

Asmaa Fahmy Khafaga

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9209278/publications.pdf>

Version: 2024-02-01

99
papers

4,455
citations

94269

37
h-index

118652

62
g-index

102
all docs

102
docs citations

102
times ranked

3809
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial and antioxidant properties of chitosan and its derivatives and their applications: A review. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2726-2744.	3.6	403
2	The role of matrix metalloproteinases in osteoarthritis pathogenesis: An updated review. <i>Life Sciences</i> , 2019, 234, 116786.	2.0	287
3	Probiotics in poultry feed: A comprehensive review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1835-1850.	1.0	186
4	Heat stress management in poultry farms: A comprehensive overview. <i>Journal of Thermal Biology</i> , 2019, 84, 414-425.	1.1	143
5	Omega-3 and Omega-6 Fatty Acids in Poultry Nutrition: Effect on Production Performance and Health. <i>Animals</i> , 2019, 9, 573.	1.0	129
6	Microalgae in modern cancer therapy: Current knowledge. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 42-50.	2.5	123
7	Using essential oils to overcome bacterial biofilm formation and their antimicrobial resistance. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5145-5156.	1.8	117
8	Dietary oregano essential oil improved the growth performance via enhancing the intestinal morphometry and hepato-renal functions of common carp (<i>Cyprinus carpio</i> L.) fingerlings. <i>Aquaculture</i> , 2020, 526, 735432.	1.7	111
9	Effects of Dietary Biological or Chemical-Synthesized Nano-Selenium Supplementation on Growing Rabbits Exposed to Thermal Stress. <i>Animals</i> , 2020, 10, 430.	1.0	102
10	Phytochemical control of poultry coccidiosis: a review. <i>Poultry Science</i> , 2022, 101, 101542.	1.5	99
11	Cinnamon (<i>Cinnamomum zeylanicum</i>) Oil as a Potential Alternative to Antibiotics in Poultry. <i>Antibiotics</i> , 2020, 9, 210.	1.5	92
12	Use of Licorice (<i>Glycyrrhiza glabra</i>) Herb as a Feed Additive in Poultry: Current Knowledge and Prospects. <i>Animals</i> , 2019, 9, 536.	1.0	91
13	Dietary origanum essential oil improved antioxidative status, immune-related genes, and resistance of common carp (<i>Cyprinus carpio</i> L.) to <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2020, 104, 1-7.	1.6	91
14	Impacts of rare earth elements on animal health and production: Highlights of cerium and lanthanum. <i>Science of the Total Environment</i> , 2019, 672, 1021-1032.	3.9	90
15	Stress biomarkers and proteomics alteration to thermal stress in ruminants: A review. <i>Journal of Thermal Biology</i> , 2019, 79, 120-134.	1.1	89
16	Herbs as thermoregulatory agents in poultry: An overview. <i>Science of the Total Environment</i> , 2020, 703, 134399.	3.9	84
17	Approaches to prevent and control <i>Campylobacter</i> spp. colonization in broiler chickens: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4989-5004.	2.7	83
18	Natural co-infection of cultured Nile tilapia (<i>Oreochromis niloticus</i>) with <i>Aeromonas hydrophila</i> and <i>Gyrodactylus cichlidarum</i> experiencing high mortality during summer. <i>Aquaculture Research</i> , 2020, 51, 1880-1892.	0.9	76

#	ARTICLE	IF	CITATIONS
19	The beneficial impacts of dietary phycocyanin supplementation on growing rabbits under high ambient temperature. <i>Italian Journal of Animal Science</i> , 2020, 19, 1046-1056.	0.8	73
20	Ginger and Its Derivatives as Promising Alternatives to Antibiotics in Poultry Feed. <i>Animals</i> , 2020, 10, 452.	1.0	73
21	Spirulina ameliorates methotrexate hepatotoxicity via antioxidant, immune stimulation, and proinflammatory cytokines and apoptotic proteins modulation. <i>Life Sciences</i> , 2018, 196, 9-17.	2.0	72
22	Potential role of important nutraceuticals in poultry performance and health - A comprehensive review. <i>Research in Veterinary Science</i> , 2021, 137, 9-29.	0.9	71
23	Spirulina platensis ameliorates the sub chronic toxicities of lead in rabbits via anti-oxidative, anti-inflammatory, and immune stimulatory properties. <i>Science of the Total Environment</i> , 2020, 701, 134879.	3.9	67
24	Biomonitoring of Heavy Metal Pollution Using Acanthocephalans Parasite in Ecosystem: An Updated Overview. <i>Animals</i> , 2020, 10, 811.	1.0	65
25	Nutritional Aspects and Health Benefits of Bioactive Plant Compounds against Infectious Diseases: A Review. <i>Food Reviews International</i> , 2023, 39, 2138-2160.	4.3	63
26	Phytogenic Products and Phytochemicals as a Candidate Strategy to Improve Tolerance to Coronavirus. <i>Frontiers in Veterinary Science</i> , 2020, 7, 573159.	0.9	61
27	Necrotic enteritis in broiler chickens: disease characteristics and prevention using organic antibiotic alternatives “a comprehensive review. <i>Poultry Science</i> , 2022, 101, 101590.	1.5	61
28	The potential modulatory role of herbal additives against Cd toxicity in human, animal, and poultry: a review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4588-4604.	2.7	60
29	Dietary <i>Origanum vulgare</i> essential oil attenuates cypermethrin-induced biochemical changes, oxidative stress, histopathological alterations, apoptosis, and reduces DNA damage in Common carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2020, 228, 105624.	1.9	55
30	Chloroquine and Hydroxychloroquine for the Prevention and Treatment of COVID-19: A Fiction, Hope or Hype? An Updated Review. <i>Therapeutics and Clinical Risk Management</i> , 2021, Volume 17, 371-387.	0.9	50
31	The control of poultry salmonellosis using organic agents: an updated overview. <i>Poultry Science</i> , 2022, 101, 101716.	1.5	47
32	The new aspects of using some safe feed additives on alleviated imidacloprid toxicity in farmed fish: a review. <i>Reviews in Aquaculture</i> , 2020, 12, 2250-2267.	4.6	46
33	The adaptogenic anti-ageing potential of resveratrol against heat stress-mediated liver injury in aged rats: Role of HSP70 and NF- κ B signalling. <i>Journal of Thermal Biology</i> , 2019, 83, 8-21.	1.1	45
34	Putative impacts of phytogenic additives to ameliorate lead toxicity in animal feed. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23209-23218.	2.7	44
35	All-trans-retinoic acid ameliorates doxorubicin-induced cardiotoxicity: in vivo potential involvement of oxidative stress, inflammation, and apoptosis via caspase-3 and p53 down-expression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 59-70.	1.4	43
36	Thiamethoxam induced hepatotoxicity and pro-carcinogenicity in rabbits via motivation of oxidative stress, inflammation, and anti-apoptotic pathway. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4678-4689.	2.7	42

#	ARTICLE	IF	CITATIONS
37	The Strategy of Boosting the Immune System Under the COVID-19 Pandemic. <i>Frontiers in Veterinary Science</i> , 2020, 7, 570748.	0.9	42
38	Thermal stress accelerates mercury chloride toxicity in <i>Oreochromis niloticus</i> via up-regulation of mercury bioaccumulation and HSP70 mRNA expression. <i>Science of the Total Environment</i> , 2020, 718, 137326.	3.9	40
39	Beneficial effects and health benefits of Astaxanthin molecules on animal production: A review. <i>Research in Veterinary Science</i> , 2021, 138, 69-78.	0.9	39
40	Potential use of chromium to combat thermal stress in animals: A review. <i>Science of the Total Environment</i> , 2020, 707, 135996.	3.9	38
41	A novel "smart" PNIPAM-based copolymer for breast cancer targeted therapy: Synthesis, and characterization of dual pH/temperature-responsive lactoferrin-targeted PNIPAM-co-AA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111694.	2.5	38
42	The application of the microalgae <i>Chlorella</i> spp. as a supplement in broiler feed. <i>World's Poultry Science Journal</i> , 2019, 75, 305-318.	1.4	36
43	L-theanine: an astounding sui generis amino acid in poultry nutrition. <i>Poultry Science</i> , 2020, 99, 5625-5636.	1.5	34
44	The Role of MicroRNAs in Muscle Tissue Development in Beef Cattle. <i>Genes</i> , 2020, 11, 295.	1.0	34
45	Moringa Oleifera Leaf Extract Repairs the Oxidative Misbalance following Sub-Chronic Exposure to Sodium Fluoride in Nile Tilapia <i>Oreochromis niloticus</i> . <i>Animals</i> , 2020, 10, 626.	1.0	33
46	Impacts of Strain Variation on Response to Heat Stress and Boldo Extract Supplementation to Broiler Chickens. <i>Animals</i> , 2020, 10, 24.	1.0	32
47	The Toxicological Aspects of the Heat-Borne Toxicant 5-Hydroxymethylfurfural in Animals: A Review. <i>Molecules</i> , 2020, 25, 1941.	1.7	31
48	Advances of Molecular Markers and Their Application for Body Variables and Carcass Traits in Qinchuan Cattle. <i>Genes</i> , 2019, 10, 717.	1.0	30
49	Thymoquinone-PLGA-PVA Nanoparticles Ameliorate Bleomycin-Induced Pulmonary Fibrosis in Rats via Regulation of Inflammatory Cytokines and iNOS Signaling. <i>Animals</i> , 2019, 9, 951.	1.0	29
50	Exogenous phosphatidylcholine supplementation retrieve aluminum-induced toxicity in male albino rats. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15589-15598.	2.7	28
51	Dietary supplementation of silver-silica nanoparticles promotes histological, immunological, ultrastructural, and performance parameters of broiler chickens. <i>Scientific Reports</i> , 2021, 11, 4166.	1.6	27
52	The Applications of <i>Origanum Vulgare</i> and Its Derivatives in Human, Ruminant and Fish Nutrition – A Review. <i>Annals of Animal Science</i> , 2020, 20, 389-407.	0.6	26
53	The Usefulness of Retinoic Acid Supplementation during in Vitro Oocyte Maturation for the in Vitro Embryo Production of Livestock: A Review. <i>Animals</i> , 2019, 9, 561.	1.0	25
54	Influence of COVID-19 on the poultry production and environment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44833-44844.	2.7	25

#	ARTICLE	IF	CITATIONS
55	Poultry Production and Sustainability in Developing Countries under the COVID-19 Crisis: Lessons Learned. <i>Animals</i> , 2022, 12, 644.	1.0	25
56	COVID-19: pathogenesis, advances in treatment and vaccine development and environmental impactâ€”an updated review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22241-22264.	2.7	24
57	Herbal Medicine Additives as Powerful Agents to Control and Prevent Avian Influenza Virus in Poultry â€” A Review. <i>Annals of Animal Science</i> , 2019, 19, 905-935.	0.6	24
58	Betaine and related compounds: Chemistry, metabolism and role in mitigating heat stress in poultry. <i>Journal of Thermal Biology</i> , 2022, 104, 103168.	1.1	23
59	Effects of phytogetic feed additives on the reproductive performance of animals. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5816-5822.	1.8	22
60	Impact of Ginkgo biloba Extract on Reproductive Toxicity Induced by Single or Repeated Injection of Cisplatin in Adult Male Rats. <i>International Journal of Pharmacology</i> , 2016, 12, 340-350.	0.1	20
61	Beneficial effects of rumen-protected methionine on nitrogen-use efficiency, histological parameters, productivity and reproductive performance of ruminants. <i>Animal Biotechnology</i> , 2021, 32, 51-66.	0.7	19
62	Ginkgo biloba Extract Attenuates Hematological Disorders, Oxidative Stress and Nephrotoxicity Induced by Single or Repeated Injection Cycles of Cisplatin in rats: Physiological and Pathological Studies. <i>Asian Journal of Animal Sciences</i> , 2016, 10, 235-246.	0.3	17
63	Enhancement of Equid Distal Limb Wounds Healing by Topical Application of Silver Nanoparticles. <i>Journal of Equine Veterinary Science</i> , 2018, 61, 76-87.	0.4	16
64	Cellular and functional adaptation to thermal stress in ovarian granulosa cells in mammals. <i>Journal of Thermal Biology</i> , 2020, 92, 102688.	1.1	16
65	High Salt Diet Affects the Reproductive Health in Animals: An Overview. <i>Animals</i> , 2020, 10, 590.	1.0	16
66	Boswellia serrata suppress fipronil-induced neuronal necrosis and neurobehavioral alterations via promoted inhibition of oxidative/inflammatory/apoptotic pathways. <i>Science of the Total Environment</i> , 2021, 785, 147384.	3.9	16
67	Green self-assembled lactoferrin carboxymethyl cellulose nanogels for synergistic chemo/herbal breast cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112657.	2.5	16
68	Growth, immunity, relative gene expression, carcass traits and economic efficiency of two rabbit breeds fed prebiotic supplemented diets. <i>Animal Biotechnology</i> , 2022, 33, 417-428.	0.7	15
69	The use of black pepper (<i>Piper guineense</i>) as an ecofriendly antimicrobial agent to fight foodborne microorganisms. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10894-10907.	2.7	14
70	Diversity of Coronaviruses with Particular Attention to the Interspecies Transmission of SARS-CoV-2. <i>Animals</i> , 2022, 12, 378.	1.0	14
71	Celecoxib repurposing in cancer therapy: molecular mechanisms and nanomedicine-based delivery technologies. <i>Nanomedicine</i> , 2021, 16, 1691-1712.	1.7	13
72	Recent Development in Bioactive Peptides from Plant and Animal Products and Their Impact on the Human Health. <i>Food Reviews International</i> , 2023, 39, 511-536.	4.3	12

#	ARTICLE	IF	CITATIONS
73	Impacts of tea tree or lemongrass essential oils supplementation on growth, immunity, carcass traits, and blood biochemical parameters of broilers reared under different stocking densities. <i>Poultry Science</i> , 2021, 100, 101443.	1.5	12
74	The Influences of Various Housing Systems on Growth, Carcass Traits, Meat Quality, Immunity and Oxidative Stress of Meat-Type Ducks. <i>Animals</i> , 2020, 10, 410.	1.0	11
75	COVID-19 pandemic: impacts on bees, beekeeping, and potential role of bee products as antiviral agents and immune enhancers. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9592-9605.	2.7	11
76	Therapeutic Potential of Thymoquinone and Its Nanoformulations in Pulmonary Injury: A Comprehensive Review. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5117-5131.	3.3	10
77	Molecular, functional, and cellular alterations of oocytes and cumulus cells induced by heat stress and shock in animals. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38472-38490.	2.7	8
78	Oral administration of silver nanoparticles adorned starch as a growth promotor in poultry: Immunological and histopathological study. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 830-839.	3.6	8
79	Zinc oxide nanoparticles induce dose-dependent toxicosis in broiler chickens reared in summer season. <i>Environmental Science and Pollution Research</i> , 2022, 29, 54088-54107.	2.7	8
80	The first identification of contagious caprine pleuropneumonia (CCPP) in sheep and goats in Egypt: molecular and pathological characterization. <i>Tropical Animal Health and Production</i> , 2020, 52, 1179-1186.	0.5	6
81	Sidr honey abrogates the oxidative stress and downregulates the hyaluronic acid concentration and gene expression of TGF β 21 and COL1a1 in rat model of thioacetamide induced hepatic fibrosis. <i>Animal Science Journal</i> , 2020, 91, e13434.	0.6	5
82	<i>Nigella sativa</i> Seeds and Its Derivatives in Fish Feed. <i>Food Bioactive Ingredients</i> , 2021, , 297-315.	0.3	4
83	Ageing-Related Functional and Structural Changes in Renal Tissues: Lesson from a Camel Model. <i>Microscopy and Microanalysis</i> , 2021, 27, 566-578.	0.2	4
84	Pathological Evaluation of The Effect of Zinc Oxide Nanoparticles on Chromium-Induced Reproductive Toxicity in Male Albino Rats. <i>Alexandria Journal of Veterinary Sciences</i> , 2017, 53, 24.	0.0	4
85	2, 3-Dimethylsuccinic acid and fulvic acid attenuate lead-induced oxidative misbalance in brain tissues of Nile tilapia <i>Oreochromis niloticus</i> . <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	4
86	Molecular and Pathological Analysis of Chicken Anemia Virus Isolated from Field Infection in Three Egyptian Provinces. <i>Advances in Animal and Veterinary Sciences</i> , 2016, 4, 218-229.	0.1	3
87	Impact of Oral Supplementation of Different Levels of Tamoxifen on Productive and Reproductive Efficiencies and Carcass Traits of Avian48 and Arbor Acres Broilers. <i>Animals</i> , 2020, 10, 1367.	1.0	2
88	Enhancing <i>in vitro</i> oocyte maturation competence and embryo development in farm animals: roles of vitamin-based antioxidants – A review. <i>Annals of Animal Science</i> , 2022, 22, 3-19.	0.6	2
89	<i>Nigella sativa</i> Supplementation in Ruminant Diets: Production, Health, and Environmental Perspectives. <i>Food Bioactive Ingredients</i> , 2021, , 245-264.	0.3	2
90	<i>Nigella sativa</i> Seeds and Its Derivatives in Poultry Feed. <i>Food Bioactive Ingredients</i> , 2021, , 265-296.	0.3	2

#	ARTICLE	IF	CITATIONS
91	Health-Promoting Activities of Nigella sativa Essential Oil. Food Bioactive Ingredients, 2021, , 457-478.	0.3	2
92	Pathological and Immunohistochemical Microscopy of Natural Cases of Canine and Feline Neoplastic Mammary Lesions. Microscopy and Microanalysis, 2021, 27, 910-922.	0.2	1
93	Potential Ameliorative Effects of Alpha Lipoic Acid and Silymarin on Thioacetamide-Induced Hepatic Damage in Rats. Alexandria Journal of Veterinary Sciences, 2017, 54, 117.	0.0	1
94	Osteoblast-activating peptide exhibits a specific distribution pattern in mouse ovary and may regulate ovarian steroids and local calcium levels. American Journal of Translational Research (discontinued), 2021, 13, 5796-5814.	0.0	1
95	Beneficial outcomes of cancer therapeutic modalities based on targeting apoptosis. Current Drug Targets, 2022, 23, .	1.0	1
96	Role of HSP in the Pathogenesis of Age-Related Inflammatory Diseases. Heat Shock Proteins, 2020, , 1.	0.2	0
97	Expression of Acute Phase Protein, Glial Fibrillary Acidic Protein, Epithelial Cadherin, and S100 Protein in Brain Tissues from Natural Cases of Ovine Encephalitic Listeriosis. Microscopy and Microanalysis, 2021, 27, 604-612.	0.2	0
98	Emerging Therapeutic Potential of Short Mitochondrial-produced Peptides for Anabolic Osteogenesis. International Journal of Peptide Research and Therapeutics, 2022, 28, 1.	0.9	0
99	The applications of cerium oxide nanoform and its ecotoxicity in the aquatic environment: an updated insight. Aquatic Living Resources, 2022, 35, 9.	0.5	0