Varun Dwivedi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | IL-10 Receptor Blockade Delivered Simultaneously with Bacillus Calmette–Guérin Vaccination Sustains Long-Term Protection against <i>Mycobacterium tuberculosis</i> Infection in Mice. Journal of Immunology, 2022, 208, 1406-1416. | 0.8 | 6 |
| 2 | An inducible potato (<i>E,E</i>)â€farnesol synthase confers tolerance against bacterial pathogens in potato and tobacco. Plant Journal, 2022, 111, 1308-1323. | 5.7 | 5 |
| 3 | Functional characterization of a defenseâ€responsive bulnesol/elemol synthase from potato. Physiologia Plantarum, 2021, 171, 7-21. | 5.2 | 7 |
| 4 | A plastidâ€localized <i>bona fide</i> geranylgeranyl diphosphate synthase plays a necessary role in monoterpene indole alkaloid biosynthesis in <i>Catharanthus roseus</i> . Plant Journal, 2020, 103, 248-265. | 5.7 | 24 |
| 5 | Selective delipidation of Mycobacterium bovis BCG enables direct pulmonary vaccination and enhances protection against Mycobacterium tuberculosis. Mucosal Immunology, 2019, 12, 805-815. | 6.0 | 26 |
| 6 | Cytomegalovirus immunoglobulin G titers do not predict reactivation risk in immunocompetent hosts. Journal of Medical Virology, 2019, 91, 836-844. | 5.0 | 10 |
| 7 | Transcriptomic insight into terpenoid and carbazole alkaloid biosynthesis, and functional characterization of two terpene synthases in curry tree (Murraya koenigii). Scientific Reports, 2017, 7, 44126. | 3.3 | 34 |
| 8 | Broncholaveolar lavage to detect cytomegalovirus infection, latency, and reactivation in immune competent hosts. Journal of Medical Virology, 2016, 88, 1408-1416. | 5.0 | 7 |
| 9 | Salmonella Extracellular Matrix Components Influence Biofilm Formation and Gallbladder Colonization. Infection and Immunity, 2016, 84, 3243-3251. | 2.2 | 44 |
| 10 | Identification of Novel Plasmodium falciparum Hexokinase Inhibitors with Antiparasitic Activity. Antimicrobial Agents and Chemotherapy, 2016, 60, 6023-6033. | 3.2 | 15 |
| 11 | Adjuvant effects of invariant NKT cell ligand potentiates the innate and adaptive immunity to an inactivated H1N1 swine influenza virus vaccine in pigs. Veterinary Microbiology, 2016, 186, 157-163. | 1.9 | 24 |
| 12 | Cytomegalovirus Reinfections Stimulate CD8 T-Memory Inflation. PLoS ONE, 2016, 11, e0167097. | 2.5 | 32 |
| 13 | Precursor feeding studies and molecular characterization of geraniol synthase establish the limiting role of geraniol in monoterpene indole alkaloid biosynthesis in Catharanthus roseus leaves. Plant Science, 2015, 239, 56-66. | 3.6 | 43 |
| 14 | Virusâ€induced gene silencing of <i><scp>W</scp>ithania somnifera</i> squalene synthase negatively regulates sterol and defenceâ€related genes resulting in reduced withanolides and biotic stress tolerance. Plant Biotechnology Journal, 2015, 13, 1287-1299. | 8.3 | 81 |
| 15 | Pretreatment of Epithelial Cells with Live Streptococcus pneumoniae Has No Detectable Effect on Influenza A Virus Replication In Vitro. PLoS ONE, 2014, 9, e90066. | 2.5 | 9 |
| 16 | An innovative approach to induce cross-protective immunity against porcine reproductive and respiratory syndrome virus in the lungs of pigs through adjuvanted nanotechnology-based vaccination. International Journal of Nanomedicine, 2014, 9, 1519. | 6.7 | 34 |
| 17 | Adjuvanted poly(lactic-co-glycolic) acid nanoparticle-entrapped inactivated porcine reproductive and respiratory syndrome virus vaccine elicits cross-protective immune response in pigs. International Journal of Nanomedicine, 2014, 9, 679. | 6.7 | 43 |
| 18 | Porcine reproductive and respiratory syndrome virus induces pronounced immune modulatory responses at mucosal tissues in the parental vaccine strain VR2332 infected pigs. Veterinary Microbiology, 2013, 162, 68-77. | 1.9 | 19 |

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| 19 | PLGA nanoparticle entrapped killed porcine reproductive and respiratory syndrome virus vaccine helps in viral clearance in pigs. Veterinary Microbiology, 2013, 166, 47-58. | 1.9 | 35 |
| 20 | Mycobacterium tuberculosisWhole Cell Lysate Enhances Proliferation of CD8 Positive Lymphocytes and Nitric Oxide Secretion in the Lungs of Live Porcine Respiratory and Reproductive Syndrome Virus Vaccinated Pigs. Viral Immunology, 2013, 26, 102-108. | 1.3 | 3 |
| 21 | Mucosal vaccines to prevent porcine reproductive and respiratory syndrome: a new perspective. Animal Health Research Reviews, 2012, 13, 21-37. | 3.1 | 20 |
| 22 | Biodegradable Nanoparticle-Entrapped Vaccine Induces Cross-Protective Immune Response against a Virulent Heterologous Respiratory Viral Infection in Pigs. PLoS ONE, 2012, 7, e51794. | 2.5 | 29 |
| 23 | Evaluation of immune responses to porcine reproductive and respiratory syndrome virus in pigs during early stage of infection under farm conditions. Virology Journal, 2012, 9, 45. | 3.4 | 77 |
| 24 | Intranasal delivery of whole cell lysate of Mycobacterium tuberculosis induces protective immune responses to a modified live porcine reproductive and respiratory syndrome virus vaccine in pigs. Vaccine, 2011, 29, 4067-4076. | 3.8 | 27 |
| 25 | Cross-protective immunity to porcine reproductive and respiratory syndrome virus by intranasal delivery of a live virus vaccine with a potent adjuvant. Vaccine, 2011, 29, 4058-4066. | 3.8 | 59 |
| 26 | Functional Invariant NKT Cells in Pig Lungs Regulate the Airway Hyperreactivity: A Potential Animal Model. Journal of Clinical Immunology, 2011, 31, 228-239. | 3.8 | 26 |
| 27 | Intranasal Delivery of an Adjuvanted Modified Live Porcine Reproductive and Respiratory Syndrome Virus Vaccine Reduces ROS Production. Viral Immunology, 2011, 24, 475-482. | 1.3 | 11 |
| 28 | Swine Influenza H1N1 Virus Induces Acute Inflammatory Immune Responses in Pig Lungs: a Potential Animal Model for Human H1N1 Influenza Virus. Journal of Virology, 2010, 84, 11210-11218. | 3.4 | 132 |
| 29 | Adjuvanticity and protective immunity of Plasmodium yoelii nigeriensis blood-stage soluble antigens encapsulated in fusogenic liposome. Vaccine, 2009, 27, 473-482. | 3.8 | 11 |
| 30 | Immunomodulator Effect of Picroliv and its Potential in Treatment Against Resistant Plasmodium yoelii (MDR) Infection in Mice. Pharmaceutical Research, 2008, 25, 2312-2319. | 3.5 | 8 |
| 31 | Tuftsin Augments Antitumor Efficacy of Liposomized Etoposide against Fibrosarcoma in Swiss Albino Mice. Molecular Medicine, 2007, 13, 266-276. | 4.4 | 26 |