

Cemal Orhan

<https://publons.com/researcher/Q-2086-2015/>

Web of Science ResearcherID: Q-2086-2015

Current affiliations:

- Firat University, Faculty of Veterinary Medicine until present
- Firat University from 2007 until present

Publications

PUBLICATION METRICS

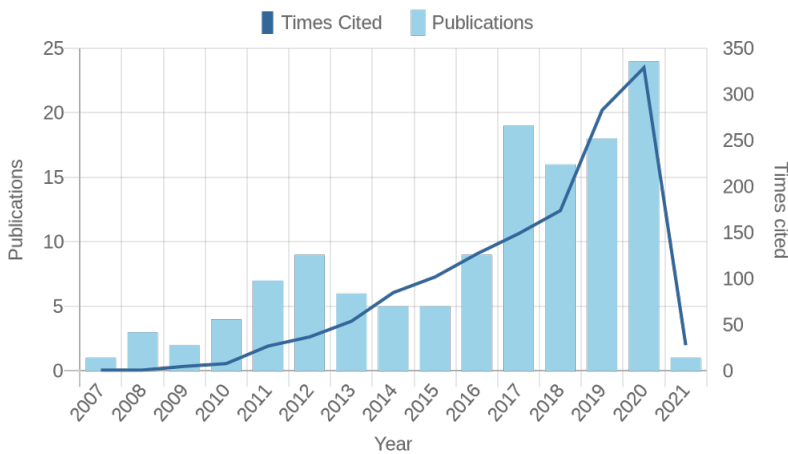
For manuscripts published from date range January 2007 - September 2020

CITATIONS	H-INDEX	PUBLICATIONS	WEB OF SCIENCE PUBLICATIONS
1409	24	120	118

For all time

CITATIONS	H-INDEX	PUBLICATIONS	WEB OF SCIENCE PUBLICATIONS
1410	24	129	127

PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

For manuscripts published from date range January 2007 - September 2020

(11) The FASEB Journal	WOS	(10) Biological Trace Element Research	WOS
(7) British Poultry Science	WOS	(6) Poultry Science	WOS

(4) Food and Chemical Toxicology	WOS	(2) Investigative Ophthalmology & Visual S...	WOS
(2) BMC Complementary and Alternative Medicine		(2) Journal of Animal Physiology and Anim...	WOS
(2) Cellular and Molecular Biology	WOS	(2) Journal of Sports Science and Medicine	WOS
(2) British Journal of Nutrition	WOS	(2) Inflammation	WOS
(2) Journal of Dairy Science	WOS	(2) Aquaculture	WOS
(2) Circulation	WOS	(2) Cancer Prevention Research	WOS
(2) Journal of Biochemical and Molecular T...	WOS	(2) Multiple Sclerosis Journal	WOS
(2) Journal of the International Society of S...	WOS	(2) Journal of Inflammation Research	WOS
(2) Turkish Journal of Medical Sciences	WOS	(2) Diabetes	WOS
(2) Acta Poloniae Pharmaceutica	WOS	(2) Biotechnology and Applied Biochemistry	WOS
(2) Expert Opinion on Therapeutic Targets	WOS	(2) Nutrients	WOS
(1) Journal of Applied Animal Research	WOS	(1) Oxidative Medicine and Cellular Longevi...	WOS
(1) Plos One	WOS	(1) Current Vascular Pharmacology	WOS
(1) Life Sciences	WOS	(1) Food & Nutrition Research	WOS
(1) Nutrition and Cancer	WOS	(1) Animal Feed Science and Technology	WOS
(1) Food Research International	WOS	(1) Aquaculture Nutrition	WOS
(1) Anti-Cancer Drugs	WOS	(1) Nutrition & Metabolism	WOS
(1) Nutritional Neuroscience	WOS	(1) World's Poultry Science Journal	WOS
(1) Arthritis & Rheumatology	WOS	(1) Arthritis & Rheumatism-arthritis Care & Resear...	
(1) Mediators of Inflammation	WOS	(1) Prostate	WOS
(1) Acta Medica Mediterranea	WOS	(1) Investigational New Drugs	WOS
(1) Journal of Cancer Prevention	WOS	(1) Evidence-based Complementary and Al...	WOS
(1) CNS and Neurological Disorders - Drug ...	WOS	(1) Aquaculture Research	WOS
(1) BMC Ophthalmology	WOS	(1) Journal of the Hellenic Veterinary Medi...	WOS
(1) Arteriosclerosis, Thrombosis, and Vasc...	WOS	(1) Molecular Biology Reports	WOS
(1) Food Science & Nutrition	WOS	(1) Acta Medica (Hradec Kralove, Czech Republic)	
(1) Toxicology Reports	WOS	(1) Medicine & Science in Sports & Exercise	WOS
(1) Cutaneous and Ocular Toxicology	WOS	(1) Turkish Journal of Veterinary & Animal Scienc...	
(1) Journal of Aging Research	WOS	(1) Journal of Trace Elements in Medicine ...	WOS
(1) Biochemical and Biophysical Research ...	WOS	(1) Journal of Food Biochemistry	WOS
(1) Animals	WOS	(1) Journal of Thermal Biology	WOS

Effects of taurine supplementation on productive performance, nutrient digestibility and gene expression of nutrient transporters in quails reared under heat stress

Published: Aug 2020 in Journal of Thermal Biology
DOI: 10.1016/J.JTHERBIO.2020.102668

0

Phytoplankton Supplementation Lowers Muscle Damage and Sustains Performance across Repeated Exercise Bouts in Humans and Improves Antioxidant Capacity in a Mechanistic Animal

Published: Jul 2020 in Nutrients
DOI: 10.3390/NU12071990

1

Effects of walnut oil on metabolic profile and transcription factors in rats fed high-carbohydrate-/fat diets

Published: Jul 2020 in Journal of Food Biochemistry
DOI: 10.1111/JFBC.13235

4

The addition of an amylopectin/chromium complex to branched-chain amino acids enhances muscle protein synthesis in rat skeletal muscle

Published: May 2020 in Journal of the International Society of Sports Nutrition
DOI: 10.1186/S12970-020-00355-8

0

A Dose-Dependent Effect of Carnipure(R) Tartrate Supplementation on Endurance Capacity, Recovery, and Body Composition in an Exercise Rat Model

Published: May 2020 in Nutrients
DOI: 10.3390/NU12051519

0

Epigallocatechin 3-gallate attenuates arthritis by regulating Nrf2, HO-1, and cytokine levels in an experimental arthritis model

Published: May 2020 in Biotechnology and Applied Biochemistry
DOI: 10.1002/BAB.1860

5

Therapeutic Effects of Magnesium Biotinate on Propionic Acid-Induced Autistic Features in Rats

Published: Apr 2020 in The FASEB Journal
DOI: 10.1096/FASEBJ.2020.34.S1.09493

0

The Effect of Different Magnesium Sources on Renal Magnesium Transporters in Rats Fed a High Fat Diet

Published: Apr 2020 in The FASEB Journal
DOI: 10.1096/FASEBJ.2020.34.S1.05627

0

<p>The Effect of a Novel Theanine Complex (JDS-MT-003) on Sleep in a Pentobarbital-Induced Sleep Model in Mice</p> <p>Published: Apr 2020 in The FASEB Journal DOI: 10.1096/FASEBJ.2020.34.S1.05322</p>	0
<p>Undenatured Type II Collagen (UC-II) in Joint Health and Disease: A Review on the Current Knowledge of Companion Animals</p> <p>Published: Apr 2020 in Animals DOI: 10.3390/ANI10040697</p>	1
<p>The Effect of a Novel Theanine Complex (JDS-MT-003) on Sleep in a Caffeine-Induced Insomnia Mouse Model</p> <p>Published: Apr 2020 in The FASEB Journal DOI: 10.1096/FASEBJ.2020.34.S1.03373</p>	0
<p>Prevention of DMBA-induced mammary gland tumors in mice by a dual-function inhibitor of JAK3 and EGF receptor tyrosine kinases</p> <p>Published: Apr 2020 in Expert Opinion on Therapeutic Targets DOI: 10.1080/14728222.2020.1737014</p>	2
<p>Effects of a combination of arginine silicate complex and magnesium biotinate on the corneal phototoxic effect of UV exposure in rats</p> <p>Published: Apr 2020 in The FASEB Journal DOI: 10.1096/FASEBJ.2020.34.S1.05646</p>	0
<p>The effects of chromium picolinate on glucose and lipid metabolism in running rats</p> <p>Published: Mar 2020 in Journal of Trace Elements in Medicine and Biology DOI: 10.1016/J.JTEMB.2019.126434</p>	2
<p>Chemopreventive efficacy of stampidine in a murine breast cancer model</p> <p>Published: Feb 2020 in Expert Opinion on Therapeutic Targets DOI: 10.1080/14728222.2020.1724961</p>	2
<p>Epigallocatechin 3-gallate attenuates arthritis by regulating Nrf2, HO-1, and cytokine levels in an experimental arthritis model</p> <p>Published: 2020 in Biotechnology and Applied Biochemistry</p>	5
<p>Lutein and zeaxanthin isomers may attenuate photo-oxidative retinal damage via modulation of G protein-coupled receptors and growth factors in rats</p> <p>Published: Aug 2019 in Biochemical and Biophysical Research Communications DOI: 10.1016/J.BBRC.2019.06.032</p>	2
<p>Effects of allyl isothiocyanate on insulin resistance, oxidative stress status, and transcription factors in high-fat diet/streptozotocin-induced type 2 diabetes mellitus in rats</p> <p>Published: Jul 2019 in Journal of Biochemical and Molecular Toxicology DOI: 10.1002/JBT.22328</p>	9

<p>Combination of Soy Protein, Amylopectin, and Chromium Stimulates Muscle Protein Synthesis by Regulation of Ubiquitin-Proteasome Proteolysis Pathway after Exercise</p> <p>Published: Jul 2019 in Biological Trace Element Research DOI: 10.1007/S12011-018-1539-Z</p>	0
<p>Organic Chromium Form Alleviates the Detrimental Effects of Heat Stress on Nutrient Digestibility and Nutrient Transporters in Laying Hens</p> <p>Published: Jun 2019 in Biological Trace Element Research DOI: 10.1007/S12011-018-1485-9</p>	4
<p>MANGO GINGER SUPPLEMENTATION MAY PROTECT BONE DAMAGE INDUCED BY METHOTREXATE IN RATS</p> <p>Published: Apr 2019 in Acta Poloniae Pharmaceutica DOI: 10.32383/APPDR/99245</p>	0
<p>(3R, 3'R)-zeaxanthin protects the retina from photo-oxidative damage via modulating the inflammation and visual health molecular markers</p> <p>Published: Apr 2019 in Cutaneous and Ocular Toxicology DOI: 10.1080/15569527.2018.1554667</p>	4
<p>The Effect of a Novel Form of Biotin, JDS-MB-001, on Remyelination in a Hippocampal Demyelination Animal Model</p> <p>Published: Apr 2019 in Multiple Sclerosis Journal</p>	0
<p>Genistein Prevents Development of Spontaneous Ovarian Cancer and Inhibits Tumor Growth in Hen Model</p> <p>Published: Mar 2019 in Cancer Prevention Research DOI: 10.1158/1940-6207.CAPR-17-0289</p>	8
<p>Effect of inositol -stabilized arginine silicate on arthritis in a rat model</p> <p>Published: Mar 2019 in Food and Chemical Toxicology DOI: 10.1016/J.FCT.2019.01.005</p>	1
<p>Combination of amylopectin and chromium form improves energy storage and reduces muscle fatigue in rats during exhaustive exercise</p> <p>Published: Feb 2019 in Turkish Journal of Veterinary & Animal Sciences DOI: 10.3906/VET-1810-24</p>	0
<p>Allyl isothiocyanate attenuates oxidative stress and inflammation by modulating Nrf2/HO-1 and NF-kappa B pathways in traumatic brain injury in mice</p> <p>Published: Feb 2019 in Molecular Biology Reports DOI: 10.1007/S11033-018-4465-4</p>	9
<p>Tomato Powder Modulates NF-kappaB, mTOR, and Nrf2 Pathways during Aging in Healthy Rats</p> <p>Published: Jan 2019 in Journal of Aging Research DOI: 10.1155/2019/1643243</p>	5

Effect of supplementing chromium histidinate and picolinate complexes along with biotin on insulin sensitivity and related metabolic indices in rats fed a high-fat diet	3
Published: Jan 2019 in Food Science & Nutrition DOI: 10.1002/FSN3.851	
Effects of supplementation of chromium histidinate on glucose, lipid metabolism and oxidative stress in cats	2
Published: Jan 2019 in Journal of Animal Physiology and Animal Nutrition DOI: 10.1111/JPN.13023	
Ginger provides neuroprotection in experimental model of traumatic brain injury	0
Published: 2019 in The FASEB Journal	
Effects of allyl isothiocyanate on insulin resistance, oxidative stress status, and transcription factors in high-fat diet/streptozotocin-induced type 2 diabetes mellitus in rats	9
Published: 2019 in Journal of Biochemical and Molecular Toxicology	
HEPATOPROTECTIVE EFFECTS OF TRIBULUS TERRESTRIS, ASHWAGANDHA AND N-ACETYLCYSTEINE ON LIVER FIBROSIS IN CARBON TETRACHLORIDE-INDUCED RATS	0
Published: 2019 in Acta Poloniae Pharmaceutica DOI: 10.32383/APPDR/109201	
The Effect of Magnesium, Zinc, and Selenium, Used Alone or in Combination, on Strength and Anabolic Hormone Levels in Rats	0
Published: 2019 in The FASEB Journal	
The absorption and activity of a novel form of biotin, JDS-MB-001, in a hippocampal demyelination animal model	0
Published: Oct 2018 in Multiple Sclerosis Journal	
Biotin and chromium histidinate improve glucose metabolism and proteins expression levels of IRS-1, PPAR-gamma, and NF-kappa B in exercise-trained rats	3
Published: Sep 2018 in Journal of the International Society of Sports Nutrition DOI: 10.1186/S12970-018-0249-4	
Cinnamon Polyphenol Extract Exerts Neuroprotective Activity in Traumatic Brain Injury in Male Mice	6
Published: Aug 2018 in CNS and Neurological Disorders - Drug Targets DOI: 10.2174/1871527317666180501110918	

The effects of <i>Mucuna pruriens</i> on the renal oxidative stress and transcription factors in high-fructose-fed rats	7
Published: Aug 2018 in Food and Chemical Toxicology DOI: 10.1016/J.FCT.2018.05.061	
Evaluation of Intraocular Pressure (IOP) Regarding Circadian Rhythm, Age, Sex and Eye Side in Awassi Sheep	1
Published: Jul 2018 in Journal of the Hellenic Veterinary Medical Society DOI: 10.12681/JHVMS.18018	
LFM-A13, a potent inhibitor of polo-like kinase, inhibits breast carcinogenesis by suppressing proliferation activity and inducing apoptosis in breast tumors of mice	4
Published: Jun 2018 in Investigational New Drugs DOI: 10.1007/S10637-017-0540-2	
Allyl Isothiocyanate Enhances Brain Neuronal Plasticity Proteins Via Inhibition Of Inflammation Proteins	0
Published: May 2018 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000538388.24167.76	
Effects of the supplemental chromium form on performance and metabolic profile in laying hens exposed to heat stress	11
Published: Apr 2018 in Poultry Science DOI: 10.3382/PS/PEX435	
Lycopene Protects Against Spontaneous Ovarian Cancer Formation in Laying Hens	5
Published: Mar 2018 in Journal of Cancer Prevention DOI: 10.15430/JCP.2018.23.1.25	
L-Carnitine supplementation increases expression of PPAR-gamma and glucose transporters in skeletal muscle of chronically and acutely exercised rats	5
Published: Jan 2018 in Cellular and Molecular Biology DOI: 10.14715/CMB/2018.64.1.1	
Effects of dietary supplementation of arginine-silicate-inositol complex on absorption and metabolism of calcium of laying hens	3
Published: Jan 2018 in Plos One DOI: 10.1371/JOURNAL.PONE.0189329	
Capsaicinoids improve consequences of physical activity	7
Published: Jan 2018 in Toxicology Reports DOI: 10.1016/J.TOXREP.2018.05.001	

THE EFFECTS OF ALLOPURINOL ON REDOX SENSITIVE TRANSCRIPTION FACTORS, PRO-INFLAMMATORY CYTOKINES AND HEME OXYGENASE-1 IN ACETIC ACID-INDUCED COLITIS IN RATS Published: 2018 in Acta Medica Mediterranea DOI: 10.19193/0393-6384_2018_1_20	1
Chemopreventive and Antitumor Efficacy of Curcumin in a Spontaneously Developing Hen Ovarian Cancer Model Published: Jan 2018 in Cancer Prevention Research DOI: 10.1158/1940-6207.CAPR-16-0289	6
MAT, a Novel Polyherbal Aphrodisiac Formulation, Enhances Sexual Function and Nrf2/HO-1 Pathway While Reducing Oxidative Damage in Male Rats Published: 2018 in Evidence-based Complementary and Alternative Medicine DOI: 10.1155/2018/8521782	2
The effect of dietary colostrum powder on performance, carcass yields and serum lipid peroxidation levels in Japanese quails (<i>Coturnix coturnix japonica</i>) Published: 2018 in Journal of Applied Animal Research DOI: 10.1080/09712119.2016.1257431	2
Salacia Chinensis and Metabolic Risk Factors: in vivo Model Published: Nov 2017 in Circulation	0
Combined oral supplementation of chromium picolinate, docosahexaenoic acid, and boron enhances neuroprotection in rats fed a high-fat diet Published: Nov 2017 in Turkish Journal of Medical Sciences DOI: 10.3906/SAG-1701-54	5
Ingested capsaicinoids can prevent low-fat-high-carbohydrate diet and high-fat diet-induced obesity by regulating the NADPH oxidase and Nrf2 pathways Published: Nov 2017 in Journal of Inflammation Research DOI: 10.2147/JIR.S149087	3
Organic chromium modifies the expression of orexin and glucose transporters of ovarian in heat-stressed laying hens Published: Oct 2017 in Cellular and Molecular Biology DOI: 10.14715/CMB/2017.63.10.15	4
Lutein and zeaxanthin isomers modulates lipid metabolism and the inflammatory state of retina in obesity-induced high-fat diet rodent model Published: Jul 2017 in BMC Ophthalmology DOI: 10.1186/S12886-017-0524-1	19
Antiinflammatory and antioxidant effects of gemcitabine in collagen-induced arthritis model Published: Jun 2017 in Turkish Journal of Medical Sciences DOI: 10.3906/SAG-1606-80	1

Phytochemical Therapies in Vascular Functioning: A Molecular Approach Published: Jun 2017 in Current Vascular Pharmacology DOI: 10.2174/1570161115666170105122616	4
Cinnamon Extract Inhibit Lipids and Inflammation by Modulation of Transcription Factors: in vivo Model Published: May 2017 in Arteriosclerosis, Thrombosis, and Vascular Biology	0
Capsaicinoids improve egg production by regulating ovary nuclear transcription factors against heat stress in quail Published: Apr 2017 in British Poultry Science DOI: 10.1080/00071668.2016.1262001	1
Ingested Walnut Oil Can Prevent Low-Fat/High-Carbohydrate diet and High-Fat Diet-Induced Obesity by Modulating Metabolic Health Markers and Regulating the Expression of Genes for Metabolism Published: Apr 2017 in The FASEB Journal	2
Cinnamon Polyphenol Extract Inhibits Hyperlipidemia and Inflammation by Modulation of Transcription Factors in High-Fat Diet-Fed Rats Published: Jan 2017 in Oxidative Medicine and Cellular Longevity DOI: 10.1155/2017/1583098	28
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 Published: 2017 in Aquaculture Research DOI: 10.1111/ARE.13223	9
Arginine Silicate Inositol Complex Accelerates Cutaneous Wound Healing Published: 2017 in Biological Trace Element Research DOI: 10.1007/S12011-016-0857-2	2
Effects of the supplemental chromium form on performance and oxidative stress in broilers exposed to heat stress Published: 2017 in Poultry Science DOI: 10.3382/PS/PEX249	26
Mesozeaxanthin protects the liver and reduces cardio-metabolic risk factors in an insulin resistant rodent model Published: 2017 in Food & Nutrition Research DOI: 10.1080/16546628.2017.1353360	1
beta-Cryptoxanthin ameliorates metabolic risk factors by regulating NF-kappa B and Nrf2 pathways in insulin resistance induced by high-fat diet in rodents Published: 2017 in Food and Chemical Toxicology DOI: 10.1016/J.FCT.2017.07.008	23

Lutein and Zeaxanthin isomers (L/Zi) Modulate Photo-Oxidative Retinal Damage in an Animal Model Published: 2017 in Investigative Ophthalmology & Visual Science	0
Dietary Mango Ginger May Enhance the Exercise Performance and Reduces Lipid Profile when Combined with Treadmill Running in a Rat Model Published: 2017 in The FASEB Journal	0
3R, 3 ' R zeaxanthin Protects Retina from Photo-Oxidative Damage: in vivo model Published: 2017 in The FASEB Journal	0
Schiff Base-Poloxamer P85 Combination Prevents Prostate Cancer Progression in C57/Bl6 Mice Published: Nov 2016 in Prostate DOI: 10.1002/PROS.23229	4
Mesozeaxanthin protects retina from oxidative stress in a rat model Published: Nov 2016 in Investigative Ophthalmology & Visual Science DOI: 10.1089/JOP.2015.0154	0
Curcumin prevents muscle damage by regulating NF-kappa B and Nrf2 pathways and improves performance: an in vivo model Published: Aug 2016 in Journal of Inflammation Research DOI: 10.2147/JIR.S110873	36
Lycopene activates antioxidant enzymes and nuclear transcription factor systems in heat-stressed broilers Published: May 2016 in Poultry Science DOI: 10.3382/PS/PEW012	29
Coenzyme Q10 Supplementation Modulates NFκB and Nrf2 Pathways in Exercise Training Published: Mar 2016 in Journal of Sports Science and Medicine	
Dietary Capsaicinoids May Enhance Exercise by Effective Utilization of Lipids When Combined with Treadmill Running in a Rat Model Published: Mar 2016 in Circulation	1
Coenzyme Q10 Supplementation Modulates NF kappa B and Nrf2 Pathways in Exercise Training Published: Mar 2016 in Journal of Sports Science and Medicine	22
Ingested Capsaicinoids Can Prevent Low-Fat/High-Carbohydrate diet and High-Fat Diet-Induced Obesity by Regulating the Expression of Genes for Metabolism Published: 2016 in The FASEB Journal	1

Comparative evaluation of the sexual functions and NF-kappa B and Nrf2 pathways of some aphrodisiac herbal extracts in male rats	9
Published: 2016 in BMC Complementary and Alternative Medicine DOI: 10.1186/S12906-016-1303-X	
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Pistacia Terebinthus Coffee Protects against Thioacetamide-Induced Liver Injury in Rats	
Published: Aug 2015 in Acta Medica (Hradec Kralove, Czech Republic) DOI: 10.14712/18059694.2015.94	
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A Schiff base derivative for effective treatment of diethylnitrosamine-induced liver cancer in vivo	13
Published: Jun 2015 in Anti-Cancer Drugs DOI: 10.1097/CAD.0000000000000221	
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Chromium-histidinate ameliorates productivity in heat-stressed Japanese quails through reducing oxidative stress and inhibiting heat-shock protein expression	12
Published: Mar 2015 in British Poultry Science DOI: 10.1080/00071668.2015.1008992	
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Comparative In Vivo Evaluations of Curcumin and Its Analog Difluorinated Curcumin Against Cisplatin-Induced Nephrotoxicity (vol 157, pg 156, 2014)	1
Published: Mar 2015 in Biological Trace Element Research DOI: 10.1007/S12011-014-0198-Y	
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Anti-diabetic potential of chromium histidinate in diabetic retinopathy rats	18
Published: Feb 2015 in BMC Complementary and Alternative Medicine DOI: 10.1186/S12906-015-0537-3	
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Lycopene improves activation of antioxidant system and Nrf2/HO-1 pathway of muscle in rainbow trout (<i>Oncorhynchus mykiss</i>) with different stocking densities	15
Published: Jun 2014 in Aquaculture DOI: 10.1016/J.AQUACULTURE.2014.04.007	
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Orally Administered Lycopene Attenuates Diethylnitrosamine-Induced Hepatocarcinogenesis in Rats by Modulating Nrf-2/HO-1 and Akt/mTOR Pathways	26
Published: May 2014 in Nutrition and Cancer DOI: 10.1080/01635581.2014.894092	
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Effect of Lycopene Against Cisplatin-Induced Acute Renal Injury in Rats: Organic Anion and Cation Transporters Evaluation	20
Published: Apr 2014 in Biological Trace Element Research DOI: 10.1007/S12011-014-9914-X	

Comparative In Vivo Evaluations of Curcumin and Its Analog Difluorinated Curcumin Against Cisplatin-Induced Nephrotoxicity Published: Feb 2014 in Biological Trace Element Research DOI: 10.1007/S12011-014-9886-X	32
The effect of lycopene on antioxidant status in rainbow trout (<i>Oncorhynchus mykiss</i>) reared under high stocking density Published: Jan 2014 in Aquaculture DOI: 10.1016/J.AQUACULTURE.2013.10.009	67
Chromium modulates expressions of neuronal plasticity markers and glial fibrillary acidic proteins in hypoglycemia-induced brain injury Published: Dec 2013 in Life Sciences DOI: 10.1016/J.LFS.2013.10.009	18
The effect of <i>Cirsium arvense</i> extract on antioxidant status in quail Published: Oct 2013 in British Poultry Science DOI: 10.1080/00071668.2013.811713	4
<i>Berberis vulgaris</i> root extract alleviates the adverse effects of heat stress via modulating hepatic nuclear transcription factors in quails Published: Aug 2013 in British Journal of Nutrition DOI: 10.1017/S0007114512005648	9
Epigallocatechin-3-gallate exerts protective effects against heat stress through modulating stress-responsive transcription factors in poultry Published: Aug 2013 in British Poultry Science DOI: 10.1080/00071668.2013.806787	15
Anti-diabetic activity of chromium picolinate and biotin in rats with type 2 diabetes induced by high-fat diet and streptozotocin Published: Jul 2013 in British Journal of Nutrition DOI: 10.1017/S0007114512004850	59
Molecular targets of dietary phytochemicals for the alleviation of heat stress in poultry Published: Mar 2013 in World's Poultry Science Journal DOI: 10.1017/S004393391300010X	33
Chromium histidinate protects against heat stress by modulating the expression of hepatic nuclear transcription factors in quail Published: Dec 2012 in British Poultry Science DOI: 10.1080/00071668.2012.747084	13
The Effects of Chromium Picolinate and Chromium Histidinate Administration on NF-kappa B and Nrf2/HO-1 Pathway in the Brain of Diabetic Rats Published: Dec 2012 in Biological Trace Element Research DOI: 10.1007/S12011-012-9475-9	29

Curcumin ameliorates heat stress via inhibition of oxidative stress and modulation of Nrf2/HO-1 pathway in quail Published: Nov 2012 in Food and Chemical Toxicology DOI: 10.1016/J.FCT.2012.08.029	72
Tomato powder in laying hen diets: effects on concentrations of yolk carotenoids and lipid peroxidation Published: Oct 2012 in British Poultry Science DOI: 10.1080/00071668.2012.729142	33
Chromium Picolinate Modulates Serotonergic Properties and Carbohydrate Metabolism in a Rat Model of Diabetes Published: Oct 2012 in Biological Trace Element Research DOI: 10.1007/S12011-012-9393-X	20
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 Published: Sep 2012 in Nutritional Neuroscience DOI: 10.1179/1476830512Y.0000000018	12
Allopurinol Ameliorates Thioacetamide-Induced Acute Liver Failure by Regulating Cellular Redox-Sensitive Transcription Factors in Rats Published: Aug 2012 in Inflammation DOI: 10.1007/S10753-012-9470-5	28
Nadroparin Sodium Activates Nrf2/HO-1 Pathway in Acetic Acid-Induced Colitis in Rats Published: Jun 2012 in Inflammation DOI: 10.1007/S10753-012-9431-Z	15
Resveratrol protects quail hepatocytes against heat stress: modulation of the Nrf2 transcription factor and heat shock proteins Published: Feb 2012 in Journal of Animal Physiology and Animal Nutrition DOI: 10.1111/J.1439-0396.2010.01123.X	62
The Effects of Chromium Complex and Level on Glucose Metabolism and Memory Acquisition in Rats Fed High-Fat Diet Published: Nov 2011 in Biological Trace Element Research DOI: 10.1007/S12011-010-8905-9	29
Gemcitabine Ameliorates Experimental Arthritis in Rats Published: Oct 2011 in Arthritis & Rheumatology	0
The Efficacy and Safety of a Novel Injectable Cr-Insulin Formulation for the Treatment of Type 1 Diabetes Published: Jul 2011 in Diabetes	0

Tomato powder supplementation activates Nrf-2 via ERK/Akt signaling pathway and attenuates heat stress-related responses in quails Published: May 2011 in Animal Feed Science and Technology DOI: 10.1016/J.ANIFEEDSCI.2011.03.003	24
Impact of chromium histidinate on high fat diet induced obesity in rats Published: May 2011 in Nutrition & Metabolism DOI: 10.1186/1743-7075-8-28	41
Preventive and Therapeutic Effects of Epigallocatechin-3-Gallate (EGCG) on Collagen-Induced Arthritis in Rats Published: 2011 in Arthritis & Rheumatism-arthritis Care & Research	0
Chromium Picolinate and Chromium Histidinate Protect the Brain Against High-Fat Diet and Streptozotocin-Induced Diabetes by Suppressing the NF-kappa B Pathway Published: 2011 in Diabetes	0
Epigallocatechin-3-gallate prevents lipid peroxidation and enhances antioxidant defense system via modulating hepatic nuclear transcription factors in heat-stressed quails Published: Oct 2010 in Poultry Science DOI: 10.3382/PS.2010-00749	76
Effects of dietary resveratrol supplementation on egg production and antioxidant status Published: Jun 2010 in Poultry Science DOI: 10.3382/PS.2010-00635	44
Effects of dietary resveratrol supplementation on egg production and egg yolk lipid peroxidation Published: 2010 in Journal of Dairy Science	0
Effects of dietary polyunsaturation level and genistein supplementation on performance and meat quality in quails reared under heat stress Published: 2010 in Journal of Dairy Science	0
The Effects of Chromium Histidinate on Mineral Status of Serum and Tissue in Fat-Fed and Streptozotocin-Treated Type II Diabetic Rats Published: Nov 2009 in Biological Trace Element Research DOI: 10.1007/S12011-009-8351-8	57
The effects of vitamin C and E supplementation on heat shock protein 70 response of ovary and brain in heat-stressed quail Published: Mar 2009 in British Poultry Science DOI: 10.1080/00071660902758981	31

Effects of dietary arginine silicate inositol complex on mineral status in rainbow trout (<i>Oncorhynchus mykiss</i>)	3
Published: Jun 2008 in <i>Aquaculture Nutrition</i> DOI: 10.1111/J.1365-2095.2007.00526.X	
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The effects of tomato powder supplementation on performance and lipid peroxidation in quail	51
Published: Feb 2008 in <i>Poultry Science</i> DOI: 10.3382/PS.2007-00207	
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Lycopene-enriched quail egg as functional food for humans	35
Published: Jan 2008 in <i>Food Research International</i> DOI: 10.1016/J.FOODRES.2007.12.006	
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Protective role of genistein in acute liver damage induced by carbon tetrachloride	37
Published: 2007 in <i>Mediators of Inflammation</i> DOI: 10.1155/2007/36381	
