

Abdul Rahman Omar

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

1,784
citations

257101

24
h-index

329751

37
g-index

99
all docs

99
docs citations

99
times ranked

2185
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Molecular characterization and pathogenicity of novel Malaysian chicken astrovirus isolates. <i>Avian Pathology</i> , 2022, 51, 51-65. | 0.8 | 7 |
| 2 | Efficacy of genotype-matched Newcastle disease virus vaccine formulated in carboxymethyl sago starch acid hydrogel in chickens vaccinated via different routes. <i>Journal of Veterinary Science</i> , 2022, 23, . | 0.5 | 3 |
| 3 | Expression of Toll-like receptors 3, 7, 9 and cytokines in feline infectious peritonitis virus-infected CRFK cells and feline peripheral monocytes. <i>Journal of Veterinary Science</i> , 2022, 23, e27. | 0.5 | 1 |
| 4 | An Insight into the Molecular Characteristics and Associated Pathology of Chicken Astroviruses. <i>Viruses</i> , 2022, 14, 722. | 1.5 | 6 |
| 5 | Alteration in the Population of Intraepithelial Lymphocytes and Virus Shedding in Specific-Pathogen-Free Chickens Following Inoculation with Lentogenic and Velogenic Newcastle Disease Virus Strains. <i>Viral Immunology</i> , 2022, , . | 0.6 | 2 |
| 6 | Clinical and Preclinical Studies of Fermented Foods and Their Effects on Alzheimer's Disease. <i>Antioxidants</i> , 2022, 11, 883. | 2.2 | 21 |
| 7 | Molecular characterization of Malaysian fowl adenovirus (FAdV) serotype 8b species E and pathogenicity of the virus in specific-pathogen-free chicken. <i>Journal of Veterinary Science</i> , 2021, 22, e42. | 0.5 | 6 |
| 8 | Molecular detection of feline leukemia virus in clinically ill cats in Klang Valley, Malaysia. <i>Veterinary World</i> , 2021, 14, 405-409. | 0.7 | 0 |
| 9 | Development of TaqMan-based real-time RT-PCR assay based on N gene for the quantitative detection of feline morbillivirus. <i>BMC Veterinary Research</i> , 2021, 17, 128. | 0.7 | 1 |
| 10 | Genetic Diversity of Recent Infectious Bursal Disease Viruses Isolated From Vaccinated Poultry Flocks in Malaysia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 643976. | 0.9 | 27 |
| 11 | Kefir and Its Biological Activities. <i>Foods</i> , 2021, 10, 1210. | 1.9 | 74 |
| 12 | Functional prediction of de novo uni-genes from chicken transcriptomic data following infectious bursal disease virus at 3-days post-infection. <i>BMC Genomics</i> , 2021, 22, 461. | 1.2 | 1 |
| 13 | Review of Dendritic Cells, Their Role in Clinical Immunology, and Distribution in Various Animal Species. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8044. | 1.8 | 40 |
| 14 | A Recommendation for a Pre-Standardized Marine Microalgal Dry Weight Determination Protocol for Laboratory Scale Culture Using Ammonium Formate as a Washing Agent. <i>Biology</i> , 2021, 10, 799. | 1.3 | 0 |
| 15 | Bioinformatics analysis of rhinovirus capsid proteins VP1-4 sequences for cross-serotype vaccine development. <i>Journal of Infection and Public Health</i> , 2021, 14, 1603-1611. | 1.9 | 2 |
| 16 | The Critical Studies of Fucoxanthin Research Trends from 1928 to June 2021: A Bibliometric Review. <i>Marine Drugs</i> , 2021, 19, 606. | 2.2 | 19 |
| 17 | Effects of supplementing freeze-dried <i>Mitsukella jalaludinii</i> phytase on the growth performance and gut microbial diversity of broiler chickens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 116-125. | 1.0 | 2 |
| 18 | Differential expression of immune-related genes in the bursa of Fabricius of two inbred chicken lines following infection with very virulent infectious bursal disease virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 68, 101399. | 0.7 | 9 |

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|----|---|-----|-----------|
| 19 | Protective efficacy of inactivated Newcastle disease virus vaccines prepared in two different oil-based adjuvants. <i>Onderstepoort Journal of Veterinary Research</i> , 2020, 87, e1-e7. | 0.6 | 5 |
| 20 | Development and immunogenic potentials of chitosan-saponin encapsulated DNA vaccine against avian infectious bronchitis coronavirus. <i>Microbial Pathogenesis</i> , 2020, 149, 104560. | 1.3 | 14 |
| 21 | Characterization of S1 gene sequence variations of attenuated QX-like and variant infectious bronchitis virus strains and the pathogenicity of the viruses in specific-pathogen-free chickens. <i>Archives of Virology</i> , 2020, 165, 2777-2788. | 0.9 | 2 |
| 22 | Virus-like Particle Vaccines: A Prospective Panacea Against an Avian Influenza Panzootic. <i>Vaccines</i> , 2020, 8, 694. | 2.1 | 8 |
| 23 | Addendum: Ng, S.W. et al. Cellular Metabolic Profiling of CrFK Cells Infected with Feline Infectious Peritonitis Virus Using Phenotype Microarrays. <i>Pathogens</i> 2020, 9, 412. <i>Pathogens</i> , 2020, 9, 931. | 1.2 | 0 |
| 24 | Transcriptome analysis of chicken intraepithelial lymphocyte natural killer cells infected with very virulent infectious bursal disease virus. <i>Scientific Reports</i> , 2020, 10, 18348. | 1.6 | 6 |
| 25 | Propagation and Molecular Characterization of Fowl Adenovirus Serotype 8b Isolates in Chicken Embryo Liver Cells Adapted on Cytodexâ,¢ 1 Microcarrier Using Stirred Tank Bioreactor. <i>Processes</i> , 2020, 8, 1065. | 1.3 | 3 |
| 26 | Exposure to Zoonotic West Nile Virus in Long-Tailed Macaques and Bats in Peninsular Malaysia. <i>Animals</i> , 2020, 10, 2367. | 1.0 | 7 |
| 27 | Cellular Metabolic Profiling of CrFK Cells Infected with Feline Infectious Peritonitis Virus Using Phenotype Microarrays. <i>Pathogens</i> , 2020, 9, 412. | 1.2 | 5 |
| 28 | Identification of Reference Genes in Chicken Intraepithelial Lymphocyte Natural Killer Cells Infected with Very-virulent Infectious Bursal Disease Virus. <i>Scientific Reports</i> , 2020, 10, 8561. | 1.6 | 11 |
| 29 | Development of an Effective and Stable Genotype-Matched Live Attenuated Newcastle Disease Virus Vaccine Based on a Novel Naturally Recombinant Malaysian Isolate Using Reverse Genetics. <i>Vaccines</i> , 2020, 8, 270. | 2.1 | 16 |
| 30 | <i>In Vitro</i> Evaluation of Curcumin-Encapsulated Chitosan Nanoparticles against Feline Infectious Peritonitis Virus and Pharmacokinetics Study in Cats. <i>BioMed Research International</i> , 2020, 2020, 1-18. | 0.9 | 17 |
| 31 | Evidence of West Nile virus infection in migratory and resident wild birds in west coast of peninsular Malaysia. <i>One Health</i> , 2020, 10, 100134. | 1.5 | 18 |
| 32 | Exploring the Prospects of Engineered Newcastle Disease Virus in Modern Vaccinology. <i>Viruses</i> , 2020, 12, 451. | 1.5 | 23 |
| 33 | Negligible effect of chicken cytokine IL-12 integration into recombinant fowlpox viruses expressing avian influenza virus neuraminidase N1 on host cellular immune responses. <i>Journal of General Virology</i> , 2020, 101, 772-777. | 1.3 | 2 |
| 34 | Evaluation of the antigen relatedness and efficacy of a single vaccination with different infectious bronchitis virus strains against a challenge with Malaysian variant and QX-like IBV strains. <i>Journal of Veterinary Science</i> , 2020, 21, e76. | 0.5 | 8 |
| 35 | Molecular detection and characterisation of feline morbillivirus in domestic cats in Malaysia. <i>Veterinary Microbiology</i> , 2019, 236, 108382. | 0.8 | 23 |
| 36 | An Influenza A Vaccine Based on the Extracellular Domain of Matrix 2 Protein Protects BALB/C Mice Against H1N1 and H3N2. <i>Vaccines</i> , 2019, 7, 91. | 2.1 | 14 |

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|----|---|-----|-----------|
| 37 | Responses of pro-inflammatory cytokines, acute phase proteins and cytological analysis in serum and cerebrospinal fluid during haemorrhagic septicaemia infection in buffaloes. <i>Tropical Animal Health and Production</i> , 2019, 51, 1773-1782. | 0.5 | 8 |
| 38 | Infectious bursal disease virus tissue tropism and pathogenesis of the infection in chickens by application of in situ PCR, immunoperoxase and HE staining. <i>Microbial Pathogenesis</i> , 2019, 129, 195-205. | 1.3 | 7 |
| 39 | Velogenic newcastle disease virus tissue tropism and pathogenesis of infection in chickens by application of in situ PCR, immunoperoxase staining and HE staining. <i>Microbial Pathogenesis</i> , 2019, 129, 213-223. | 1.3 | 11 |
| 40 | Molecular characterization of fowl adenovirus isolate of Malaysia attenuated in chicken embryo liver cells and its pathogenicity and immunogenicity in chickens. <i>PLoS ONE</i> , 2019, 14, e0225863. | 1.1 | 8 |
| 41 | West Nile Virus Infection in Human and Animals: Potential Risks in Malaysia. <i>Sains Malaysiana</i> , 2019, 48, 2727-2735. | 0.3 | 3 |
| 42 | Evaluation of Ultra-Microscopic Changes and Proliferation of Apoptotic Glioblastoma Multiforme Cells Induced by Velogenic Strain of Newcastle Disease Virus AF2240. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 757-765. | 0.5 | 8 |
| 43 | Complete Genome Sequence Analysis and Characterization of Selected Iron Regulation Genes of <i>Pasteurella Multocida</i> Serotype A Strain PMTB2.1. <i>Genes</i> , 2019, 10, 81. | 1.0 | 7 |
| 44 | Title is missing!. , 2019, 14, e0225863. | | 0 |
| 45 | Title is missing!. , 2019, 14, e0225863. | | 0 |
| 46 | Title is missing!. , 2019, 14, e0225863. | | 0 |
| 47 | Title is missing!. , 2019, 14, e0225863. | | 0 |
| 48 | Bursal immunopathology responses of specific-pathogen-free chickens and red jungle fowl infected with very virulent infectious bursal disease virus. <i>Archives of Virology</i> , 2018, 163, 2085-2097. | 0.9 | 10 |
| 49 | Hexon and fiber gene changes in an attenuated fowl adenovirus isolate from Malaysia in embryonated chicken eggs and its infectivity in chickens. <i>Journal of Veterinary Science</i> , 2018, 19, 759. | 0.5 | 18 |
| 50 | Scoring System for Lesions Induced by Different Strains of Newcastle Disease Virus in Chicken. <i>Veterinary Medicine International</i> , 2018, 2018, 1-9. | 0.6 | 8 |
| 51 | Genotype Diversity of Newcastle Disease Virus in Nigeria: Disease Control Challenges and Future Outlook. <i>Advances in Virology</i> , 2018, 2018, 1-17. | 0.5 | 26 |
| 52 | Propagation and Molecular Characterization of Bioreactor Adapted Very Virulent Infectious Bursal Disease Virus Isolates of Malaysia. <i>Journal of Pathogens</i> , 2018, 2018, 1-11. | 0.9 | 4 |
| 53 | Diagnostic and Vaccination Approaches for Newcastle Disease Virus in Poultry: The Current and Emerging Perspectives. <i>BioMed Research International</i> , 2018, 2018, 1-18. | 0.9 | 76 |
| 54 | Effects of Newcastle Disease Virus Infection on Chicken Intestinal Intraepithelial Natural Killer Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1386. | 2.2 | 17 |

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|----|---|-----|-----------|
| 55 | Molecular characterization of field strains of <i>Mycoplasma gallisepticum</i> in Malaysia through pMGA and pVPA genes sequencing. <i>Cogent Biology</i> , 2018, 4, 1456738. | 1.7 | 2 |
| 56 | Comparative Pathogenicity of Malaysian QX-like and Variant Infectious Bronchitis Virus Strains in Chickens at Different Age of Exposure to the Viruses. <i>Journal of Comparative Pathology</i> , 2018, 161, 43-54. | 0.1 | 13 |
| 57 | Differential activation of intraepithelial lymphocyte-natural killer cells in chickens infected with very virulent and vaccine strains of infectious bursal disease virus. <i>Developmental and Comparative Immunology</i> , 2018, 87, 116-123. | 1.0 | 14 |
| 58 | Bursal transcriptome profiling of different inbred chicken lines reveals key differentially expressed genes at 3 days post-infection with very virulent infectious bursal disease virus. <i>Journal of General Virology</i> , 2018, 99, 21-35. | 1.3 | 10 |
| 59 | Global distributions and strain diversity of avian infectious bronchitis virus: a review. <i>Animal Health Research Reviews</i> , 2017, 18, 70-83. | 1.4 | 100 |
| 60 | Evaluation of humoral immune response, body weight and blood constituents of broilers supplemented with phytase on infectious bursal disease vaccination. <i>Cogent Food and Agriculture</i> , 2017, 3, 1306933. | 0.6 | 0 |
| 61 | Complete Genome Sequence of <i>Pasteurella multocida</i> Serotype A Strain PMTB2.1 Isolated from Buffaloes That Died of Septicemia in Malaysia. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 6 |
| 62 | Expression profiles of immune mediators in feline Coronavirus-infected cells and clinical samples of feline Coronavirus-positive cats. <i>BMC Veterinary Research</i> , 2017, 13, 92. | 0.7 | 7 |
| 63 | Induction of a robust immune response against avian influenza virus following transdermal inoculation with H5-DNA vaccine formulated in modified dendrimer-based delivery system in mouse model. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8573-8585. | 3.3 | 27 |
| 64 | Adaptation and Molecular Characterization of Two Malaysian Very Virulent Infectious Bursal Disease Virus Isolates Adapted in BGM-70 Cell Line. <i>Advances in Virology</i> , 2017, 2017, 1-19. | 0.5 | 10 |
| 65 | Interaction of Recombinant <i>Gallus gallus</i> SEPT5 and Brain Proteins of H5N1-Avian Influenza Virus-Infected Chickens. <i>Proteomes</i> , 2017, 5, 23. | 1.7 | 5 |
| 66 | Predisposition to insulin resistance and obesity due to staple consumption of rice: Amylose content versus germination status. <i>PLoS ONE</i> , 2017, 12, e0181309. | 1.1 | 9 |
| 67 | The positive expression of genotype VII Newcastle disease virus (Malaysian isolate) in Japanese quails (<i>Coturnix coturnix japonica</i>). <i>Veterinary World</i> , 2017, 10, 542-548. | 0.7 | 2 |
| 68 | Improved immunogenicity of Newcastle disease virus inactivated vaccine following DNA vaccination using Newcastle disease virus hemagglutinin-neuraminidase and fusion protein genes. <i>Journal of Veterinary Science</i> , 2016, 17, 21. | 0.5 | 10 |
| 69 | Development of Tat-Conjugated Dendrimer for Transdermal DNA Vaccine Delivery. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 19, 325. | 0.9 | 30 |
| 70 | Pathogenesis and Diagnostic Approaches of Avian Infectious Bronchitis. <i>Advances in Virology</i> , 2016, 2016, 1-11. | 0.5 | 65 |
| 71 | Prediction and <i>In Silico</i> Identification of Novel B-Cells and T-Cells Epitopes in the S1-Spike Glycoprotein of M41 and CR88 (793/B) Infectious Bronchitis Virus Serotypes for Application in Peptide Vaccines. <i>Advances in Bioinformatics</i> , 2016, 2016, 1-5. | 5.7 | 14 |
| 72 | Isolation and Metagenomic Identification of Avian Leukosis Virus Associated with Mortality in Broiler Chicken. <i>Advances in Virology</i> , 2016, 2016, 1-4. | 0.5 | 6 |

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|----|--|-----|-----------|
| 73 | Preparation, characterization, and in ovo vaccination of dextran-spermine nanoparticle DNA vaccine coexpressing the fusion and hemagglutinin genes against Newcastle disease. <i>International Journal of Nanomedicine</i> , 2016, 11, 259. | 3.3 | 14 |
| 74 | Combinatorial Cytotoxic Effects of Damnacanthal and Doxorubicin against Human Breast Cancer MCF-7 Cells in Vitro. <i>Molecules</i> , 2016, 21, 1228. | 1.7 | 25 |
| 75 | Detection of Inter-Lineage Natural Recombination in Avian Paramyxovirus Serotype 1 Using Simplified Deep Sequencing Platform. <i>Frontiers in Microbiology</i> , 2016, 7, 1907. | 1.5 | 24 |
| 76 | In vitro and in vivo mechanism of immunomodulatory and antiviral activity of Edible Bird's Nest (EBN) against influenza A virus (IAV) infection. <i>Journal of Ethnopharmacology</i> , 2016, 185, 327-340. | 2.0 | 50 |
| 77 | Flavokawain B induced cytotoxicity in two breast cancer cell lines, MCF-7 and MDA-MB231 and inhibited the metastatic potential of MDA-MB231 via the regulation of several tyrosine kinases In vitro. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 86. | 3.7 | 35 |
| 78 | Expression of complement C5a receptor and the viability of 4T1 tumor cells following agonistâ€“antagonist treatment. <i>Journal of Cancer Research and Therapeutics</i> , 2016, 12, 590. | 0.3 | 0 |
| 79 | Potential recombinant vaccine against influenza A virus based on M2e displayed on nodaviral capsid nanoparticles. <i>International Journal of Nanomedicine</i> , 2015, 10, 2751. | 3.3 | 31 |
| 80 | Systemic antibody response to nano-size calcium phosphate biocompatible adjuvant adsorbed HEV-71 killed vaccine. <i>Clinical and Experimental Vaccine Research</i> , 2015, 4, 88. | 1.1 | 15 |
| 81 | Characterisation of genotype VII Newcastle disease virus (NDV) isolated from NDV vaccinated chickens, and the efficacy of LaSota and recombinant genotype VII vaccines against challenge with velogenic NDV. <i>Journal of Veterinary Science</i> , 2015, 16, 447. | 0.5 | 65 |
| 82 | Progress and Challenges toward the Development of Vaccines against Avian Infectious Bronchitis. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12. | 0.9 | 107 |
| 83 | Serological diagnostic potential of recombinant outer membrane proteins (rOMPs) from <i>Brucella melitensis</i> in mouse model using indirect enzyme-linked immunosorbent assay. <i>BMC Veterinary Research</i> , 2015, 11, 275. | 0.7 | 28 |
| 84 | Differential modulation of immune response and cytokine profiles in the bursae and spleen of chickens infected with very virulent infectious bursal disease virus. <i>BMC Veterinary Research</i> , 2015, 11, 75. | 0.7 | 42 |
| 85 | Apoptosis transcriptional mechanism of feline infectious peritonitis virus infected cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1457-1470. | 2.2 | 10 |
| 86 | <i>In vitro</i> characterization of chicken bone marrow-derived dendritic cells following infection with very virulent infectious bursal disease virus. <i>Avian Pathology</i> , 2015, 44, 452-462. | 0.8 | 28 |
| 87 | Induction of Humoral and Cell-Mediated Immune Responses by Hepatitis B Virus Epitope Displayed on the Virus-Like Particles of Prawn Nodavirus. <i>Applied and Environmental Microbiology</i> , 2015, 81, 882-889. | 1.4 | 28 |
| 88 | Clinico-pathology, hematology, and biochemistry responses toward <i>Pasteurella multocida</i> Type B: 2 via oral and subcutaneous route of infections. <i>Veterinary World</i> , 2015, 8, 783-792. | 0.7 | 9 |
| 89 | <i>In Vitro</i> Antiviral Activity of Circular Triple Helix Forming Oligonucleotide RNA towards Feline Infectious Peritonitis Virus Replication. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 0.9 | 6 |
| 90 | Mechanisms of Action and Efficacy of Statins against Influenza. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 0.9 | 72 |

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|----|--|-----|-----------|
| 91 | Alteration in lymphocyte responses, cytokine and chemokine profiles in chickens infected with genotype VII and VIII velogenic Newcastle disease virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 11-21. | 0.7 | 52 |
| 92 | Characterization of Malaysian velogenic NDV strain AF2240-I genomic sequence: a comparative study. <i>Virus Genes</i> , 2013, 46, 431-440. | 0.7 | 30 |
| 93 | Transcriptional profiling of feline infectious peritonitis virus infection in CRFK cells and in PBMCs from FIP diagnosed cats. <i>Virology Journal</i> , 2013, 10, 329. | 1.4 | 31 |
| 94 | Safety and Clinical Usage of Newcastle Disease Virus in Cancer Therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-13. | 3.0 | 71 |
| 95 | Sequence and phylogenetic analysis of Newcastle disease virus genotypes isolated in Malaysia between 2004 and 2005. <i>Archives of Virology</i> , 2010, 155, 63-70. | 0.9 | 27 |
| 96 | Development of SYBR green I based one-step real-time RT-PCR assay for the detection and differentiation of very virulent and classical strains of infectious bursal disease virus. <i>Journal of Virological Methods</i> , 2009, 161, 271-279. | 1.0 | 21 |
| 97 | Comparative analysis of viral RNA and apoptotic cells in bursae following infection with infectious bursal disease virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2004, 27, 433-443. | 0.7 | 14 |