



جامعة المنوفية
كلية الطب البيطري
إدارة المكتبة

List of internationally published research from 2020 to 2026

Name of the faculty member \Ibrahim Farag Mohammed Rehan

S.	Research Title	Journal Name	Year	IF	Q
1	Reproductive and immune-related consequences of <i>Achillea fragrantissima</i> (Forssk.) in male rats via modulation of steroidogenesis- and immune-related gene expression	Frontiers in Veterinary Science	2026	2.9	Q1
2	Attenuation of carbon tetrachloride-induced male reproductive damage in albino laboratory rats using varying concentrations of supplemented soybean	Open Veterinary Journal	2026	1	Q3
3	Comparable organ weights and histopathological changes following dexamethasone administration during pregnancy in rats	Open Veterinary Journal	2026	1	Q3
4	Evaluation of exterior traits in selected pigeon breeds – Part I: Pouters and Croppers	Int. Journal of Avian & Wildlife Biology	2026	0.2	Q4
5	Mouth–heart axis: Contribution of oral dysbiotic bacteria in the initiation and development of cardiovascular diseases	One Health Microbiology & Infection	2026	—	—
6	Incidence of subclinical and clinical mastitis in dairy cows, their etiology, and impact on reproductive performance indicators	Int. Journal of Veterinary Science & Agriculture Research	2026	—	—
7	Therapeutic potential of branched-chain amino acids against carbon tetrachloride-induced cardiopulmonary injuries in Wistar rats	Open Veterinary Journal	2025	1	Q3
8	Green synthesis of silver nanoparticles and their inhibitory effects on resistant udder pathogens	Journal of Applied Animal Research	2025	1.9	Q2
9	Dissecting differences between positive and negative brain health sentiment using X (Twitter) data	Frontiers in Digital Health	2025	3.8	Q1
10	Impact of marjoram, basil, and thyme supplementation on behavior, welfare indices, and immune responses of commercial broilers	Menoufia Veterinary Medical Journal	2025	—	—
11	Enhancing fermentation quality and fiber degradation of <i>Phragmites australis</i> silage using <i>Bacillus subtilis</i> and lactic acid bacteria consortia	Frontiers in Veterinary Science	2025	2.9	Q1
12	Immune enhancement and disease resistance against <i>Aeromonas hydrophila</i> via dietary <i>Lactobacillus plantarum</i> -fermented <i>Moringa oleifera</i> in Nile tilapia	Frontiers in Veterinary Science	2025	2.9	Q1



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13	Effects of management conditions on growth performance, behavior, gene expression, carcass characteristics, and stress indicators in broiler chickens	Frontiers in Veterinary Science	2025	2.9	Q1
14	Therapeutic impact of dietary ginger supplementation in chickens experimentally infected with coccidia: antioxidant, biochemical, and pathological evaluations	Frontiers in Veterinary Science	2025	2.9	Q1
15	Effects of sustained dexamethasone treatment on anxiety- and depression-related behaviors in pregnant rats	Sohag Journal of Sciences	2025	—	—
16	Biomimetic strategies for the deputization of proteoglycan functions	Frontiers in Cell & Developmental Biology	2024	4.3	Q1
17	Hematological and biochemical changes during the periparturient period in fat-tailed ewes	SVU-International Journal Vet Sciences	2024	—	—
18	Comparative evaluation of cultivation-based diagnostic methods for mastitis detection in dairy cows	J. Microbiology Biotechnology Food Sciences	2024	0.8	Q4
19	Assessment of slaughterhouse hygiene based on microbiological surface contamination analysis	J. Microbiology Biotechnology Food Sciences	2024	0.8	Q4
20	Nephrotoxic and pulmonary effects of excessive garlic (<i>Allium sativum</i>) consumption at maternal and embryonic levels in rats	Journal of Applied Animal Research	2023	1.9	Q2
21	Hematological alterations and oxidative stress responses following nitrate toxicity in goats fed cabbage	Journal of Applied Animal Research	2023	1.9	Q2
22	Ozonated saline intradermal injection as a therapeutic approach for accelerated wound healing in diabetic rats	Frontiers in Veterinary Science	2023	2.9	Q2
23	Effects of mineral-vitamin premix supplementation on behavior, hormonal balance, oxidative stress, and performance in rutting male camels	Frontiers in Veterinary Science	2023	2.9	Q1
24	Genetic and toxicological effects of chemically and biosynthesized titanium dioxide nanoparticles in female rats and their fetuses	Frontiers in Veterinary Science	2023	2.9	Q1
25	Risk assessment of toxic residues in freshwater and marine fish species and their implications for public health	Frontiers in Veterinary Science	2023	2.9	Q1
26	Biofilm-forming ability of <i>Staphylococcus aureus</i> isolated from mastitic milk and farm environments	Veterinary Sciences	2023	2.4	Q2
27	Effects of humic acids on early developmental stages of African cichlids during artificial breeding	Life	2023	3.4	Q2
28	Modulation of immunity, antioxidant status, and performance by dietary <i>Origanum majorana</i> in broilers	Life	2023	3.4	Q2
29	Impact of dietary egg yolk IgY supplementation on behavior, physiology, meat quality, and intestinal <i>Escherichia coli</i> colonization in broilers	Frontiers in Veterinary Science	2022	2.9	Q2



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30	Immunostimulatory effects of neem (<i>Azadirachta indica</i>) extract prior to vaccination against chicken infectious anemia	Slovenian Veterinary Research	2023	0.6	Q4
31	Ameliorative effects of oxytocin on metabolic and behavioral parameters in obesity-induced diabetes	Frontiers in Public Health	2022	3.4	Q1
32	Health risk assessment of organochlorine pesticide residues in seafood	Frontiers in Veterinary Science	2022	2.9	Q1
33	Effects of dietary <i>Spirulina platensis</i> on growth performance, biochemical parameters, and economic efficiency in broilers	Life	2022	3.4	Q2
34	Occurrence of mastitis in dairy herds and detection of virulence factors in <i>Staphylococcus</i> spp.	IntechOpen	2022	—	—
35	Factors contributing to increased COVID-19 risk in patients with diabetes: a critical review	Frontiers in Public Health	2021	3.4	Q1
36	Chicken egg yolk IgY as a potential targeted passive immunotherapy for COVID-19	Journal of Applied Veterinary Sciences	2021	0.2	Q4
37	Functional glycomics and anxiety-related behaviors in mouse models under different housing conditions	Advances in Animal & Vet Sciences	2021	0.9	Q4
38	Forced exercise activates the Nrf2 pathway and improves motor deficits in a rotenone-induced Parkinson's disease model	Behavioral and Brain Functions	2020	3.3	Q1
39	Effects of probiotics and egg yolk IgY on behavior and immune response in broiler chickens under stress conditions	Frontiers in Veterinary Science	2020	2.9	Q1
40	Egg yolk IgY as a novel feed additive to improve poultry performance and reduce antibiotic usage	Frontiers in Veterinary Science	2020	2.9	Q1
41	Sialylated N-glycan profiling during acute and chronic <i>Toxoplasma gondii</i> infection in mice	Scientific Reports	2020	3.9	Q1
42	Biosynthesis of silver and gold nanoparticles using <i>Pleurotus sajor-caju</i> and their anticancer activity	Molecules	2020	4.6	Q1
43	Health risk assessment of heavy metal contamination in cattle and associated human exposure	Journal of Advanced Vet & Animal Research	2020	1.5	Q2
44	Nutritional characterization of processed beef products in Egypt	Journal of Advanced Vet & Animal Research	2020	1.5	Q2
45	Application of infrared thermography in monitoring musculoskeletal adaptation in racehorses	Journal of Equine Veterinary Science	2020	1.6	Q2
46	Effects of organic selenium supplementation on behavior, performance, and stress in ducks	Journal of Animal Health & Production	2020	0.3	Q4