Medicinal Chemistry*, **2020**, 20, 1900-1907	3.2	2
169	Matrix metalloproteinase: An upcoming therapeutic approach for idiopathic pulmonary fibrosis. *Pharmacological Research*, **2020**, 152, 104591	10.2	30
168	Assessment of cytotoxic and genotoxic potentials of a mononuclear Fe(II) Schiff base complex with photocatalytic activity in Trigonella. *Biochimica Et Biophysica Acta - General Subjects*, **2020**, 1864, 129503	4	5
167	Fluorescent Terpolymers Using Two Non-Emissive Monomers for Cr(III) Sensors, Removal, and Bio-Imaging. *ACS Biomaterials Science and Engineering*, **2020**, 6, 1397-1407	5.5	15
166	Melatonin induced suppression of ER stress and mitochondrial dysfunction inhibited NLRP3 inflammasome activation in COPD mice. *Food and Chemical Toxicology*, **2020**, 144, 111588	4.7	23
165	An overview on the role of bioactive □glucosidase inhibitors in ameliorating diabetic complications. *Food and Chemical Toxicology*, **2020**, 145, 111738	4.7	42
164	Nanoparticles as Smart Carriers for Enhanced Cancer Immunotherapy. *Frontiers in Chemistry*, **2020**, 8, 597806	5	20

163	May we target double-membrane vesicles and oxysterol-binding protein to combat SARS-CoV-2 infection?. *Cell Biology International*, **2020**, 44, 1770-1772	4.5	8
162	Lupeol alters viability of SK-RC-45 (Renal cell carcinoma cell line) by modulating its mitochondrial dynamics. *Heliyon*, **2019**, 5, e02107	3.6	9
161	Synthesis, crystal structure, DFT calculations, protein interaction, anticancer potential and bromoperoxidase mimicking activity of oxidoalkoxidovanadium(V) complexes. *New Journal of Chemistry*, **2019**, 43, 17783-17800	3.6	3
160	New mononuclear and binuclear oxomolybdenum(V) complexes containing NN chelator: Syntheses, DFT calculations, interaction with BSA protein and in vitro cytotoxic activity. *Journal of Inorganic Biochemistry*, **2019**, 199, 110755	4.2	4
159	Role of nanostructures in improvising oral medicine. *Toxicology Reports*, **2019**, 6, 358-368	4.8	27
158	The Wnt signaling pathway: a potential therapeutic target against cancer. *Annals of the New York Academy of Sciences*, **2019**, 1443, 54-74	6.5	53
157	pH-responsive and targeted delivery of curcumin via phenylboronic acid-functionalized ZnO nanoparticles for breast cancer therapy. *Journal of Advanced Research*, **2019**, 18, 161-172	13	70
156	Natural products: An upcoming therapeutic approach to cancer. *Food and Chemical Toxicology*, **2019** , 128, 240-255	4.7	90
155	Ferulic Acid Protects Hyperglycemia-Induced Kidney Damage by Regulating Oxidative Insult, Inflammation and Autophagy. *Frontiers in Pharmacology*, **2019**, 10, 27	5.6	66
154	Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis. *Food and Chemical Toxicology*, **2019**, 126, 41-55	4.7	33
153	Mangiferin ameliorates collateral neuropathy in tBHP induced apoptotic nephropathy by inflammation mediated kidney to brain crosstalk. *Food and Function*, **2019**, 10, 5981-5999	6.1	12
152	Anti-inflammatory efficacy of some potentially bioactive natural products against rheumatoid arthritis **2019**, 61-100		2
151	Fluorescent Terpolymers via In Situ Allocation of Aliphatic Fluorophore Monomers: Fe(III) Sensor, High-Performance Removals, and Bioimaging. *Advanced Healthcare Materials*, **2019**, 8, e1900980	10.1	19
150	Role of Oxidative Stress, Mitochondrial Dysfunction, and Autophagy in Cardiovascular Disease: Its Pathogenesis and Amelioration by Different Small Natural Molecules **2019**, 457-487		
149	Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and antibacterial properties. *Toxicology Reports*, **2019**, 6, 176-185	4.8	34
148	Targeted delivery of quercetin via pH-responsive zinc oxide nanoparticles for breast cancer therapy. *Materials Science and Engineering C*, **2019**, 100, 129-140	8.3	73
147	Targeting the crosstalks of Wnt pathway with Hedgehog and Notch for cancer therapy. *Pharmacological Research*, **2019**, 142, 251-261	10.2	44
146	Taurine ameliorates oxidative stress induced inflammation and ER stress mediated testicular damage in STZ-induced diabetic Wistar rats. *Food and Chemical Toxicology*, **2019**, 124, 64-80	4.7	33

145	Sulphur dioxide ameliorates colitis related pathophysiology and inflammation. *Toxicology*, **2019**, 412, 63-78	4.4	11
144	Ameliorative role of genistein against age-dependent chronic arsenic toxicity in murine brains via the regulation of oxidative stress and inflammatory signaling cascades. *Journal of Nutritional Biochemistry*, **2018**, 55, 26-40	6.3	30
143	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. *Journal of Nutritional Biochemistry*, **2018**, 52, 103-114	6.3	31
142	Mangiferin Ameliorates Cisplatin Induced Acute Kidney Injury by Upregulating Nrf-2 via the Activation of PI3K and Exhibits Synergistic Anticancer Activity With Cisplatin. *Frontiers in Pharmacology*, **2018**, 9, 638	5.6	40
141	Melatonin attenuates arsenic induced nephropathy via the regulation of oxidative stress and inflammatory signaling cascades in mice. *Food and Chemical Toxicology*, **2018**, 118, 303-316	4.7	40
140	Ameliorative role of ferulic acid against diabetes associated oxidative stress induced spleen damage. *Food and Chemical Toxicology*, **2018**, 118, 272-286	4.7	40
139	Nutraceuticals: An emerging therapeutic approach against the pathogenesis of Alzheimer's disease. *Pharmacological Research*, **2018**, 129, 100-114	10.2	35
138	Unfolding the mechanism of cisplatin induced pathophysiology in spleen and its amelioration by carnosine. *Chemico-Biological Interactions*, **2018**, 279, 159-170	5	16
137	Phytochemicals and Human Health **2018**, 201-226		2
136	New insights into the ameliorative effects of ferulic acid in pathophysiological conditions. *Food and Chemical Toxicology*, **2017**, 103, 41-55	4.7	78
135	A 35 kDa Phyllanthus niruri protein suppresses indomethacin mediated hepatic impairments: Its role in Hsp70, HO-1, JNKs and Ca dependent inflammatory pathways. *Food and Chemical Toxicology*, **2017**, 102, 76-92	4.7	7
134	Beneficial Upshots of Naturally Occurring Antioxidant Compounds against Neurological Disorders **2017**, 23-56		5
133	Perspectives of the Nrf-2 signaling pathway in cancer progression and therapy. *Toxicology Reports*, **2017**, 4, 306-318	4.8	83
132	New pesticides: a cutting-edge view of contributions from nanotechnology for the development of sustainable agricultural pest control **2017**, 47-79		11
131	Prophylactic role of taurine and its derivatives against diabetes mellitus and its related complications. *Food and Chemical Toxicology*, **2017**, 110, 109-121	4.7	41
130	Curcumin attenuates oxidative stress induced NFB mediated inflammation and endoplasmic reticulum dependent apoptosis of splenocytes in diabetes. *Biochemical Pharmacology*, **2017**, 143, 140-155	6	65
129	Promising Natural Cardioprotective Agents in Drug- and Toxin-Induced Pathophysiology **2017**, 47-120		
128	Beneficial Role of Antioxidant Molecules with Therapeutic Potential in Cardiac Disease **2017**, 247-276		

127	Role of Proteases in Diabetes Mellitus **2017**, 515-533		
126	Unfolding the Mechanism of Proteases in Pathophysiology of Gastrointestinal Diseases **2017**, 583-603		
125	Deciphering the role of ferulic acid against streptozotocin-induced cellular stress in the cardiac tissue of diabetic rats. *Food and Chemical Toxicology*, **2016**, 97, 187-198	4.7	48
124	Taurine protects cisplatin induced cardiotoxicity by modulating inflammatory and endoplasmic reticulum stress responses. *BioFactors*, **2016**, 42, 647-664	6.1	57
123	Mangiferin attenuates oxidative stress induced renal cell damage through activation of PI3K induced Akt and Nrf-2 mediated signaling pathways. *Biochemistry and Biophysics Reports*, **2016**, 5, 313-327	2.2	50
122	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. *PLoS ONE*, **2016**, 11, e0158694	3.7	28
121	Silymarin Protects Mouse Liver and Kidney from Thioacetamide Induced Toxicity by Scavenging Reactive Oxygen Species and Activating PI3K-Akt Pathway. *Frontiers in Pharmacology*, **2016**, 7, 481	5.6	42
120	Targeted delivery of quercetin loaded mesoporous silica nanoparticles to the breast cancer cells. *Biochimica Et Biophysica Acta - General Subjects*, **2016**, 1860, 2065-75	4	87
119	Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines. *BioFactors*, **2016**, 42, 515-532	6.1	41
118	Mangiferin: A xanthonoid with multipotent anti-inflammatory potential. *BioFactors*, **2016**, 42, 459-474	6.1	65
117	Morin and Its Role in Chronic Diseases. *Advances in Experimental Medicine and Biology*, **2016**, 928, 453-471	3.6	15
116	Natural Bioactive Molecules: Mechanism of Actions and Perspectives in Organ Pathophysiology. *Studies in Natural Products Chemistry*, **2015**, 45, 457-483	1.5	1
115	Protective effect of arjunolic acid against atorvastatin induced hepatic and renal pathophysiology via MAPK, mitochondria and ER dependent pathways. *Biochimie*, **2015**, 112, 20-34	4.6	22
114	Hexavalent chromium induces apoptosis in human liver (HepG2) cells via redox imbalance. *Toxicology Reports*, **2015**, 2, 600-608	4.8	51
113	Curcumin ameliorates testicular damage in diabetic rats by suppressing cellular stress-mediated mitochondria and endoplasmic reticulum-dependent apoptotic death. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 70-82	6.9	76
112	Beneficial Effect of Naturally Occurring Antioxidants against Oxidative Stress Mediated Organ Dysfunctions **2015**, 199-240		
111	Mechanism for Arsenic-Induced Toxic Effects **2015**, 203-231		8
110	Atorvastatin induced hepatic oxidative stress and apoptotic damage via MAPKs, mitochondria, calpain and caspase12 dependent pathways. *Food and Chemical Toxicology*, **2015**, 83, 36-47	4.7	44

109	The beneficial role of curcumin on inflammation, diabetes and neurodegenerative disease: A recent update. *Food and Chemical Toxicology*, **2015**, 83, 111-24	4.7	301
108	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. *Toxicology Reports*, **2015**, 2, 365-376	4.8	74
107	Curcumin enhances recovery of pancreatic islets from cellular stress induced inflammation and apoptosis in diabetic rats. *Toxicology and Applied Pharmacology*, **2015**, 282, 297-310	4.6	91
106	Morin protects gastric mucosa from nonsteroidal anti-inflammatory drug, indomethacin induced inflammatory damage and apoptosis by modulating NF-B pathway. *Biochimica Et Biophysica Acta - General Subjects*, **2015**, 1850, 769-83	4	79
105	Cadmium (Cd(2+)) exposure differentially elicits both cell proliferation and cell death related responses in SK-RC-45. *Toxicology in Vitro*, **2014**, 28, 307-18	3.6	23
104	Taurine attenuates nano-copper-induced oxidative hepatic damage via mitochondria-dependent and NF-B/TNF-mediated pathway. *Toxicology Research*, **2014**, 3, 474-486	2.6	10
103	Iron oxide nanoparticles mediated cytotoxicity via PI3K/AKT pathway: role of quercetin. *Food and Chemical Toxicology*, **2014**, 71, 106-15	4.7	41
102	Amelioration of aspirin induced oxidative impairment and apoptotic cell death by a novel antioxidant protein molecule isolated from the herb Phyllanthus niruri. *PLoS ONE*, **2014**, 9, e89026	3.7	23
101	Mangiferin attenuates diabetic nephropathy by inhibiting oxidative stress mediated signaling cascade, TNFrelated and mitochondrial dependent apoptotic pathways in streptozotocin-induced diabetic rats. *PLoS ONE*, **2014**, 9, e107220	3.7	114
100	Cytochrome P450s: mechanisms and biological implications in drug metabolism and its interaction with oxidative stress. *Current Drug Metabolism*, **2014**, 15, 719-42	3.5	52
99	Genistein: A Phytoestrogen with Multifaceted Therapeutic Properties. *Mini-Reviews in Medicinal Chemistry*, **2014**, 14, 920-940	3.2	29
98	Genistein: A Phytoestrogen with Multifaceted Therapeutic Properties. *Mini-Reviews in Medicinal Chemistry*, **2014**,	3.2	7
97	A 35 kD Phyllanthus niruri protein modulates iron mediated oxidative impairment to hepatocytes via the inhibition of ERKs, p38 MAPKs and activation of PI3k/Akt pathway. *Food and Chemical Toxicology*, **2013**, 56, 119-30	4.7	20
96	An update on oxidative stress-mediated organ pathophysiology. *Food and Chemical Toxicology*, **2013**, 62, 584-600	4.7	97
95	Arjunolic acid: a new multifunctional therapeutic promise of alternative medicine. *Biochimie*, **2013**, 95, 1098-109	4.6	67
94	The prophylactic role of D-saccharic acid-1,4-lactone against hyperglycemia-induced hepatic apoptosis via inhibition of both extrinsic and intrinsic pathways in diabetic rats. *Food and Function*, **2013**, 4, 283-96	6.1	13
93	Taurine ameliorate alloxan induced oxidative stress and intrinsic apoptotic pathway in the hepatic tissue of diabetic rats. *Food and Chemical Toxicology*, **2013**, 51, 317-29	4.7	99
92	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. *Toxicology and Applied Pharmacology*, **2013**, 267, 16-29	4.6	68

91	Effect of Kombucha, a fermented black tea in attenuating oxidative stress mediated tissue damage in alloxan induced diabetic rats. *Food and Chemical Toxicology*, **2013**, 60, 328-40	4.7	71
90	Oxidative stress: the mitochondria-dependent and mitochondria-independent pathways of apoptosis. *Archives of Toxicology*, **2013**, 87, 1157-80	5.8	918
89	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. *PLoS ONE*, **2013**, 8, e56894	3.7	66
88	Role of sulfur containing amino acids as an adjuvant therapy in the prevention of diabetes and its associated complications. *Current Diabetes Reviews*, **2013**, 9, 237-48	2.7	23
87	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. *Toxicology and Applied Pharmacology*, **2012**, 258, 296-308	4.6	103
86	Mangiferin exerts hepatoprotective activity against D-galactosamine induced acute toxicity and oxidative/nitrosative stress via Nrf2-NFB pathways. *Toxicology and Applied Pharmacology*, **2012**, 260, 35-47	4.6	126
85	Tertiary butyl hydroperoxide induced oxidative damage in mice erythrocytes: Protection by taurine. *Pathophysiology*, **2012**, 19, 137-48	1.8	37
84	Doxorubicin-induced neurotoxicity is attenuated by a 43-kD protein from the leaves of Cajanus indicus L. via NF-B and mitochondria dependent pathways. *Free Radical Research*, **2012**, 46, 785-98	4	31
83	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. *Free Radical Research*, **2012**, 46, 240-52	4	31
82	D(+) galactosamine induced oxidative and nitrosative stress-mediated renal damage in rats via NF-B and inducible nitric oxide synthase (iNOS) pathways is ameliorated by a polyphenol xanthone, mangiferin. *Free Radical Research*, **2012**, 46, 116-32	4	41
81	Taurine ameliorates alloxan-induced diabetic renal injury, oxidative stress-related signaling pathways and apoptosis in rats. *Amino Acids*, **2012**, 43, 1509-23	3.5	103
80	Impaired redox signaling and mitochondrial uncoupling contributes vascular inflammation and cardiac dysfunction in type 1 diabetes: Protective role of arjunolic acid. *Biochimie*, **2012**, 94, 786-97	4.6	31
79	A 43kD protein from the leaves of the herb Cajanus indicus L. modulates doxorubicin induced nephrotoxicity via MAPKs and both mitochondria dependent and independent pathways. *Biochimie*, **2012**, 94, 1356-67	4.6	11
78	Contribution of nano-copper particles to in vivo liver dysfunction and cellular damage: role of IBNF-B, MAPKs and mitochondrial signal. *Nanotoxicology*, **2012**, 6, 1-21	5.3	71
77	Mechanism of the protective action of taurine in toxin and drug induced organ pathophysiology and diabetic complications: a review. *Food and Function*, **2012**, 3, 1251-64	6.1	59
76	Traditional extract of Pithecellobium dulce fruits protects mice against CCl(4) induced renal oxidative impairments and necrotic cell death. *Pathophysiology*, **2012**, 19, 101-14	1.8	11
75	Arjunolic acid: beneficial role in type 1 diabetes and its associated organ pathophysiology. *Free Radical Research*, **2012**, 46, 815-30	4	23
74	Modulation of mercury-induced mitochondria-dependent apoptosis by glycine in hepatocytes. *Amino Acids*, **2012**, 42, 1669-83	3.5	55

73	Taurine protects rat testes against doxorubicin-induced oxidative stress as well as p53, Fas and caspase 12-mediated apoptosis. *Amino Acids*, **2012**, 42, 1839-55	3.5	103
72	Taurine protects murine hepatocytes against oxidative stress-induced apoptosis by tert-butyl hydroperoxide via PI3K/Akt and mitochondrial-dependent pathways. *Food Chemistry*, **2012**, 131, 1086-1096	8.5	17
71	Iron induces hepatocytes death via MAPK activation and mitochondria-dependent apoptotic pathway: beneficial role of glycine. *Free Radical Research*, **2012**, 46, 1296-307	4	30
70	Hepatoprotective properties of kombucha tea against TBHP-induced oxidative stress via suppression of mitochondria dependent apoptosis. *Pathophysiology*, **2011**, 18, 221-34	1.8	59
69	Cajanus indicus leaf protein: Beneficial role in experimental organ pathophysiology. A review. *Pathophysiology*, **2011**, 18, 295-303	1.8	7
68	D-saccharic acid-1,4-lactone ameliorates alloxan-induced diabetes mellitus and oxidative stress in rats through inhibiting pancreatic Ecells from apoptosis via mitochondrial dependent pathway. *Toxicology and Applied Pharmacology*, **2011**, 257, 272-83	4.6	27
67	Nano-copper induces oxidative stress and apoptosis in kidney via both extrinsic and intrinsic pathways. *Toxicology*, **2011**, 290, 208-17	4.4	111
66	Taurine suppresses doxorubicin-triggered oxidative stress and cardiac apoptosis in rat via up-regulation of PI3-K/Akt and inhibition of p53, p38-JNK. *Biochemical Pharmacology*, **2011**, 81, 891-909	6	151
65	The protective role of arjunolic acid against doxorubicin induced intracellular ROS dependent JNK-p38 and p53-mediated cardiac apoptosis. *Biomaterials*, **2011**, 32, 4857-66	15.6	118
64	Prophylactic role of D-Saccharic acid-1,4-lactone in tertiary butyl hydroperoxide induced cytotoxicity and cell death of murine hepatocytes via mitochondria-dependent pathways. *Journal of Biochemical and Molecular Toxicology*, **2011**, 25, 341-54	3.4	13
63	Involvement of both intrinsic and extrinsic pathways in hepatoprotection of arjunolic acid against cadmium induced acute damage in vitro. *Toxicology*, **2011**, 283, 129-39	4.4	62
62	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. *Free Radical Research*, **2011**, 45, 620-37	4	20
61	Phytomedicinal Role of Pithecellobium dulce against CCl(4)-mediated Hepatic Oxidative Impairments and Necrotic Cell Death. *Evidence-based Complementary and Alternative Medicine*, **2011**, 2011, 832805	2.3	25
60	Protective effect of kombucha tea against tertiary butyl hydroperoxide induced cytotoxicity and cell death in murine hepatocytes. *Indian Journal of Experimental Biology*, **2011**, 49, 511-24		11
59	Protective role of taurine against arsenic-induced mitochondria-dependent hepatic apoptosis via the inhibition of PKCdelta-JNK pathway. *PLoS ONE*, **2010**, 5, e12602	3.7	81
58	Acetaminophen induced acute liver failure via oxidative stress and JNK activation: protective role of taurine by the suppression of cytochrome P450 2E1. *Free Radical Research*, **2010**, 44, 340-55	4	112
57	Prevention of tertiary butyl hydroperoxide induced oxidative impairment and cell death by a novel antioxidant protein molecule isolated from the herb, Phyllanthus niruri. *Toxicology in Vitro*, **2010**, 24, 1711-9	3.6	35
56	Streptozotocin induced activation of oxidative stress responsive splenic cell signaling pathways: protective role of arjunolic acid. *Toxicology and Applied Pharmacology*, **2010**, 244, 114-29	4.6	55

55	Arjunolic acid, a triterpenoid saponin, prevents acetaminophen (APAP)-induced liver and hepatocyte injury via the inhibition of APAP bioactivation and JNK-mediated mitochondrial protection. *Free Radical Biology and Medicine*, **2010**, 48, 535-53	7.8	80
54	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. *Free Radical Biology and Medicine*, **2010**, 48, 1465-84	7.8	135
53	Hepatotoxicity of di-(2-ethylhexyl)phthalate is attributed to calcium aggravation, ROS-mediated mitochondrial depolarization, and ERK/NF-B pathway activation. *Free Radical Biology and Medicine*, **2010**, 49, 1779-91	7.8	71
52	Protective effect of the fruits of Terminalia arjuna against cadmium-induced oxidant stress and hepatic cell injury via MAPK activation and mitochondria dependent pathway. *Food Chemistry*, **2010**, 123, 1062-1075	8.5	39
51	Acetaminophen induced renal injury via oxidative stress and TNF-alpha production: therapeutic potential of arjunolic acid. *Toxicology*, **2010**, 268, 8-18	4.4	88
50	Taurine protects acetaminophen-induced oxidative damage in mice kidney through APAP urinary excretion and CYP2E1 inactivation. *Toxicology*, **2010**, 269, 24-34	4.4	94
49	Prophylactic role of taurine on arsenic mediated oxidative renal dysfunction via MAPKs/ NF-kappaB and mitochondria dependent pathways. *Free Radical Research*, **2009**, 43, 995-1007	4	71
48	Arsenic-induced oxidative cerebral disorders: protection by taurine. *Drug and Chemical Toxicology*, **2009**, 32, 93-102	2.3	61
47	Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF-kappa B, p38 and JNK MAPK pathway. *Toxicology and Applied Pharmacology*, **2009**, 240, 73-87	4.6	144
46	Protection of acetaminophen induced mitochondrial dysfunctions and hepatic necrosis via Akt-NF-kappaB pathway: role of a novel plant protein. *Chemico-Biological Interactions*, **2009**, 177, 96-106	5	43
45	Prophylactic role of arjunolic acid in response to streptozotocin mediated diabetic renal injury: activation of polyol pathway and oxidative stress responsive signaling cascades. *Chemico-Biological Interactions*, **2009**, 181, 297-308	5	45
44	Taurine plays a beneficial role against cadmium-induced oxidative renal dysfunction. *Amino Acids*, **2009**, 36, 417-28	3.5	97
43	Induction of necrosis in cadmium-induced hepatic oxidative stress and its prevention by the prophylactic properties of taurine. *Journal of Trace Elements in Medicine and Biology*, **2009**, 23, 300-13	4.1	57
42	Purification and characterisation of a novel antioxidant protein molecule from Phyllanthus niruri. *Food Chemistry*, **2009**, 114, 1405-1412	8.5	34
41	Protective role of arjunolic acid in response to streptozotocin-induced type-I diabetes via the mitochondrial dependent and independent pathways. *Toxicology*, **2009**, 257, 53-63	4.4	69
40	Taurine protects rat testes against NaAsO(2)-induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways. *Toxicology Letters*, **2009**, 187, 201-10	4.4	169
39	Amelioration of cadmium-induced cardiac impairment by taurine. *Chemico-Biological Interactions*, **2008**, 174, 88-97	5	50
38	Cadmium induced testicular pathophysiology: prophylactic role of taurine. *Reproductive Toxicology*, **2008**, 26, 282-91	3.4	51

37	Arjunolic acid attenuates arsenic-induced nephrotoxicity. *Pathophysiology*, **2008**, 15, 147-56	1.8	57
36	Taurine provides antioxidant defense against NaF-induced cytotoxicity in murine hepatocytes. *Pathophysiology*, **2008**, 15, 181-90	1.8	56
35	Cytoprotective effect of arjunolic acid in response to sodium fluoride mediated oxidative stress and cell death via necrotic pathway. *Toxicology in Vitro*, **2008**, 22, 1918-26	3.6	80
34	Terminalia arjuna protects mouse hearts against sodium fluoride-induced oxidative stress. *Journal of Medicinal Food*, **2008**, 11, 733-40	2.8	38
33	Protection of arsenic-induced testicular oxidative stress by arjunolic acid. *Redox Report*, **2008**, 13, 67-77	5.9	78
32	Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid. *Archives of Toxicology*, **2008**, 82, 137-49	5.8	153
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