

Prasenjit Manna

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113
papers

5,524
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48
h-index

71
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116
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6,438
ext. citations

5
avg, IF

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L-index

#	Paper	IF	Citations
113	Obesity, Oxidative Stress, Adipose Tissue Dysfunction, and the Associated Health Risks: Causes and Therapeutic Strategies. <i>Metabolic Syndrome and Related Disorders</i> , 2015 , 13, 423-44	2.6	401
112	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
111	Mechanistic insight of diabetic nephropathy and its pharmacotherapeutic targets: An update. <i>European Journal of Pharmacology</i> , 2016 , 791, 8-24	5.3	153
110	Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid. <i>Archives of Toxicology</i> , 2008 , 82, 137-49	5.8	153
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	Vitamin D up-regulates glucose transporter 4 (GLUT4) translocation and glucose utilization mediated by cystathionine-Elyase (CSE) activation and H2S formation in 3T3L1 adipocytes. <i>Journal of Biological Chemistry</i> , 2012 , 287, 42324-32	5.4	101
100	Taurine plays a beneficial role against cadmium-induced oxidative renal dysfunction. <i>Amino Acids</i> , 2009 , 36, 417-28	3.5	97
99	Synthesis and biomedical applications of nanoceria, a redox active nanoparticle. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 84	9.4	96
98	Molecular mechanism of diabetic neuropathy and its pharmacotherapeutic targets. <i>European Journal of Pharmacology</i> , 2018 , 833, 472-523	5.3	95
97	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

96	Vitamin D supplementation inhibits oxidative stress and upregulate SIRT1/AMPK/GLUT4 cascade in high glucose-treated 3T3L1 adipocytes and in adipose tissue of high fat diet-fed diabetic mice. <i>Archives of Biochemistry and Biophysics</i> , 2017 , 615, 22-34	4.1	91
95	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
94	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
93	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
92	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
91	Hydrogen sulfide and L-cysteine increase phosphatidylinositol 3,4,5-trisphosphate (PIP3) and glucose utilization by inhibiting phosphatase and tensin homolog (PTEN) protein and activating phosphoinositide 3-kinase (PI3K)/serine/threonine protein kinase (AKT)/protein kinase C β (PKC β) in 3T3L1 adipocytes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39848-53	5.4	78
90	Protection of arsenic-induced testicular oxidative stress by arjunolic acid. <i>Redox Report</i> , 2008 , 13, 67-77	5.9	78
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	Beneficial role of vitamin K supplementation on insulin sensitivity, glucose metabolism, and the reduced risk of type 2 diabetes: A review. <i>Nutrition</i> , 2016 , 32, 732-9	4.8	62
79	Biocompatible bimetallic Au-Ni doped graphitic carbon nitride sheets: A novel peroxidase-mimicking artificial enzyme for rapid and highly sensitive colorimetric detection of glucose. <i>Sensors and Actuators B: Chemical</i> , 2019 , 285, 277-290	8.5	61

78	Arsenic-induced oxidative cerebral disorders: protection by taurine. <i>Drug and Chemical Toxicology</i> , 2009 , 32, 93-102	2.3	61
77	L-cysteine and hydrogen sulfide increase PIP3 and AMPK/PPAR α expression and decrease ROS and vascular inflammation markers in high glucose treated human U937 monocytes. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 2334-45	4.7	60
76	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
75	Arjunolic acid attenuates arsenic-induced nephrotoxicity. <i>Pathophysiology</i> , 2008 , 15, 147-56	1.8	57
74	Taurine provides antioxidant defense against NaF-induced cytotoxicity in murine hepatocytes. <i>Pathophysiology</i> , 2008 , 15, 181-90	1.8	56
73	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
72	Protection of arsenic-induced hepatic disorder by arjunolic acid. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 101, 333-8	3.1	55
71	Arjunolic acid, a triterpenoid saponin, ameliorates arsenic-induced cyto-toxicity in hepatocytes. <i>Chemico-Biological Interactions</i> , 2007 , 170, 187-200	5	55
70	Cadmium induced testicular pathophysiology: prophylactic role of taurine. <i>Reproductive Toxicology</i> , 2008 , 26, 282-91	3.4	51
69	Therapeutic potentials of <i>Houttuynia cordata</i> Thunb. against inflammation and oxidative stress: A review. <i>Journal of Ethnopharmacology</i> , 2018 , 220, 35-43	5	50
68	Amelioration of cadmium-induced cardiac impairment by taurine. <i>Chemico-Biological Interactions</i> , 2008 , 174, 88-97	5	50
67	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
66	Taurine protects the antioxidant defense system in the erythrocytes of cadmium treated mice. <i>BMB Reports</i> , 2008 , 41, 657-63	5.5	50
65	Decreased cystathionine- β -lyase (CSE) activity in livers of type 1 diabetic rats and peripheral blood mononuclear cells (PBMC) of type 1 diabetic patients. <i>Journal of Biological Chemistry</i> , 2014 , 289, 11767-11778	5.4	48
64	Daidzein, its effects on impaired glucose and lipid metabolism and vascular inflammation associated with type 2 diabetes. <i>BioFactors</i> , 2018 , 44, 407-417	6.1	48
63	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
62	Phosphatidylinositol-3,4,5-triphosphate and cellular signaling: implications for obesity and diabetes. <i>Cellular Physiology and Biochemistry</i> , 2015 , 35, 1253-75	3.9	44
61	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

60	Protective effect of the fruits of Terminalia arjuna 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
59	Terminalia arjuna protects mouse hearts against sodium fluoride-induced oxidative stress. <i>Journal of Medicinal Food</i> , 2008 , 11, 733-40	2.8	38
58	Cadmium-induced neurological disorders: prophylactic role of taurine. <i>Journal of Applied Toxicology</i> , 2008 , 28, 974-86	4.1	38
57	Structure, photophysics, electrochemistry, DFT calculation, and in-vitro antioxidant activity of coumarin Schiff base complexes of Group 6 metal carbonyls. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 577-88	4.2	37
56	Taraxerol, a pentacyclic triterpenoid, from Abroma augusta leaf attenuates diabetic nephropathy in type 2 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 726-741	7.5	32
55	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
54	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
53	Antioxidant Potential of Vespa affinis L., a Traditional Edible Insect Species of North East India. <i>PLoS ONE</i> , 2016 , 11, e0156107	3.7	31
52	In African American type 2 diabetic patients, is vitamin D deficiency associated with lower blood levels of hydrogen sulfide and cyclic adenosine monophosphate, and elevated oxidative stress?. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1154-8	8.4	29
51	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
50	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
49	Phytomedicinal Role of Pithecellobium dulce 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
48	Carnosic Acid, a Natural Diterpene, Attenuates Arsenic-Induced Hepatotoxicity via Reducing Oxidative Stress, MAPK Activation, and Apoptotic Cell Death Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 1421438	6.7	25
47	Edible leaf extract of Ipomoea aquatica Forssk. (Convolvulaceae) attenuates doxorubicin-induced liver injury via inhibiting oxidative impairment, MAPK activation and intrinsic pathway of apoptosis. <i>Food and Chemical Toxicology</i> , 2017 , 105, 322-336	4.7	24
46	Chitosan: A promising therapeutic agent and effective drug delivery system in managing diabetes mellitus. <i>Carbohydrate Polymers</i> , 2020 , 247, 116594	10.3	24
45	Arjunolic acid: beneficial role in type 1 diabetes and its associated organ pathophysiology. <i>Free Radical Research</i> , 2012 , 46, 815-30	4	23
44	Attenuation of cadmium chloride induced cytotoxicity in murine hepatocytes by a protein isolated from the leaves of the herb Cajanus indicus L. <i>Archives of Toxicology</i> , 2007 , 81, 397-406	5.8	23
43	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

42	Phytomedicinal activity of Terminalia arjuna against carbon tetrachloride induced cardiac oxidative stress. <i>Pathophysiology</i> , 2007 , 14, 71-8	1.8	21
41	Protective role of a coumarin-derived schiff base scaffold against tertiary butyl hydroperoxide (TBHP)-induced oxidative impairment and cell death via MAPKs, NF- κ B and mitochondria-dependent pathways. <i>Free Radical Research</i> , 2011 , 45, 620-37	4	20
40	1,25(OH)-vitamin D upregulates glucose uptake mediated by SIRT1/IRS1/GLUT4 signaling cascade in C2C12 myotubes. <i>Molecular and Cellular Biochemistry</i> , 2018 , 444, 103-108	4.2	20
39	Decreased hepatic phosphatidylinositol-3,4,5-triphosphate (PIP3) levels and impaired glucose homeostasis in type 1 and type 2 diabetic rats. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 1363-70	3.9	19
38	A 43 kD protein isolated from the herb Cajanus indicus L attenuates sodium fluoride-induced hepatic and renal disorders in vivo. <i>BMB Reports</i> , 2007 , 40, 382-95	5.5	19
37	PIP3 but not PIP2 increases GLUT4 surface expression and glucose metabolism mediated by AKT/PKC β phosphorylation in 3T3L1 adipocytes. <i>Molecular and Cellular Biochemistry</i> , 2013 , 381, 291-9	4.2	18
36	Prophylactic role of vitamin K supplementation on vascular inflammation in type 2 diabetes by regulating the NF- κ B/Nrf2 pathway via activating Gla proteins. <i>Food and Function</i> , 2018 , 9, 450-462	6.1	18
35	Chlorin e6 decorated doxorubicin encapsulated chitosan nanoparticles for photo-controlled cancer drug delivery. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 951-961	7.9	17
34	Circulatory heavy metals (cadmium, lead, mercury, and chromium) inversely correlate with plasma GST activity and GSH level in COPD patients and impair NOX4/Nrf2/GCLC/GST signaling pathway in cultured monocytes. <i>Toxicology in Vitro</i> , 2019 , 54, 269-279	3.6	17
33	Beneficial role of insect-derived bioactive components against inflammation and its associated complications (colitis and arthritis) and cancer. <i>Chemico-Biological Interactions</i> , 2019 , 313, 108824	5	16
32	Galactosamine-induced hepatotoxic effect and hepatoprotective role of a protein isolated from the herb Cajanus indicus L in vivo. <i>Journal of Biochemical and Molecular Toxicology</i> , 2007 , 21, 13-23	3.4	16
31	Hexane-Isopropanolic Extract of Tungrymbai, a North-East Indian fermented soybean food prevents hepatic steatosis via regulating AMPK-mediated SREBP/FAS/ACC/HMGCR and PPAR α /CPT1A/UCP2 pathways. <i>Scientific Reports</i> , 2018 , 8, 10021	4.9	16
30	Effect of PIP3 on adhesion molecules and adhesion of THP-1 monocytes to HUVEC treated with high glucose. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1197-204	3.9	14
29	Gamma-glutamyl carboxylated Gas6 mediates the beneficial effect of vitamin K on lowering hyperlipidemia via regulating the AMPK/SREBP1/PPAR α signaling cascade of lipid metabolism. <i>Journal of Nutritional Biochemistry</i> , 2019 , 70, 174-184	6.3	13
28	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. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011 , 25, 341-54	3.4	13
27	Antioxidant and glucose metabolizing potential of edible insect, Brachytrupes orientalis via modulating Nrf2/AMPK/GLUT4 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 556-563	7.5	12
26	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021 , 10,	8.9	12
25	Efflux pump inhibition by 11H-pyrido[2,1-b]quinazolin-11-one analogues in mycobacteria. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4942-4951	3.4	12

24	Traditional extract of <i>Pithecellobium dulce</i> fruits protects mice against CCl(4) induced renal oxidative impairments and necrotic cell death. <i>Pathophysiology</i> , 2012 , 19, 101-14	1.8	11
23	Implication of a novel Gla-containing protein, Gas6 in the pathogenesis of insulin resistance, impaired glucose homeostasis, and inflammation: A review. <i>Diabetes Research and Clinical Practice</i> , 2017 , 128, 74-82	7.4	10
22	Cigarette smoke compounds induce cellular redox imbalance, activate NF- κ B, and increase TNF- α /CRP secretion: a possible pathway in the pathogenesis of COPD. <i>Toxicology Research</i> , 2016 , 5, 895-904	2.6	9
21	Environmental and toxicological assessment of nanodiamond-like materials derived from carbonaceous aerosols. <i>Science of the Total Environment</i> , 2019 , 679, 209-220	10.2	8
20	Clinical and immunobiochemical characterization of airborne <i>Delonix regia</i> (Gulmohar tree) pollen and cross-reactivity studies with <i>Peltophorum pterocarpum</i> pollen: 2 dominant avenue trees from eastern India. <i>Annals of Allergy, Asthma and Immunology</i> , 2009 , 103, 515-24	3.2	8
19	L-Cysteine and Vitamin D Co-Supplementation Alleviates Markers of Musculoskeletal Disorders in Vitamin D-Deficient High-Fat Diet-Fed Mice. <i>Nutrients</i> , 2020 , 12,	6.7	7
18	Anti-Proliferative Activities of Vasicinone on Lung Carcinoma Cells Mediated via Activation of Both Mitochondria-Dependent and Independent Pathways. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 409-416	4.2	7
17	Implication of a novel vitamin K dependent protein, GRP/Ucma in the pathophysiological conditions associated with vascular and soft tissue calcification, osteoarthritis, inflammation, and carcinoma. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 309-316	7.9	5
16	Antidiabetic potential of soy protein/peptide: A therapeutic insight. <i>International Journal of Biological Macromolecules</i> , 2021 , 194, 276-288	7.9	5
15	Gamma-glutamyl-carboxylated Gas6 mediates positive role of vitamin K on lowering hyperglycemia in type 2 diabetes. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1462, 104-117	6.5	5
14	Vitamin D (VD) prevents oxidative stress via regulating NOX4/Nrf2/Trx signaling cascade and upregulates SIRT1-mediated AMPK/IRS1/GLUT4 pathway and glucose uptake in high glucose treated 3T3L1 adipocytes. <i>FASEB Journal</i> , 2015 , 29, 253.1	0.9	4
13	Procyanidin A2, an anti-diabetic condensed tannin extracted from , reduces elevated G-6-Pase and mRNA levels in diabetic mice and increases glucose uptake in CC1 hepatocytes and C1C12 myoblast cells.. <i>RSC Advances</i> , 2019 , 9, 17211-17219	3.7	3
12	Is diabetes mellitus a wrongdoer to COVID-19 severity?. <i>Diabetes Research and Clinical Practice</i> , 2021 , 178, 108936	7.4	3
11	Beneficial effect of the methanolic leaf extract of <i>Allium hookeri</i> on stimulating glutathione biosynthesis and preventing impaired glucose metabolism in type 2 diabetes. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 708, 108961	4.1	3
10	Isolation, purification, and characterization of staphylocoagulase, a blood coagulating protein from <i>Staphylococcus</i> sp. MBBJP S43. <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 1312-1321	7.9	2
9	Current perspectives on the anti-inflammatory potential of fermented soy foods.. <i>Food Research International</i> , 2022 , 152, 110922	7	2
8	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys.. <i>Computers in Biology and Medicine</i> , 2022 , 146, 105419	7	2
7	Gamma-glutamyl carboxylated Gas6 facilitates the prophylactic effect of vitamin K in inhibiting hyperlipidemia-associated inflammatory pathophysiology via arresting MCP-1/ICAM-1 mediated monocyte-hepatocyte adhesion. <i>Journal of Nutritional Biochemistry</i> , 2021 , 93, 108635	6.3	1

6	A review on phytochemical, pharmacological attributes and therapeutic uses of <i>Allium hookeri</i> . <i>Phytomedicine Plus</i> , 2022 , 2, 100262		1
5	Carnosic acid attenuates doxorubicin-induced cardiotoxicity by decreasing oxidative stress and its concomitant pathological consequences. <i>Food and Chemical Toxicology</i> , 2022 , 113205	4.7	1
4	Evaluation of therapeutic effect of <i>Premna herbacea</i> in diabetic rat and isoverbascoside against insulin resistance in L6 muscle cells through bioenergetics and stimulation of JNK and AKT/mTOR signaling cascade. <i>Phytomedicine</i> , 2021 , 93, 153761	6.5	0
3	Bristed acid functionalized carbon catalyst for synthesis of biologically active coumarin-substituted bis(indolyl)methanes. <i>FlatChem</i> , 2021 , 29, 100279	5.1	0
2	Valorization and Physicochemical Characterization of Crude Plant Kernel Wax Obtained from <i>Endocoma macrocoma</i> (Miq.) W. J. de Wilde subsp. <i>prainii</i> (King) W. J. de Wilde. <i>Waste and Biomass Valorization</i> , 1	3.2	0
1	Prophylactic role of <i>Premna herbacea</i> , a dietary leafy vegetable in managing hepatic steatosis via regulating AMPK/SREBP1/ACC/HMGCR signaling pathway. <i>Food Bioscience</i> , 2022 , 101720	4.9	0