

Varun Dwivedi

List of Publications by Year in descending order

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31
papers

927
citations

394421

19
h-index

454955

30
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31
all docs

31
docs citations

31
times ranked

1211
citing authors

#	ARTICLE	IF	CITATIONS
1	Swine Influenza H1N1 Virus Induces Acute Inflammatory Immune Responses in Pig Lungs: a Potential Animal Model for Human H1N1 Influenza Virus. <i>Journal of Virology</i> , 2010, 84, 11210-11218.	3.4	132
2	Virus-induced gene silencing of <i>Withania somnifera</i> squalene synthase negatively regulates sterol and defence-related genes resulting in reduced withanolides and biotic stress tolerance. <i>Plant Biotechnology Journal</i> , 2015, 13, 1287-1299.	8.3	81
3	Evaluation of immune responses to porcine reproductive and respiratory syndrome virus in pigs during early stage of infection under farm conditions. <i>Virology Journal</i> , 2012, 9, 45.	3.4	77
4	Cross-protective immunity to porcine reproductive and respiratory syndrome virus by intranasal delivery of a live virus vaccine with a potent adjuvant. <i>Vaccine</i> , 2011, 29, 4058-4066.	3.8	59
5	Salmonella Extracellular Matrix Components Influence Biofilm Formation and Gallbladder Colonization. <i>Infection and Immunity</i> , 2016, 84, 3243-3251.	2.2	44
6	Adjuvanted poly(lactic-co-glycolic) acid nanoparticle-entrapped inactivated porcine reproductive and respiratory syndrome virus vaccine elicits cross-protective immune response in pigs. <i>International Journal of Nanomedicine</i> , 2014, 9, 679.	6.7	43
7	Precursor feeding studies and molecular characterization of geraniol synthase establish the limiting role of geraniol in monoterpene indole alkaloid biosynthesis in <i>Catharanthus roseus</i> leaves. <i>Plant Science</i> , 2015, 239, 56-66.	3.6	43
8	PLGA nanoparticle entrapped killed porcine reproductive and respiratory syndrome virus vaccine helps in viral clearance in pigs. <i>Veterinary Microbiology</i> , 2013, 166, 47-58.	1.9	35
9	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. <i>International Journal of Nanomedicine</i> , 2014, 9, 1519.	6.7	34
10	Transcriptomic insight into terpenoid and carbazole alkaloid biosynthesis, and functional characterization of two terpene synthases in curry tree (<i>Murraya koenigii</i>). <i>Scientific Reports</i> , 2017, 7, 44126.	3.3	34
11	Cytomegalovirus Reinfections Stimulate CD8 T-Memory Inflation. <i>PLoS ONE</i> , 2016, 11, e0167097.	2.5	32
12	Biodegradable Nanoparticle-Entrapped Vaccine Induces Cross-Protective Immune Response against a Virulent Heterologous Respiratory Viral Infection in Pigs. <i>PLoS ONE</i> , 2012, 7, e51794.	2.5	29
13	Intranasal delivery of whole cell lysate of <i>Mycobacterium tuberculosis</i> induces protective immune responses to a modified live porcine reproductive and respiratory syndrome virus vaccine in pigs. <i>Vaccine</i> , 2011, 29, 4067-4076.	3.8	27
14	Tuftsins Augment Antitumor Efficacy of Liposomized Etoposide against Fibrosarcoma in Swiss Albino Mice. <i>Molecular Medicine</i> , 2007, 13, 266-276.	4.4	26
15	Functional Invariant NKT Cells in Pig Lungs Regulate the Airway Hyperreactivity: A Potential Animal Model. <i>Journal of Clinical Immunology</i> , 2011, 31, 228-239.	3.8	26
16	Selective delipidation of <i>Mycobacterium bovis</i> BCG enables direct pulmonary vaccination and enhances protection against <i>Mycobacterium tuberculosis</i> . <i>Mucosal Immunology</i> , 2019, 12, 805-815.	6.0	26
17	Adjuvant effects of invariant NKT cell ligand potentiates the innate and adaptive immunity to an inactivated H1N1 swine influenza virus vaccine in pigs. <i>Veterinary Microbiology</i> , 2016, 186, 157-163.	1.9	24
18	A plastid-localized <i>bona fide</i> geranylgeranyl diphosphate synthase plays a necessary role in monoterpene indole alkaloid biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Journal</i> , 2020, 103, 248-265.	5.7	24

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19	Mucosal vaccines to prevent porcine reproductive and respiratory syndrome: a new perspective. <i>Animal Health Research Reviews</i> , 2012, 13, 21-37.	3.1	20
20	Porcine reproductive and respiratory syndrome virus induces pronounced immune modulatory responses at mucosal tissues in the parental vaccine strain VR2332 infected pigs. <i>Veterinary Microbiology</i> , 2013, 162, 68-77.	1.9	19
21	Identification of Novel Plasmodium falciparum Hexokinase Inhibitors with Antiparasitic Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6023-6033.	3.2	15
22	Adjuvanticity and protective immunity of Plasmodium yoelii nigeriensis blood-stage soluble antigens encapsulated in fusogenic liposome. <i>Vaccine</i> , 2009, 27, 473-482.	3.8	11
23	Intranasal Delivery of an Adjuvanted Modified Live Porcine Reproductive and Respiratory Syndrome Virus Vaccine Reduces ROS Production. <i>Viral Immunology</i> , 2011, 24, 475-482.	1.3	11
24	Cytomegalovirus immunoglobulin G titers do not predict reactivation risk in immunocompetent hosts. <i>Journal of Medical Virology</i> , 2019, 91, 836-844.	5.0	10
25	Pretreatment of Epithelial Cells with Live Streptococcus pneumoniae Has No Detectable Effect on Influenza A Virus Replication In Vitro. <i>PLoS ONE</i> , 2014, 9, e90066.	2.5	9
26	Immunomodulator Effect of Picroliv and its Potential in Treatment Against Resistant Plasmodium yoelii (MDR) Infection in Mice. <i>Pharmaceutical Research</i> , 2008, 25, 2312-2319.	3.5	8
27	Broncholaveolar lavage to detect cytomegalovirus infection, latency, and reactivation in immune competent hosts. <i>Journal of Medical Virology</i> , 2016, 88, 1408-1416.	5.0	7
28	Functional characterization of a defense-responsive bulnesol/elemol synthase from potato. <i>Physiologia Plantarum</i> , 2021, 171, 7-21.	5.2	7
29	IL-10 Receptor Blockade Delivered Simultaneously with Bacillus Calmette-Guérin Vaccination Sustains Long-Term Protection against Mycobacterium tuberculosis Infection in Mice. <i>Journal of Immunology</i> , 2022, 208, 1406-1416.	0.8	6
30	An inducible potato farnesol synthase confers tolerance against bacterial pathogens in potato and tobacco. <i>Plant Journal</i> , 2022, 111, 1308-1323.	5.7	5
31	Mycobacterium tuberculosis Whole 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. <i>Viral Immunology</i> , 2013, 26, 102-108.	1.3	3