

Ajay Kumar Goel

List of Publications by Year in descending order

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49
papers

1,185
citations

471477

17
h-index

395678

33
g-index

49
all docs

49
docs citations

49
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	A recombinase polymerase amplification lateral flow assay for rapid detection of <i>Burkholderia pseudomallei</i> , the causative agent of melioidosis. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 185-193.	2.0	5
2	Development of a set of three real-time loop-mediated isothermal amplification (LAMP) assays for detection of <i>Bacillus anthracis</i> , the causative agent of anthrax. <i>Folia Microbiologica</i> , 2021, 66, 587-596.	2.3	2
3	Development of a PCR Lateral Flow Assay for Rapid Detection of <i>Bacillus anthracis</i> , the Causative Agent of Anthrax. <i>Molecular Biotechnology</i> , 2021, 63, 702-709.	2.4	4
4	Development of a rapid immunochromatographic assay for detection of surface array protein (Sap), a potent biomarker of <i>Bacillus anthracis</i> . <i>Biologia (Poland)</i> , 2020, 75, 613-617.	1.5	2
5	Development of a pair of real-time loop mediated isothermal amplification assays for detection of <i>Yersinia pestis</i> , the causative agent of plague. <i>Molecular and Cellular Probes</i> , 2020, 54, 101670.	2.1	7
6	BA3338, a surface layer homology domain possessing protein augments immune response and protection efficacy of protective antigen against <i>Bacillus anthracis</i> in mouse model. <i>Journal of Applied Microbiology</i> , 2020, 129, 443-452.	3.1	3
7	Enhanced Production of Recombinant Extractable Antigen (EA1) an Extracellular Protein and its use in Detection of Spores of <i>Bacillus anthracis</i> the Causative Agent of Anthrax. <i>Defence Life Science Journal</i> , 2020, 5, 133-140.	0.3	0
8	Production and Purification of Protective Antigen of <i>Bacillus anthracis</i> and Development of a Sandwich ELISA for its Detection. <i>Defence Life Science Journal</i> , 2020, 5, 299-304.	0.3	0
9	Development of a novel chimeric PA-LF antigen of <i>Bacillus anthracis</i> , its immunological characterization and evaluation as a future vaccine candidate in mouse model. <i>Biologicals</i> , 2019, 61, 38-43.	1.4	4
10	A real-time loop mediated isothermal amplification assay for molecular detection of <i>Burkholderia mallei</i> , the aetiological agent of a zoonotic and re-emerging disease glanders. <i>Acta Tropica</i> , 2019, 194, 189-194.	2.0	9
11	Development of a rapid and sensitive recombinase polymerase amplification lateral flow assay for detection of <i>Burkholderia mallei</i> . <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1016-1022.	3.0	19
12	An ELISA using a recombinant chimera of protective antigen and lethal factor for serodiagnosis of cutaneous anthrax in India. <i>Biologicals</i> , 2019, 57, 55-60.	1.4	6
13	A Rapid Flow through Membrane Enzyme Linked Immunosorbent Assay for <i>Bacillus anthracis</i> using Surface Array Protein as a Biomarker. <i>Defence Science Journal</i> , 2019, 69, 348-352.	0.8	2
14	Development of a real-time loop-mediated isothermal amplification assay for detection of <i>Burkholderia mallei</i> . <i>Transboundary and Emerging Diseases</i> , 2018, 65, e32-e39.	3.0	16
15	Enhanced production and purification of recombinant surface array protein (Sap) for use in detection of <i>Bacillus anthracis</i> . <i>3 Biotech</i> , 2018, 8, 254.	2.2	2
16	Emergence of Tetracycline Resistant <i>Vibrio cholerae</i> O1 Biotype El Tor Serotype Ogawa with Classical CTxB Gene from a Cholera Outbreak in Odisha, Eastern India. <i>Journal of Pathogens</i> , 2016, 2016, 1-6.	1.4	23
17	Ultrasensitive electrochemical immunoassay for surface array protein, a <i>Bacillus anthracis</i> biomarker using Au-Pd nanocrystals loaded on boron-nitride nanosheets as catalytic labels. <i>Biosensors and Bioelectronics</i> , 2016, 80, 442-449.	10.1	32
18	Biological Warfare Agents and their Detection and Monitoring Techniques (Review Paper). <i>Defence Science Journal</i> , 2016, 66, 445.	0.8	14

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19	Anthrax: A disease of biowarfare and public health importance. World Journal of Clinical Cases, 2015, 3, 20.	0.8	221
20	Development & validation of a quantitative anti-protective antigen IgG enzyme linked immunosorbent assay for serodiagnosis of cutaneous anthrax. Indian Journal of Medical Research, 2015, 142, 196.	1.0	10
21	Vibrio cholerae O1 Ogawa El Tor strains with the ctxB7 allele driving cholera outbreaks in south-western India in 2012. Infection, Genetics and Evolution, 2014, 25, 93-96.	2.3	21
22	Exoproteome analysis of a novel strain of Bacillus cereus implicated in disease resembling cutaneous anthrax. Infection, Genetics and Evolution, 2014, 22, 1-11.	2.3	6
23	Surface Plasmon Resonance Biosensor for Detection of Bacillus anthracis, the Causative Agent of Anthrax from Soil Samples Targeting Protective Antigen. Indian Journal of Microbiology, 2013, 53, 48-55.	2.7	22
24	A field usable qualitative anti-protective antigen enzyme-linked immunosorbent assay for serodiagnosis of human anthrax. Microbiology and Immunology, 2013, 57, 145-149.	1.4	12
25	Molecular Characterization of Vibrio cholerae O1 Reveals Continuous Evolution of Its New Variants in India. Indian Journal of Microbiology, 2013, 53, 137-141.	2.7	9
26	Detection of protective antigen, an anthrax specific toxin in human serum by using surface plasmon resonance. Diagnostic Microbiology and Infectious Disease, 2013, 77, 14-19.	1.8	16
27	Anti-Protective Antigen IgG Enzyme-Linked Immunosorbent Assay for Diagnosis of Cutaneous Anthrax in India. Vaccine Journal, 2012, 19, 1238-1242.	3.1	23
28	Dynamics of classical "El Tor switch of Vibrio cholerae strains isolated from 1961"2010. International Journal of Antimicrobial Agents, 2012, 40, 570-571.	2.5	3
29	Tetracycline resistant V. cholerae O1 biotype El Tor serotype Ogawa with classical ctxB from a recent cholera outbreak in Orissa, Eastern India. Journal of Infection and Public Health, 2012, 5, 217-219.	4.1	11
30	Highly Expressed Recombinant SEB for Antibody Production and Development of Immunodetection System. Indian Journal of Microbiology, 2012, 52, 191-196.	2.7	9
31	Multidrug resistant Vibrio cholerae O1 El Tor carrying classical ctxB allele involved in a cholera outbreak in South Western India. Acta Tropica, 2011, 117, 152-156.	2.0	27
32	Characterization of an Environmental Strain of Bacillus thuringiensis from a Hot Spring in Western Himalayas. Current Microbiology, 2011, 62, 547-556.	2.2	11
33	Molecular characterization reveals involvement of altered el tor biotype Vibrio cholerae O1 strains in cholera outbreak at Hyderabad, India. Journal of Microbiology, 2011, 49, 280-284.	2.8	23
34	Association of Heavy Rainfall on Genotypic Diversity in V. cholerae Isolates from an Outbreak in India. International Journal of Microbiology, 2011, 2011, 1-5.	2.3	12
35	Virulence profile and clonal relationship among the Vibrio cholerae isolates from ground and surface water in a cholera endemic area during rainy season. Folia Microbiologica, 2010, 55, 69-74.	2.3	3
36	Molecular characterization of Vibrio cholerae outbreak strains with altered El Tor biotype from southern India. World Journal of Microbiology and Biotechnology, 2010, 26, 281-287.	3.6	53

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37	Genetic determinants of virulence, antibiogram and altered biotype among the <i>Vibrio cholerae</i> O1 isolates from different cholera outbreaks in India. <i>Infection, Genetics and Evolution</i> , 2010, 10, 814-818.	2.3	44
38	Construction of a Single-Chain Variable-Fragment Antibody against the Superantigen Staphylococcal Enterotoxin B. <i>Applied and Environmental Microbiology</i> , 2010, 76, 8184-8191.	3.1	43
39	A large cholera outbreak due to a new cholera toxin variant of the <i>Vibrio cholerae</i> O1 El Tor biotype in Orissa, Eastern India. <i>Journal of Medical Microbiology</i> , 2009, 58, 234-238.	1.8	90
40	Characterization of <i>Vibrio cholerae</i> from deep ground water in a cholera endemic area in Central India. <i>Indian Journal of Microbiology</i> , 2009, 49, 271-275.	2.7	6
41	Class 1 integrons and SXT elements conferring multidrug resistance in <i>Vibrio cholerae</i> O1 strains associated with a recent large cholera outbreak in Orissa, Eastern India. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 459-460.	2.5	18
42	Isolation and characterization of heat resistant enterotoxigenic <i>Staphylococcus aureus</i> from a food poisoning outbreak in Indian subcontinent. <i>International Journal of Food Microbiology</i> , 2007, 117, 29-35.	4.7	54
43	Single multiplex polymerase chain reaction for environmental surveillance of toxigenic Pathogenic O1 and Non-O1 <i>vibrio cholerae</i> . <i>Folia Microbiologica</i> , 2007, 52, 81-85.	2.3	37
44	Semi-nested polymerase chain reaction for detection of toxigenic <i>Vibrio cholerae</i> from environmental water samples. <i>Indian Journal of Microbiology</i> , 2007, 47, 207-211.	2.7	4
45	Heterologous expression of staphylococcal enterotoxin B (seb) gene for antibody production. <i>Electronic Journal of Biotechnology</i> , 2006, 9, 0-0.	2.2	10
46	Immunological Biosensor for Detection of <i>Vibrio cholerae</i> O1 in Environmental Water Samples. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 1155-1159.	3.6	27
47	Direct immunofluorescence assay for rapid environmental detection of <i>Vibrio cholerae</i> O1. <i>Folia Microbiologica</i> , 2005, 50, 448-52.	2.3	16
48	Detection of Viable Toxigenic <i>Vibrio cholerae</i> from Environmental Water Sources by Direct Cell Duplex PCR Assay. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 973-976.	3.6	23
49	Changes in oxidative stress enzymes during artificial ageing in cotton (<i>Gossypium hirsutum</i> L.) seeds. <i>Journal of Plant Physiology</i> , 2003, 160, 1093-1100.	3.5	171