

Muneeb U Rehman

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127
papers

1,963
citations

24
h-index

40
g-index

140
ext. papers

2,564
ext. citations

3.7
avg, IF

5.07
L-index

#	Paper	IF	Citations
127	Chrysin protects against cisplatin-induced colon. toxicity via amelioration of oxidative stress and apoptosis: probable role of p38MAPK and p53. <i>Toxicology and Applied Pharmacology</i> , 2012 , 258, 315-29	4.6	100
126	Cyclophosphamide-induced nephrotoxicity, genotoxicity, and damage in kidney genomic DNA of Swiss albino mice: the protective effect of Ellagic acid. <i>Molecular and Cellular Biochemistry</i> , 2012 , 365, 119-27	4.2	98
125	A Review on Pharmacological Properties of Zingerone (4-(4-Hydroxy-3-methoxyphenyl)-2-butanone). <i>Scientific World Journal, The</i> , 2015 , 2015, 816364	2.2	88
124	Chrysin suppresses renal carcinogenesis via amelioration of hyperproliferation, oxidative stress and inflammation: plausible role of NF-B. <i>Toxicology Letters</i> , 2013 , 216, 146-58	4.4	84
123	Glycyrrhizic acid suppresses the development of precancerous lesions via regulating the hyperproliferation, inflammation, angiogenesis and apoptosis in the colon of Wistar rats. <i>PLoS ONE</i> , 2013 , 8, e56020	3.7	74
122	Amelioration of 1,2 Dimethylhydrazine (DMH) induced colon oxidative stress, inflammation and tumor promotion response by tannic acid in Wistar rats. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 4393-402	1.7	70
121	Geraniol attenuates 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced oxidative stress and inflammation in mouse skin: possible role of p38 MAP Kinase and NF-B. <i>Experimental and Molecular Pathology</i> , 2013 , 94, 419-29	4.4	69
120	Diosmin protects against ethanol-induced hepatic injury via alleviation of inflammation and regulation of TNF- α and NF-B activation. <i>Alcohol</i> , 2013 , 47, 131-9	2.7	68
119	D-limonene suppresses doxorubicin-induced oxidative stress and inflammation via repression of COX-2, iNOS, and NFB in kidneys of Wistar rats. <i>Experimental Biology and Medicine</i> , 2014 , 239, 465-76	3.7	68
118	Neuroprotective Strategies for Neurological Disorders by Natural Products: An update. <i>Current Neuropharmacology</i> , 2019 , 17, 247-267	7.6	64
117	Alleviation of hepatic injury by chrysin in cisplatin administered rats: probable role of oxidative and inflammatory markers. <i>Pharmacological Reports</i> , 2014 , 66, 1050-9	3.9	61
116	Natural products against cancer: Review on phytochemicals from marine sources in preventing cancer. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 767-777	4.4	56
115	Soy isoflavones (daidzein & genistein) inhibit 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced cutaneous inflammation via modulation of COX-2 and NF-B in Swiss albino mice. <i>Toxicology</i> , 2012 , 302, 266-74	4.4	54
114	Thymoquinone (2-Isoprpyl-5-methyl-1, 4-benzoquinone) as a chemopreventive/anticancer agent: Chemistry and biological effects. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 1113-1126	4.4	52
113	Chrysin abrogates cisplatin-induced oxidative stress, p53 expression, goblet cell disintegration and apoptotic responses in the jejunum of Wistar rats. <i>British Journal of Nutrition</i> , 2012 , 108, 1574-85	3.6	45
112	Diosmin protects against trichloroethylene-induced renal injury in Wistar rats: plausible role of p53, Bax and caspases. <i>British Journal of Nutrition</i> , 2013 , 110, 699-710	3.6	43
111	18- β -Glycyrrhetic acid alleviates 2-acetylaminofluorene-induced hepatotoxicity in Wistar rats: Role in hyperproliferation, inflammation and oxidative stress. <i>Human and Experimental Toxicology</i> , 2015 , 34, 628-41	3.4	35

110	Benzo(a)pyrene-induced pulmonary inflammation, edema, surfactant dysfunction, and injuries in rats: alleviation by farnesol. <i>Experimental Lung Research</i> , 2012 , 38, 19-27	2.3	34
109	Diosmin abrogates chemically induced hepatocarcinogenesis via alleviation of oxidative stress, hyperproliferative and inflammatory markers in murine model. <i>Toxicology Letters</i> , 2013 , 220, 205-18	4.4	32
108	Effect of Naringenin (A naturally occurring flavanone) Against Pilocarpine-induced Status Epilepticus and Oxidative Stress in Mice. <i>Pharmacognosy Magazine</i> , 2017 , 13, S154-S160	0.8	29
107	Silibinin inhibits tumor promotional triggers and tumorigenesis against chemically induced two-stage skin carcinogenesis in Swiss albino mice: possible role of oxidative stress and inflammation. <i>Nutrition and Cancer</i> , 2014 , 66, 249-58	2.8	27
106	Naringenin (4,5,7-trihydroxyflavanone) suppresses the development of precancerous lesions via controlling hyperproliferation and inflammation in the colon of Wistar rats. <i>Environmental Toxicology</i> , 2018 , 33, 422-435	4.2	26
105	Chemopreventive effects of aloin against 1,2-dimethylhydrazine-induced preneoplastic lesions in the colon of Wistar rats. <i>Human and Experimental Toxicology</i> , 2014 , 33, 148-63	3.4	25
104	Alleviation of lung injury by glycyrrhizic acid in benzo(a)pyrene exposed rats: Probable role of soluble epoxide hydrolase and thioredoxin reductase. <i>Toxicology</i> , 2012 , 291, 25-31	4.4	25
103	Naringenin Regulates Doxorubicin-Induced Liver Dysfunction: Impact on Oxidative Stress and Inflammation. <i>Plants</i> , 2020 , 9,	4.5	23
102	Zingerone (4-(4-hydroxy-3-methylphenyl) butan-2-one) protects against alloxan-induced diabetes via alleviation of oxidative stress and inflammation: Probable role of NF-kB activation. <i>Saudi Pharmaceutical Journal</i> , 2018 , 26, 1137-1145	4.4	23
101	Zingerone (4-(4-hydroxy-3-methylphenyl)butan-2-one) ameliorates renal function via controlling oxidative burst and inflammation in experimental diabetic nephropathy. <i>Archives of Physiology and Biochemistry</i> , 2019 , 125, 201-209	2.2	22
100	Covid-19 and thymoquinone: Connecting the dots. <i>Phytotherapy Research</i> , 2020 , 34, 2786-2789	6.7	21
99	Attenuation of oxidative stress, inflammation and early markers of tumor promotion by caffeic acid in Fe-NTA exposed kidneys of Wistar rats. <i>Molecular and Cellular Biochemistry</i> , 2011 , 357, 115-24	4.2	21
98	Myricetin Abrogates Cisplatin-Induced Oxidative Stress, Inflammatory Response, and Goblet Cell Disintegration in Colon of Wistar Rats. <i>Plants</i> , 2019 , 9,	4.5	21
97	Chemopreventive efficacy zingerone (4-[4-hydroxy-3-methylphenyl] butan-2-one) in experimental colon carcinogenesis in Wistar rats. <i>Environmental Toxicology</i> , 2019 , 34, 610-625	4.2	20
96	Neuroprotection: Targeting Multiple Pathways by Naturally Occurring Phytochemicals. <i>Biomedicines</i> , 2020 , 8,	4.8	20
95	Aptamer based nanobiosensors: Promising healthcare devices. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 312-319	4.4	20
94	An alternative approach to minimize the risk of coronavirus (Covid-19) and similar infections. <i>European Review for Medical and Pharmacological Sciences</i> , 2020 , 24, 4030-4034	2.9	19
93	Glycyrrhizic acid suppresses 1,2-dimethylhydrazine-induced colon tumorigenesis in Wistar rats: Alleviation of inflammatory, proliferation, angiogenic, and apoptotic markers. <i>Environmental Toxicology</i> , 2018 , 33, 1272-1283	4.2	18

92	Antioxidant, Hepatoprotective Potential and Chemical Profiling of Propolis Ethanolic Extract from Kashmir Himalaya Region Using UHPLC-DAD-QToF-MS. <i>BioMed Research International</i> , 2015 , 2015, 393462	3.2	17
91	Isolation, purification and characterization of naturally derived Crocetin beta-d-glucosyl ester from <i>L. against breast cancer and its binding chemistry with ER-alpha/HDAC2. Saudi Journal of Biological Sciences</i> , 2020 , 27, 975-984	4	17
90	Aqueous synthesis and concentration-dependent dermal toxicity of TiO ₂ nanoparticles in Wistar rats. <i>Biological Trace Element Research</i> , 2011 , 143, 1682-94	4.5	16
89	Inhibition of precancerous lesions development in kidneys by chrysin via regulating hyperproliferation, inflammation and apoptosis at pre clinical stage. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 606, 1-9	4.1	15
88	Multi-Therapeutic Potential of Naringenin (4',5,7-Trihydroxyflavonone): Experimental Evidence and Mechanisms. <i>Plants</i> , 2020 , 9,	4.5	15
87	Fate of arsenic in living systems: Implications for sustainable and safe food chains. <i>Journal of Hazardous Materials</i> , 2021 , 417, 126050	12.8	15
86	Antifibrotic effects of D-limonene (5(1-methyl-4-[1-methylethenyl]) cyclohexane) in CCl ₄ induced liver toxicity in Wistar rats. <i>Environmental Toxicology</i> , 2018 , 33, 361-369	4.2	14
85	Androgen deprivation by flutamide modulates uPAR, MMP-9 expressions, lipid profile, and oxidative stress: amelioration by daidzein. <i>Molecular and Cellular Biochemistry</i> , 2013 , 374, 49-59	4.2	14
84	Farnesol protects against intratracheally instilled cigarette smoke extract-induced histological alterations and oxidative stress in prostate of wistar rats. <i>Toxicology International</i> , 2013 , 20, 35-42		14
83	Box-Behnken Response Surface Design of Polysaccharide Extraction from and the Evaluation of Its Antioxidant Potential. <i>Molecules</i> , 2020 , 25,	4.8	14
82	Piperine Regulates Nrf-2/Keap-1 Signalling and Exhibits Anticancer Effect in Experimental Colon Carcinogenesis in Wistar Rats. <i>Biology</i> , 2020 , 9,	4.9	11
81	Neuroprotective Effect of Mangostin in the Ameliorating Propionic Acid-Induced Experimental Model of Autism in Wistar Rats. <i>Brain Sciences</i> , 2021 , 11,	3.4	11
80	Zingerone protects against cisplatin-induced oxidative damage in the jejunum of Wistar rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2015 , 15, 199-206	2	10
79	<i>L. Extract Containing Polyphenols Modulates Oxidative Stress and Inflammatory Response against Anti-Tuberculosis Drugs-Induced Liver Injury. Plants</i> , 2020 , 9,	4.5	10
78	Covid-19 Pandemic and Current Medical Interventions. <i>Archives of Medical Research</i> , 2020 , 51, 473-481	6.6	9
77	Diagnostic utility of glycosyltransferase mRNA expression in gastric cancer. <i>Hematology/Oncology and Stem Cell Therapy</i> , 2018 , 11, 158-168	2.7	9
76	Chlorpyrifos degradation efficiency of sp. laccase immobilized on iron magnetic nanoparticles. <i>Biotech</i> , 2020 , 10, 366	2.8	9
75	Antioxidant, Antimicrobial, Antidiabetic and Cytotoxic Activity of <i>Crocus sativus L. Petals. Applied Sciences (Switzerland)</i> , 2020 , 10, 1519	2.6	8

74	Scenario and future prospects of microRNAs in gastric cancer: A review. <i>Iranian Journal of Basic Medical Sciences</i> , 2019 , 22, 345-352	1.8	8
73	Zingerone prevents lead-induced toxicity in liver and kidney tissues by regulating the oxidative damage in Wistar rats. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13241	3.3	8
72	Inflammation and Alzheimer's Disease: Mechanisms and Therapeutic Implications by Natural Products. <i>Mediators of Inflammation</i> , 2021 , 2021, 9982954	4.3	8
71	Mechanisms of Mitochondrial Malfunction in Alzheimer's Disease: New Therapeutic Hope. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-28	6.7	7
70	Concentration dependent toxicity of approximately 20 nm anatase titanium dioxide nanoparticles--an in vivo study on Wistar rats. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 207-8	4	6
69	Vermicomposting: An Eco-Friendly Approach for Recycling/Management of Organic Wastes 2020 , 167-187		6
68	Cytokine imbalance at materno-embryonic interface as a potential immune mechanism for recurrent pregnancy loss. <i>International Immunopharmacology</i> , 2021 , 90, 107118	5.8	6
67	Achieving crop stress tolerance and improvement--an overview of genomic techniques. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 177, 1395-408	3.2	5
66	NITRIC OXIDE PATHWAY AS A POTENTIAL THERAPEUTIC TARGET IN COVID-19. <i>Farmacia</i> , 2020 , 68, 966-969	3.69	5
65	Chemoprotective potential of zingerone (vanillyl acetone) in cyclophosphamide-induced hepatic toxicity. <i>Pharmacognosy Magazine</i> , 2018 , 14, 434	0.8	5
64	Clinico-Pathological Importance of miR-146a in Lung Cancer. <i>Diagnostics</i> , 2021 , 11,	3.8	5
63	Chemical Composition and Biological Uses of Artemisia absinthium (Wormwood) 2019 , 37-63		4
62	Zingerone [4-(3-Methoxy-4-hydroxyphenyl)-butan-2] Attenuates Lipopolysaccharide-Induced Inflammation and Protects Rats from Sepsis Associated Multi Organ Damage. <i>Molecules</i> , 2020 , 25,	4.8	4
61	Naringenin (4,5,7-trihydroxyflavanone) as a potent neuroprotective agent: From chemistry to medicine. <i>Studies in Natural Products Chemistry</i> , 2020 , 65, 271-300	1.5	4
60	Impact of ethanolic extract of (EA1) on pancreatic carcinoma AsPC-1 cells. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1260-1264	4	4
59	Current nano-therapeutic approaches ameliorating inflammation in cancer progression.. <i>Seminars in Cancer Biology</i> , 2022 ,	12.7	4
58	Role of inflammatory mediators (TNF- α , IL-6, CRP), biochemical and hematological parameters in type 2 diabetes mellitus patients of Kashmir, India. <i>Medical Journal of the Islamic Republic of Iran</i> ,	1.1	4
57	Preclinical Evidence for the Pharmacological Actions of Glycyrrhizic Acid: A Comprehensive Review. <i>Current Drug Metabolism</i> , 2020 , 21, 436-465	3.5	4

56	Investigations on cytokines and proteins in lactating cows with and without naturally occurring mastitis. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2863-2867	3.6	4
55	Dietary Phytochemicals in Cancer Signalling Pathways: Role of miRNA targeting. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	4
54	Anticancer Mechanistic Insights of Epigallocatechin-3-Gallate, an Active Ingredient of Green Tea (Camellia sinensis) 2019 , 139-157		3
53	Myricetin (3,3',4',5,5',7-Hexahydroxyflavone) Prevents 5-Fluorouracil-Induced Cardiotoxicity.. <i>ACS Omega</i> , 2022 , 7, 4514-4524	3.9	3
52	Molecular Mechanisms of Phytochemicals from Honey in Prevention and Treatment of Cancer 2020 , 61-83		3
51	Role of inflammatory mediators (TNF- α , IL-6, CRP), biochemical and hematological parameters in type 2 diabetes mellitus patients of Kashmir, India. <i>Medical Journal of the Islamic Republic of Iran</i> , 2020 , 34, 5	1.1	3
50	Ameliorative Effect of Aloe vera Supplementation in Poultry Feed. <i>Journal of Animal Research</i> , 2017 , 7, 85		3
49	Arsenic Toxicity and Tolerance Mechanisms in Plants: An Overview 2013 , 363-378		3
48	Toxicological interaction between tobacco smoke toxicants cadmium and nicotine: An in-vitro investigation. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 4201-4209	4	3
47	Abiotic Stress and Plant Senescence 2019 , 15-27		3
46	Production and partial purification of extracellular xylanase from <i>Pseudomonas nitroreducens</i> using frugivorous bat (<i>Pteropus giganteus</i>) faeces as ideal substrate and its role in poultry feed digestion. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2474-2479	3.6	3
45	Attitude and awareness of public towards genetic testing in Riyadh, Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 255-261	4	3
44	Phytotherapeutic agents for neurodegenerative disorders: A neuropharmacological review 2021 , 581-620		3
43	Zingerone (4-(four-hydroxy-3-methylphenyl) butane-two-1) modulates adjuvant-induced rheumatoid arthritis by regulating inflammatory cytokines and antioxidants. <i>Redox Report</i> , 2021 , 26, 62-70	5.9	3
42	Association Mechanism and Conformational Changes in Trypsin on Its Interaction with Atrazine: A Multi- Spectroscopic and Biochemical Study with Computational Approach. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5636	6.3	3
41	Amelioration of Rifampicin and Isoniazid Induced Liver Oxidative Damage and Inflammation Response by Propolis Extracts in Rodent Model. <i>Journal of Biologically Active Products From Nature</i> , 2019 , 9, 57-66	0.7	2
40	S1 Subunit and Host Proteases as Potential Therapeutic Avenues for the Treatment of COVID-19. <i>Archives of Medical Research</i> , 2020 , 51, 718-720	6.6	2
39	LYSOSOMOTROPIC PROPERTIES OF SODIUM BICARBONATE AND COVID-19. <i>Farmacia</i> , 2020 , 68, 771-778		2

38	Therapeutic Potential of Polysaccharides in an Animal Model of Lipopolysaccharide-Inflicted Oxidative Stress and Systemic Inflammation. <i>Molecules</i> , 2020 , 25,	4.8	2
37	In vitro antioxidant and antimicrobial activities of propolis from Kashmir Himalaya region. <i>Free Radicals and Antioxidants</i> , 2016 , 6, 51-57	1.7	2
36	Effect of Pesticides on Fish Fauna: Threats, Challenges, and Possible Remedies 2020 , 27-54		2
35	Bio-Pesticides: Application and Possible Mechanism of Action 2020 , 97-119		2
34	Extraction, Quantification, and Cytokine Inhibitory Response of Bakuchiol in <i>Psoralea coryfolia</i> Linn.. <i>Separations</i> , 2020 , 7, 48	3.1	2
33	Zingerone Targets Status Epilepticus by Blocking Hippocampal Neurodegeneration via Regulation of Redox Imbalance, Inflammation and Apoptosis. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
32	Prevalence of the co-prescription of tamoxifen and CYP2D6 inhibitors in Saudi population: A cross sectional study. <i>Saudi Pharmaceutical Journal</i> , 2020 , 28, 440-444	4.4	1
31	Plant Resistance under Cold Stress 2014 , 79-98		1
30	An Overview of the Pharmacological Properties and Potential Applications of Lavender and Cumin 2020 , 83-115		1
29	Therapeutic role of flavonoids in lung inflammatory disorders. <i>Phytomedicine Plus</i> , 2022 , 2, 100221		1
28	Global Scenario of Remediation Techniques to Combat Environmental Pollution 2020 , 93-106		1
27	Honey: A Powerful Natural Antioxidant and Its Possible Mechanism of Action 2020 , 11-29		1
26	A Crosstalk Between Antiinflammatory and Wound-Healing Properties of Honey 2020 , 325-341		1
25	Protective effect of chrysin, a flavonoid, on the genotoxic activity of carboplatin in mice. <i>Drug and Chemical Toxicology</i> , 2021 , 1-7	2.3	1
24	Nanosized delivery systems for plant-derived therapeutic compounds and their synthetic derivative for cancer therapy 2021 , 655-675		1
23	Attenuation of oxidative damage-associated hepatotoxicity by piperine in CCl4-induced liver fibrosis. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101629	3.6	1
22	Immunomodulation: An immune regulatory mechanism in carcinoma therapeutics. <i>International Immunopharmacology</i> , 2021 , 99, 107984	5.8	1
21	Chemical Composition Analysis, Cytotoxic, Antimicrobial and Antioxidant Activities of L.: A Comparative Study of Leaves and Fruit.. <i>Molecules</i> , 2022 , 27,	4.8	1

- 20 Scope of Honey in Diabetes and Metabolic Disorders **2020**, 195-217 ○
- 19 The cardioprotective effect of thymoquinone from *Nigella sativa* **2022**, 239-252 ○
- 18 Myricetin (3,3,4,5,5,7-hexahydroxyflavone) prevents ethanol-induced biochemical and inflammatory damage in the liver of Wistar rats.. *Human and Experimental Toxicology*, **2022**, 41, 9603271211066843 ○
- 17 Metabolic syndrome and underlying genetic determinants-A systematic review. *Journal of Diabetes and Metabolic Disorders*, **2022**, 21, 1-10 2.5 ○
- 16 Thymoquinone modulates the expression of sepsis-related microRNAs in a CLP model.. *Experimental and Therapeutic Medicine*, **2022**, 23, 395 2.1 ○
- 15 D-limonene (5 (one-methyl-four-[1-methylethenyl]) cyclohexane) diminishes CCl₄-induced cardiac toxicity by alleviating oxidative stress, inflammatory and cardiac markers.. *Redox Report*, **2022**, 27, 92-99 5.9 ○
- 14 Involvement of Phytochemical-Encapsulated Nanoparticles in the Interaction with Cellular Signalling in the Amelioration of Benign and Malignant Brain Tumours. *Molecules*, **2022**, 27, 3561 4.8 ○
- 13 Brief History and Traditional Uses of Honey **2020**, 1-10
- 12 An Assay on Mechanisms of the Anti-Fibrotic Effects of Honey **2020**, 85-112
- 11 Role of Soil Biota and Associated Threats **2020**, 143-165
- 10 Possible Therapeutic Potential of Flavonoids and Phenolic Acids from Honey in Age-Related Neurodegenerative Diseases Via Targeting NAD⁺ Degradation **2020**, 19-43
- 9 MYP2 locus genes: Sequence variations, genetic association studies and haplotypic association in patients with High Myopia. *International Journal of Biochemistry and Molecular Biology*, **2021**, 12, 35-48 ○.4
- 8 Molecular Mechanistic Approach of Important Antileukemic Compounds Present in Honey **2020**, 1-18
- 7 Brucine Prevents DMH Induced Colon Carcinogenesis in Wistar Rats. *International Journal of Pharmacology*, **2020**, 16, 319-329 ○.7
- 6 Honey Intake and Risk of CVDs: A Mechanistic Disclosure **2020**, 273-285
- 5 Clinico-Pharmacological Perspective of Honey and Propolis **2020**, 165-193
- 4 A novel G26A variation in 5' half of TGIF1 gene associates with high myopia in ethnic Kashmiri population from India. *Taiwan Journal of Ophthalmology*, **2020**, 10, 294-297 1.4
- 3 An Essay on Some Biotechnological Interventions in Agricultural Waste Management **2021**, 285-304

2 Nigella sativa and prevention of nephrotoxicity: A comprehensive update **2022**, 423-438

1 Single Nucleotide Polymorphisms and Pharmacogenomics **2021**, 23-52