

# Cemal Orhan

## List of Publications by Year in descending order

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145  
papers

3,021  
citations

136940  
32  
h-index

206102  
48  
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153  
all docs

153  
docs citations

153  
times ranked

3981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Combination of Arginine Silicate Inositol Complex and a Novel Form of Biotin on Hair and Nail Growth in a Rodent Model. <i>Biological Trace Element Research</i> , 2023, 201, 751-765.	3.5	1
2	Effects of a Novel Magnesium Complex on Metabolic and Cognitive Functions and the Expression of Synapse-Associated Proteins in Rats Fed a High-Fat Diet. <i>Biological Trace Element Research</i> , 2022, 200, 247-260.	3.5	7
3	Feeding Zinc-Biofortified Wheat Improves Performance, Nutrient Digestibility, and Concentrations of Blood and Tissue Minerals in Quails. <i>Biological Trace Element Research</i> , 2022, 200, 3774-3784.	3.5	3
4	Effects of magnesium picolinate, zinc picolinate, and selenomethionine co-supplementation on reproductive hormones, and glucose and lipid metabolism-related protein expressions in male rats fed a high-fat diet. <i>Food Chemistry Molecular Sciences</i> , 2022, 4, 100081.	2.1	2
5	Maca could improve endurance capacity possibly by increasing mitochondrial biogenesis pathways and antioxidant response in exercised rats. <i>Journal of Food Biochemistry</i> , 2022, 46, e14159.	2.9	9
6	Therapeutic Effects of a Novel Form of Biotin on Propionic Acid-Induced Autistic Features in Rats. <i>Nutrients</i> , 2022, 14, 1280.	4.1	9
7	Protective Effect of Allyl Isothiocyanate in an Experimentally Induced Rat Model for Dry Eye Syndrome. <i>Current Eye Research</i> , 2022, 47, 704-714.	1.5	1
8	A Novel Theanine Complex, Mg-L-Theanine Improves Sleep Quality via Regulating Brain Electrochemical Activity. <i>Frontiers in Nutrition</i> , 2022, 9, 874254.	3.7	1
9	Protective effect of a novel polyherbal formulation on experimentally induced osteoarthritis in a rat model. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113052.	5.6	4
10	RJX Improves Wound Healing in Diabetic Rats. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	3
11	A Novel Formulation of Curcumin and 3-O-Acetyl-11-Keto-Beta-Boswellic Acid Enriched Boswellia Extract Ameliorates Experimentally Induced Osteoarthritis in Rats. <i>Current Developments in Nutrition</i> , 2022, 6, 46.	0.3	0
12	Lycopene supplementation does not change productive performance but lowers egg yolk cholesterol and gene expression of some cholesterol-related proteins in laying hens. <i>British Poultry Science</i> , 2021, 62, 227-234.	1.7	10
13	Lutein/zeaxanthin isomers regulate neurotrophic factors and synaptic plasticity in trained rats. <i>Turkish Journal of Medical Sciences</i> , 2021, 51, 2167-2176.	0.9	6
14	Different Sources of Dietary Magnesium Supplementation Reduces Oxidative Stress by Regulation Nrf2 and NF- $\kappa$ B Signaling Pathways in High-Fat Diet Rats. <i>Biological Trace Element Research</i> , 2021, 199, 4162-4170.	3.5	9
15	Different Doses of $\beta$ -Cryptoxanthin May Secure the Retina from Photooxidative Injury Resulted from Common LED Sources. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	4.0	5
16	Effects of Exercise Combined with Undenatured Type II Collagen on Endurance Capacity, Antioxidant Status, Muscle Lipogenic Genes and E3 Ubiquitin Ligases in Rats. <i>Animals</i> , 2021, 11, 851.	2.3	4
17	Marine phytoplankton improves recovery and sustains immune function in humans and lowers proinflammatory immunoregulatory cytokines in a rat model. <i>Physical Activity and Nutrition</i> , 2021, 25, 42-55.	0.8	5
18	A Next Generation Formulation of Curcumin Ameliorates Experimentally Induced Osteoarthritis in Rats via Regulation of Inflammatory Mediators. <i>Frontiers in Immunology</i> , 2021, 12, 609629.	4.8	28

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19	Effects of magnesium biotin supplementation on serum insulin, glucose and lipid parameters along with liver protein levels of lipid metabolism in rats. <i>Magnesium Research</i> , 2021, 34, 9-19.	0.5	1
20	Undenatured Type II Collagen Ameliorates Inflammatory Responses and Articular Cartilage Damage in the Rat Model of Osteoarthritis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 617789.	2.2	21
21	Combination of Niacinamide and Undenatured Collagen Type II Modulates Inflammatory Response in Monosodium Iodoacetate-Induced Osteoarthritis in Rats. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
22	Effects of supplementing different chromium histidinate complexes on glucose and lipid metabolism and related protein expressions in rats fed a high-fat diet. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126723.	3.0	1
23	Genistein suppresses the inflammation and GSK-3 pathway in an animal model of spontaneous ovarian cancer. <i>Turkish Journal of Medical Sciences</i> , 2021, 51, 1465-1471.	0.9	6
24	The Protective Effects of a Combination of an Arginine Silicate Complex and Magnesium Biotinate Against UV-Induced Skin Damage in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 657207.	3.5	2
25	Niacinamide and undenatured type II collagen modulates the inflammatory response in rats with moniodoacetate-induced osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 14724.	3.3	20
26	Bioavailability of a Capsaicin Lipid Multi-particulate Formulation in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 645-650.	1.6	2
27	Effects of maca ( <i>Lepidium meyenii</i> ) on nutrient digestibility and major nutrient transporters in rats fed a high-fat diet. <i>Food Science and Nutrition</i> , 2021, 9, 5765-5773.	3.4	3
28	Non-clinical safety profile and pharmacodynamics of two formulations of the anti-sepsis drug candidate Rejuveinix (RJX). <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111823.	5.6	3
29	Allyl isothiocyanate attenuates LED light-induced retinal damage in rats: exploration for the potential molecular mechanisms. <i>Cutaneous and Ocular Toxicology</i> , 2021, 40, 376-386.	1.3	1
30	Magnesium Picolinate Improves Bone Formation by Regulation of RANK/RANKL/OPG and BMP-2/Runx2 Signaling Pathways in High-Fat Fed Rats. <i>Nutrients</i> , 2021, 13, 3353.	4.1	6
31	Influence of dietary genistein and polyunsaturated fatty acids on lipid peroxidation and fatty acid composition of meat in quail exposed to heat stress. <i>Tropical Animal Health and Production</i> , 2021, 53, 494.	1.4	3
32	Next-Generation Ultrasol Curcumin Boosts Muscle Endurance and Reduces Muscle Damage in Treadmill-Exhausted Rats. <i>Antioxidants</i> , 2021, 10, 1692.	5.1	1
33	Ginger extract suppresses the activations of NF- $\kappa$ B and Wnt pathways and protects inflammatory arthritis. , 2021, 8, 196-201.		7
34	Effects of Low Doses of L-Carnitine Tartrate and Lipid Multi-Particulate Formulated Creatine Monohydrate on Muscle Protein Synthesis in Myoblasts and Bioavailability in Humans and Rodents. <i>Nutrients</i> , 2021, 13, 3985.	4.1	1
35	Epigallocatechin 3-gallate attenuates arthritis by regulating Nrf2, HO-1, and cytokine levels in an experimental arthritis model. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 317-322.	3.1	22
36	The effects of chromium picolinate on glucose and lipid metabolism in running rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 58, 126434.	3.0	13

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37	A Novel Integrated Active Herbal Formulation Ameliorates Dry Eye Syndrome by Inhibiting Inflammation and Oxidative Stress and Enhancing Glycosylated Phosphoproteins in Rats. <i>Pharmaceuticals</i> , 2020, 13, 295.	3.8	10
38	<i>Salacia chinensis</i> exerts its antidiabetic effect by modulating glucose-regulated proteins and transcription factors in high-fat diet fed streptozotocin-induced type 2 diabetic rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13513.	2.9	6
39	Phytoplankton Supplementation Lowers Muscle Damage and Sustains Performance across Repeated Exercise Bouts in Humans and Improves Antioxidant Capacity in a Mechanistic Animal. <i>Nutrients</i> , 2020, 12, 1990.	4.1	7
40	Status of Novel Coronavirus Disease 2019 (COVID-19) and Animal Production. <i>Frontiers in Veterinary Science</i> , 2020, 7, 586919.	2.2	12
41	Rejuveinix Shows a Favorable Clinical Safety Profile in Human Subjects and Exhibits Potent Preclinical Protective Activity in the Lipopolysaccharide-Galactosamine Mouse Model of Acute Respiratory Distress Syndrome and Multi-Organ Failure. <i>Frontiers in Pharmacology</i> , 2020, 11, 594321.	3.5	18
42	Clinical Impact Potential of Supplemental Nutrients as Adjuncts of Therapy in High-Risk COVID-19 for Obese Patients. <i>Frontiers in Nutrition</i> , 2020, 7, 580504.	3.7	17
43	Effects of taurine supplementation on productive performance, nutrient digestibility and gene expression of nutrient transporters in quails reared under heat stress. <i>Journal of Thermal Biology</i> , 2020, 92, 102668.	2.5	11
44	Marine Phytoplankton Improves Exercise Recovery in Humans and Activates Repair Mechanisms in Rats. <i>International Journal of Sports Medicine</i> , 2020, 42, 1070-1082.	1.7	0
45	Effects of walnut oil on metabolic profile and transcription factors in rats fed high-carbohydrate/low-fat diets. <i>Journal of Food Biochemistry</i> , 2020, 44, e13235.	2.9	10
46	The addition of an amylopectin/chromium complex to branched-chain amino acids enhances muscle protein synthesis in rat skeletal muscle. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 26.	3.9	5
47	A Dose-Dependent Effect of Carnipure® Tartrate Supplementation on Endurance Capacity, Recovery, and Body Composition in an Exercise Rat Model. <i>Nutrients</i> , 2020, 12, 1519.	4.1	4
48	Chemopreventive efficacy of stampidine in a murine breast cancer model. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 155-162.	3.4	1
49	Prevention of DMBA-induced mammary gland tumors in mice by a dual-function inhibitor of JAK3 and EGF receptor tyrosine kinases. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 379-387.	3.4	4
50	Undenatured Type II Collagen (UC-II) in Joint Health and Disease: A Review on the Current Knowledge of Companion Animals. <i>Animals</i> , 2020, 10, 697.	2.3	28
51	Data-Driven identification of chemopreventive agents for breast cancer. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1691-1696.	0.9	1
52	Mango ginger ( <i>curcuma amada</i> ) inhibits collagen-induced arthritis by modulating inflammatory cytokine levels in rats. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 2040-2047.	0.9	5
53	The Effect of Different Magnesium Sources on Renal Magnesium Transporters in Rats Fed a High Fat Diet. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
54	The Effect of a Novel Theanine Complex (JDS-003) on Sleep in a Pentobarbital-Induced Sleep Model in Mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0

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55	Effects of a combination of arginine silicate complex and magnesium biotinate on the corneal phototoxic effect of UV exposure in rats. FASEB Journal, 2020, 34, 1-1.	0.5	0
56	Therapeutic Effects of Magnesium Biotinate on Propionic Acidâ€Induced Autistic Features in Rats. FASEB Journal, 2020, 34, 1-1.	0.5	0
57	The Effect of a Novel Theanine Complex (JDSâ€MTâ€003) on Sleep in a Caffeineâ€Induced Insomnia Mouse Model. FASEB Journal, 2020, 34, 1-1.	0.5	0
58	Organic Chromium Form Alleviates the Detrimental Effects of Heat Stress on Nutrient Digestibility and Nutrient Transporters in Laying Hens. Biological Trace Element Research, 2019, 189, 529-537.	3.5	19
59	The Safety and Absorption of Magnesium Biotinate in Rats (P06-029-19). Current Developments in Nutrition, 2019, 3, nzz031.P06-029-19.	0.3	4
60	Lutein and zeaxanthin isomers may attenuate photo-oxidative retinal damage via modulation of G protein-coupled receptors and growth factors in rats. Biochemical and Biophysical Research Communications, 2019, 516, 163-170.	2.1	17
61	Combination of amylopectin and chromium form improves energy storage and reduces muscle fatigue in rats during exhaustive exercise. Turkish Journal of Veterinary and Animal Sciences, 2019, 43, 44-53.	0.5	0
62	Effects of allyl isothiocyanate on insulin resistance, oxidative stress status, and transcription factors in highâ€fat diet/streptozotocinâ€induced type 2 diabetes mellitus in rats. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22328.	3.0	37
63	Tomato Powder Modulates NF- $\kappa$ B, mTOR, and Nrf2 Pathways during Aging in Healthy Rats. Journal of Aging Research, 2019, 2019, 1-8.	0.9	9
64	Allyl isothiocyanate attenuates oxidative stress and inflammation by modulating Nrf2/HO-1 and NF- $\kappa$ B pathways in traumatic brain injury in mice. Molecular Biology Reports, 2019, 46, 241-250.	2.3	41
65	Effects of supplementation of chromium histidinate on glucose, lipid metabolism and oxidative stress in cats. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 331-338.	2.2	6
66	Genistein Prevents Development of Spontaneous Ovarian Cancer and Inhibits Tumor Growth in Hen Model. Cancer Prevention Research, 2019, 12, 135-146.	1.5	36
67	Effect of inositol -stabilized arginine silicate on arthritis in a rat model. Food and Chemical Toxicology, 2019, 125, 242-251.	3.6	3
68	(3R, 3â€ <sup>TM</sup> R)-zeaxanthin protects the retina from photo-oxidative damage via modulating the inflammation and visual health molecular markers. Cutaneous and Ocular Toxicology, 2019, 38, 161-168.	1.3	14
69	Effect of supplementing chromium histidinate and picolinate complexes along with biotin on insulin sensitivity and related metabolic indices in rats fed a highâ€fat diet. Food Science and Nutrition, 2019, 7, 183-194.	3.4	19
70	Combination of Soy Protein, Amylopectin, and Chromium Stimulates Muscle Protein Synthesis by Regulation of Ubiquitinâ€Proteasome Proteolysis Pathway after Exercise. Biological Trace Element Research, 2019, 190, 140-149.	3.5	4
71	Anticancer Properties of Lycopene. Reference Series in Phytochemistry, 2019, , 935-969.	0.4	2
72	MANGO GINGER SUPPLEMENTATION MAY PROTECT BONE DAMAGE INDUCED BY METHOTREXATE IN RATS. Acta Poloniae Pharmaceutica, 2019, 76, 305-312.	0.1	2

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73	The Effect of Magnesium, Zinc, and Selenium, Used Alone or in Combination, on Strength and Anabolic Hormone Levels in Rats. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
74	Hepatoprotective effects of <i>Tribulus terrestris</i> , <i>Ashwagandha</i> and <i>N-acetylcysteine</i> on liver fibrosis in carbon tetrachloride-induced rats. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 805-813.	0.1	2
75	Effects of the supplemental chromium form on performance and metabolic profile in laying hens exposed to heat stress. <i>Poultry Science</i> , 2018, 97, 1298-1305.	3.4	35
76	The effect of dietary colostrum powder on performance, carcass yields and serum lipid peroxidation levels in Japanese quails ( <i>Coturnix coturnix japonica</i> ). <i>Journal of Applied Animal Research</i> , 2018, 46, 39-43.	1.2	6
77	Chemopreventive and Antitumor Efficacy of Curcumin in a Spontaneously Developing Hen Ovarian Cancer Model. <i>Cancer Prevention Research</i> , 2018, 11, 59-67.	1.5	22
78	LFM-A13, a potent inhibitor of polo-like kinase, inhibits breast carcinogenesis by suppressing proliferation activity and inducing apoptosis in breast tumors of mice. <i>Investigational New Drugs</i> , 2018, 36, 388-395.	2.6	4
79	Lycopene Protects Against Spontaneous Ovarian Cancer Formation in Laying Hens. <i>Journal of Cancer Prevention</i> , 2018, 23, 25-36.	2.0	36
80	Cinnamon Polyphenol Extract Exerts Neuroprotective Activity in Traumatic Brain Injury in Male Mice. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 439-447.	1.4	24
81	Anticancer Properties of Lycopene. <i>Reference Series in Phytochemistry</i> , 2018, , 1-35.	0.4	0
82	Biotin and chromium histidinate improve glucose metabolism and proteins expression levels of IRS-1, PPAR- $\beta$ , and NF- $\kappa$ B in exercise-trained rats. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 45.	3.9	17
83	The effects of <i>Mucuna pruriens</i> on the renal oxidative stress and transcription factors in high-fructose-fed rats. <i>Food and Chemical Toxicology</i> , 2018, 118, 526-531.	3.6	14
84	Capsaicinoids improve consequences of physical activity. <i>Toxicology Reports</i> , 2018, 5, 598-607.	3.3	10
85	MAT, a Novel Polyherbal Aphrodisiac Formulation, Enhances Sexual Function and Nrf2/HO-1 Pathway While Reducing Oxidative Damage in Male Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	1.2	5
86	Evaluation of Intraocular Pressure (IOP) Regarding Circadian Rhythm, Age, Sex and Eye Side in Awassi Sheep. <i>Journal of the Hellenic Veterinary Medical Society</i> , 2018, 69, 959.	0.3	6
87	Effects of dietary supplementation of arginine-silicate-inositol complex on absorption and metabolism of calcium of laying hens. <i>PLoS ONE</i> , 2018, 13, e0189329.	2.5	9
88	L-Carnitine supplementation increases expression of PPAR- $\beta$ and glucose transporters in skeletal muscle of chronically and acutely exercised rats. <i>Cellular and Molecular Biology</i> , 2018, 64, 1.	0.9	12
89	Allyl Isothiocyanate Enhances Brain Neuronal Plasticity Proteins Via Inhibition Of Inflammation Proteins. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 724.	0.4	0
90	Effects of the supplemental chromium form on performance and oxidative stress in broilers exposed to heat stress. <i>Poultry Science</i> , 2017, 96, 4317-4324.	3.4	52

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91	Mesozeaxanthin protects the liver and reduces cardio-metabolic risk factors in an insulin resistant rodent model. Food and Nutrition Research, 2017, 61, 1353360.	2.6	3
92	Î <sup>2</sup> -Cryptoxanthin ameliorates metabolic risk factors by regulating NF-Î <sup>B</sup> and Nrf2 pathways in insulin resistance induced by high-fat diet in rodents. Food and Chemical Toxicology, 2017, 107, 270-279.	3.6	48
93	Arginine Silicate Inositol Complex Accelerates Cutaneous Wound Healing. Biological Trace Element Research, 2017, 177, 122-131.	3.5	7
94	The efficacy of dietary curcumin on growth performance, lipid peroxidation and hepatic transcription factors in rainbow trout <i>Oncorhynchus Mykiss</i> (Walbaum) reared under different stocking densities. Aquaculture Research, 2017, 48, 4012-4021.	1.8	41
95	Capsaicinoids improve egg production by regulating ovary nuclear transcription factors against heat stress in quail. British Poultry Science, 2017, 58, 177-183.	1.7	8
96	Antiinflammatory and antioxidant effects of gemcitabinein collagen-induced arthritis model. Turkish Journal of Medical Sciences, 2017, 47, 1037-1044.	0.9	4
97	Combined oral supplementation of chromium picolinate, docosahexaenoic acid, and boron enhances neuroprotection in rats fed a high-fat diet. Turkish Journal of Medical Sciences, 2017, 47, 1616-1625.	0.9	7
98	Cinnamon Polyphenol Extract Inhibits Hyperlipidemia and Inflammation by Modulation of Transcription Factors in High-Fat Diet-Fed Rats. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	88
99	Lutein and zeaxanthin isomers modulates lipid metabolism and the inflammatory state of retina in obesity-induced high-fat diet rodent model. BMC Ophthalmology, 2017, 17, 129.	1.4	59
100	Lycopene: Multitargeted Applications in Cancer Therapy. , 2017, , .		2
101	Ingested capsaicinoids can prevent low-fat&ndash;high-carbohydrate diet and high-fat diet-induced obesity by regulating the NADPH oxidase and Nrf2 pathways. Journal of Inflammation Research, 2017, Volume 10, 161-168.	3.5	8
102	Organic chromium modifies the expression of orexin and glucose transporters of ovarian in heat-stressed laying hens. Cellular and Molecular Biology, 2017, 63, 93-98.	0.9	10
103	Phytochemical Therapies in Vascular Functioning: A Molecular Approach. Current Vascular Pharmacology, 2017, 15, 327-338.	1.7	10
104	Curcumin prevents muscle damage by regulating NF-κB and Nrf2 pathways and improves performance: an in vivo model. Journal of Inflammation Research, 2016, Volume 9, 147-154.	3.5	87
105	Comparative evaluation of the sexual functions and NF-Î <sup>B</sup> and Nrf2 pathways of some aphrodisiac herbal extracts in male rats. BMC Complementary and Alternative Medicine, 2016, 16, 318.	3.7	39
106	Mesozeaxanthin Protects Retina from Oxidative Stress in a Rat Model. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 631-637.	1.4	19
107	Schiff Base-Poloxamer P85 Combination Prevents Prostate Cancer Progression in C57/Bl6 Mice. Prostate, 2016, 76, 1454-1463.	2.3	6
108	Lycopene activates antioxidant enzymes and nuclear transcription factor systems in heat-stressed broilers. Poultry Science, 2016, 95, 1088-1095.	3.4	75



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109	Coenzyme Q10 Supplementation Modulates NF $\kappa$ B and Nrf2 Pathways in Exercise Training. Journal of Sports Science and Medicine, 2016, 15, 196-203.	1.6	30
110	Chromium-histidinate ameliorates productivity in heat-stressed Japanese quails through reducing oxidative stress and inhibiting heat-shock protein expression. British Poultry Science, 2015, 56, 247-254.	1.7	19
111	A Schiff base derivative for effective treatment of diethylnitrosamine-induced liver cancer in vivo. Anti-Cancer Drugs, 2015, 26, 555-564.	1.4	20
112	Anti-diabetic potential of chromium histidinate in diabetic retinopathy rats. BMC Complementary and Alternative Medicine, 2015, 15, 16.	3.7	33
113	Pistacia Terebinthus Coffee Protects against Thioacetamide-Induced Liver Injury in Rats. Acta Medica (Hradec Kralove), 2015, 58, 56-61.	0.5	6
114	Orally Administered Lycopene Attenuates Diethylnitrosamine-Induced Hepatocarcinogenesis in Rats by Modulating Nrf-2/HO-1 and Akt/mTOR Pathways. Nutrition and Cancer, 2014, 66, 590-598.	2.0	50
115	Effect of Lycopene Against Cisplatin-Induced Acute Renal Injury in Rats: Organic Anion and Cation Transporters Evaluation. Biological Trace Element Research, 2014, 158, 90-95.	3.5	39
116	Comparative In Vivo Evaluations of Curcumin and Its Analog Difluorinated Curcumin Against Cisplatin-Induced Nephrotoxicity. Biological Trace Element Research, 2014, 157, 156-163.	3.5	41
117	Lycopene improves activation of antioxidant system and Nrf2/HO-1 pathway of muscle in rainbow trout ( <i>Oncorhynchus mykiss</i> ) with different stocking densities. Aquaculture, 2014, 430, 133-138.	3.5	29
118	The effect of lycopene on antioxidant status in rainbow trout ( <i>Oncorhynchus mykiss</i> ) reared under high stocking density. Aquaculture, 2014, 418-419, 132-138.	3.5	125
119	Enhancement of Cisplatin Sensitivity in Human Cervical Cancer: Epigallocatechin-3-Gallate. Frontiers in Nutrition, 2014, 1, 28.	3.7	34
120	Chromium modulates expressions of neuronal plasticity markers and glial fibrillary acidic proteins in hypoglycemia-induced brain injury. Life Sciences, 2013, 93, 1039-1048.	4.3	24
121	Anti-diabetic activity of chromium picolinate and biotin in rats with type 2 diabetes induced by high-fat diet and streptozotocin. British Journal of Nutrition, 2013, 110, 197-205.	2.3	97
122	Molecular targets of dietary phytochemicals for the alleviation of heat stress in poultry. World's Poultry Science Journal, 2013, 69, 113-124.	3.0	43
123	The effect of <i>Cirsium arvense</i> extract on antioxidant status in quail. British Poultry Science, 2013, 54, 620-626.	1.7	6
124	Epigallocatechin-3-gallate exerts protective effects against heat stress through modulating stress-responsive transcription factors in poultry. British Poultry Science, 2013, 54, 447-453.	1.7	26
125	<i>Berberis vulgaris</i> root extract alleviates the adverse effects of heat stress via modulating hepatic nuclear transcription factors in quails. British Journal of Nutrition, 2013, 110, 609-616.	2.3	18
126	A novel nutritional supplement containing chromium picolinate, phosphatidylserine, docosahexaenoic acid, and boron activates the antioxidant pathway Nrf2/HO-1 and protects the brain against oxidative stress in high-fat-fed rats. Nutritional Neuroscience, 2012, 15, 42-47.	3.1	17



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127	Curcumin ameliorates heat stress via inhibition of oxidative stress and modulation of Nrf2/HO-1 pathway in quail. Food and Chemical Toxicology, 2012, 50, 4035-4041.	3.6	109
128	Tomato powder in laying hen diets: effects on concentrations of yolk carotenoids and lipid peroxidation. British Poultry Science, 2012, 53, 675-680.	1.7	64
129	Chromium Picolinate Modulates Serotonergic Properties and Carbohydrate Metabolism in a Rat Model of Diabetes. Biological Trace Element Research, 2012, 149, 50-56.	3.5	28
130	The Effects of Chromium Picolinate and Chromium Histidinate Administration on NF- $\kappa$ B and Nrf2/HO-1 Pathway in the Brain of Diabetic Rats. Biological Trace Element Research, 2012, 150, 291-296.	3.5	38
131	Chromium histidinate protects against heat stress by modulating the expression of hepatic nuclear transcription factors in quail. British Poultry Science, 2012, 53, 828-835.	1.7	18
132	Nadroparin Sodium Activates Nrf2/HO-1 Pathway in Acetic Acid-Induced Colitis in Rats. Inflammation, 2012, 35, 1213-1221.	3.8	25
133	Allopurinol Ameliorates Thioacetamide-Induced Acute Liver Failure by Regulating Cellular Redox-Sensitive Transcription Factors in Rats. Inflammation, 2012, 35, 1549-1557.	3.8	39
134	Resveratrol protects quail hepatocytes against heat stress: modulation of the Nrf2 transcription factor and heat shock proteins. Journal of Animal Physiology and Animal Nutrition, 2012, 96, 66-74.	2.2	96
135	Tomato powder supplementation activates Nrf-2 via ERK/Akt signaling pathway and attenuates heat stress-related responses in quails. Animal Feed Science and Technology, 2011, 165, 230-237.	2.2	33
136	The Effects of Chromium Complex and Level on Glucose Metabolism and Memory Acquisition in Rats Fed High-Fat Diet. Biological Trace Element Research, 2011, 143, 1018-1030.	3.5	31
137	Impact of chromium histidinate on high fat diet induced obesity in rats. Nutrition and Metabolism, 2011, 8, 28.	3.0	53
138	Effects of dietary resveratrol supplementation on egg production and antioxidant status. Poultry Science, 2010, 89, 1190-1198.	3.4	70
139	Epigallocatechin-3-gallate prevents lipid peroxidation and enhances antioxidant defense system via modulating hepatic nuclear transcription factors in heat-stressed quails. Poultry Science, 2010, 89, 2251-2258.	3.4	107
140	The effects of vitamin C and E supplementation on heat shock protein 70 response of ovary and brain in heat-stressed quail. British Poultry Science, 2009, 50, 259-265.	1.7	40
141	The Effects of Chromium Histidinate on Mineral Status of Serum and Tissue in Fat-Fed and Streptozotocin-Treated Type II Diabetic Rats. Biological Trace Element Research, 2009, 131, 124-132.	3.5	70
142	Effects of dietary arginine silicate inositol complex on mineral status in rainbow trout ( <i>Oncorhynchus mykiss</i> ). Aquaculture Nutrition, 2008, 14, 257-262.	2.7	7
143	The Effects of Tomato Powder Supplementation on Performance and Lipid Peroxidation in Quail. Poultry Science, 2008, 87, 276-283.	3.4	68
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