

Durg Vijai Singh

List of Publications by Year in descending order

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59
papers

1,387
citations

331538

21
h-index

360920

35
g-index

61
all docs

61
docs citations

61
times ranked

1410
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Analysis of <i>Vibrio cholerae</i> O1, O139, non-O1, and non-O139 Strains: Clonal Relationships between Clinical and Environmental Isolates. <i>Applied and Environmental Microbiology</i> , 2001, 67, 910-921.	1.4	217
2	Development of a Hexaplex PCR Assay for Rapid Detection of Virulence and Regulatory Genes in <i>Vibrio cholerae</i> and <i>Vibrio mimicus</i> . <i>Journal of Clinical Microbiology</i> , 2002, 40, 4321-4324.	1.8	113
3	Characterization of <i>Listeria monocytogenes</i> isolated from Ganges water, human clinical and milk samples at Varanasi, India. <i>Infection, Genetics and Evolution</i> , 2013, 14, 83-91.	1.0	65
4	Extracellular vesicles: An emerging platform in gram-positive bacteria. <i>Microbial Cell</i> , 2020, 7, 312-322.	1.4	60
5	Virulence and genotypic characterization of <i>Listeria monocytogenes</i> isolated from vegetable and soil samples. <i>BMC Microbiology</i> , 2014, 14, 241.	1.3	58
6	Molecular Characterization of <i>Vibrio cholerae</i> O139 Bengal Isolated from Water and the Aquatic Plant <i>Eichhornia crassipes</i> in the River Ganga, Varanasi, India. <i>Applied and Environmental Microbiology</i> , 2003, 69, 2389-2394.	1.4	53
7	Emergence and dissemination of antibiotic resistance: A global problem. <i>Indian Journal of Medical Microbiology</i> , 2012, 30, 384-390.	0.3	49
8	Attachment of non-culturable toxigenic <i>Vibrio cholerae</i> O1 and non-O1 and <i>Aeromonas</i> spp. to the aquatic arthropod <i>Gerris spinolae</i> and plants in the River Ganga, Varanasi. <i>FEMS Immunology and Medical Microbiology</i> , 1995, 12, 113-120.	2.7	48
9	Multiplex PCR for detection of antibiotic resistance genes and the SXT element: application in the characterization of <i>Vibrio cholerae</i> . <i>Journal of Medical Microbiology</i> , 2007, 56, 346-351.	0.7	40
10	<i>Vibrio cholerae</i> non-O1, non-O139 strains isolated before 1992 from Varanasi, India are multiple drug resistant, contain <i>intSXT</i> , <i>dfr18</i> and <i>aadA5</i> genes. <i>Environmental Microbiology</i> , 2008, 10, 866-873.	1.8	38
11	Biofilm Formation by <i>ica</i> -Negative Ocular Isolates of <i>Staphylococcus haemolyticus</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2687.	1.5	35
12	Production of haemolysis and its correlation with enterotoxicity in <i>Aeromonas</i> spp.. <i>Journal of Medical Microbiology</i> , 1992, 37, 262-267.	0.7	30
13	Analysis of 19 Highly Conserved <i>Vibrio cholerae</i> Bacteriophages Isolated from Environmental and Patient Sources Over a Twelve-Year Period. <i>Viruses</i> , 2018, 10, 299.	1.5	29
14	Binding efficiencies of carbohydrate ligands with different genotypes of cholera toxin B: molecular modeling, dynamics and docking simulation studies. <i>Journal of Molecular Modeling</i> , 2012, 18, 1-10.	0.8	28
15	Pregnancy - associated human listeriosis: Virulence and genotypic analysis of <i>Listeria monocytogenes</i> from clinical samples. <i>Journal of Microbiology</i> , 2015, 53, 653-660.	1.3	27
16	Antibiotic Susceptibility, Virulence Pattern, and Typing of <i>Staphylococcus aureus</i> Strains Isolated From Variety of Infections in India. <i>Frontiers in Microbiology</i> , 2019, 10, 2763.	1.5	27
17	Enterotoxicity of clinical and environmental isolates of <i>Aeromonas</i> spp.. <i>Journal of Medical Microbiology</i> , 1992, 36, 269-272.	0.7	27
18	Septaplex PCR assay for rapid identification of <i>Vibrio cholerae</i> including detection of virulence and <i>intSXT</i> genes. <i>FEMS Microbiology Letters</i> , 2006, 265, 208-214.	0.7	24

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19	Comparative structural analysis of two proteins belonging to quorum sensing system in <i>Vibrio cholerae</i> . Journal of Biomolecular Structure and Dynamics, 2012, 30, 574-584.	2.0	24
20	In vitro susceptibility of <i>Vibrio cholerae</i> O1 biotype El Tor strains associated with an outbreak of cholera in Kerala, Southern India. Journal of Antimicrobial Chemotherapy, 2001, 47, 361-362.	1.3	23
21	Characterization of the genetic background of <i>Vibrio cholerae</i> O1 biotype El Tor serotype Inaba strains isolated in Trivandrum, southern India. Journal of Medical Microbiology, 2007, 56, 260-265.	0.7	23
22	Determination of relationships among non-toxigenic <i>Vibrio cholerae</i> O1 biotype El Tor strains from housekeeping gene sequences and ribotype patterns. Research in Microbiology, 2009, 160, 57-62.	1.0	23
23	MULTIPLEX PCR ASSAY FOR THE DETECTION OF ANOPHELES FLUVIATILIS SPECIES COMPLEX, HUMAN HOST PREFERENCE, AND PLASMODIUM FALCIPARUM SPOOROZOITE PRESENCE, USING A UNIQUE MOSQUITO PROCESSING METHOD. American Journal of Tropical Medicine and Hygiene, 2007, 76, 837-843.	0.6	22
24	Antibiotic Resistance Profile, Outer Membrane Proteins, Virulence Factors and Genome Sequence Analysis Reveal Clinical Isolates of Enterobacter Are Potential Pathogens Compared to Environmental Isolates. Frontiers in Cellular and Infection Microbiology, 2020, 10, 54.	1.8	21
25	Development and evaluation of hexaplex PCR for rapid detection of methicillin, cadmium/zinc and antiseptic-resistant staphylococci, with simultaneous identification of PVL-positive and -negative <i>Staphylococcus aureus</i> and coagulase negative staphylococci. FEMS Microbiology Letters, 2014, 352, 114-122.	0.7	20
26	Identification of Major Sequence Types among Multidrug-Resistant <i>Staphylococcus epidermidis</i> Strains Isolated from Infected Eyes and Healthy Conjunctiva. Frontiers in Microbiology, 2017, 8, 1430.	1.5	20
27	<i>Vibrio cholerae</i> infection, novel drug targets and phage therapy. Future Microbiology, 2011, 6, 1199-1208.	1.0	19
28	Identification of Novel Sequence Types among <i>Staphylococcus haemolyticus</i> Isolated from Variety of Infections in India. PLoS ONE, 2016, 11, e0166193.	1.1	19
29	Multidrug-resistant <i>Staphylococcus haemolyticus</i> isolates from infected eyes and healthy conjunctivae in India. Journal of Global Antimicrobial Resistance, 2016, 6, 154-159.	0.9	15
30	Application of DNA-based methods in typing <i>Vibrio cholerae</i> strains. Future Microbiology, 2008, 3, 87-96.	1.0	13
31	Phenotypic and genetic characteristics of <i>Vibrio cholerae</i> O1 carrying Haitian ctxB and attributes of classical and El Tor biotypes isolated from Silvassa, India. Journal of Medical Microbiology, 2016, 65, 720-728.	0.7	13
32	Characterization of a Toxigenic <i>Vibrio cholerae</i> O139 Strain Belonging to a New Ribotype and Isolated from a Diarrheal Patient. Journal of Clinical Microbiology, 2002, 40, 4779-4781.	1.8	12
33	Characterization of <i>Vibrio cholerae</i> O139 belonging to multiple ribotypes and isolated from diarrhoeal patients in Kerala, southern India. Infection, Genetics and Evolution, 2011, 11, 454-459.	1.0	12
34	Extracellular DNA builds and interacts with <i>Vibrio</i> polysaccharide in the biofilm matrix formed by <i>Vibrio cholerae</i> . Environmental Microbiology Reports, 2020, 12, 594-606.	1.0	11
35	Hexaplex PCR for rapid detection of virulence factors. Expert Review of Molecular Diagnostics, 2003, 3, 781-784.	1.5	8
36	A unique methodology for detecting the spread of chloroquine-resistant strains of <i>Plasmodium falciparum</i> , in previously unreported areas, by analyzing anophelines of malaria endemic zones of Orissa, India. Infection, Genetics and Evolution, 2009, 9, 462-467.	1.0	8

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37	Sequence analysis of <i>Vibrio cholerae</i> orfU and <i>zot</i> from pre-CTX _I and CTX _I reveals multiple origin of pre-CTX _I and CTX _I . Environmental Microbiology Reports, 2010, 2, 67-75.	1.0	8
38	Effect of storage and sodium chloride on excision of CTX _Ø or pre-CTX _Ø and CTX _Ø from <i>Vibrio cholerae</i> O139 strains. Infection, Genetics and Evolution, 2010, 10, 925-930.	1.0	8
39	<i>Vibrio cholerae</i> O1 biotype El Tor strains isolated in 1992 from Varanasi, India harboured El Tor CTX _I and classical <i>ctxB</i> on the chromosome-I and classical CTX _I and classical <i>ctxB</i> on the chromosome-II. Environmental Microbiology Reports, 2011, 3, 783-790.	1.0	8
40	Synthesis, Photophysical Studies on Some Anthracene-based Ionic Liquids and their Application as Biofilm Formation Inhibitor. ChemistrySelect, 2017, 2, 2426-2432.	0.7	8
41	Antibiotic resistance in clinical and environmental isolates of <i>Aeromonas</i> spp. Journal of Antimicrobial Chemotherapy, 1994, 33, 368-369.	1.3	7
42	Influence of animal passage on haemolysin and enterotoxin production in <i>Vibrio cholerae</i> O1 biotype El Tor strains. Journal of Medical Microbiology, 1994, 40, 246-251.	0.7	7
43	Homology modelling of a sensor histidine kinase from <i>Aeromonas hydrophila</i> . Journal of Molecular Modeling, 2010, 16, 1003-1009.	0.8	7
44	Genomic profile of antibiotic resistant, classical <i>ctxB</i> positive <i>Vibrio cholerae</i> O1 biotype El Tor isolated in 2003 and 2005 from Puri, India: A retrospective study. Indian Journal of Medical Microbiology, 2016, 34, 462-470.	0.3	7
45	Haemagglutinating activity, serum sensitivity and enterotoxigenicity of <i>Aeromonas</i> spp.. Journal of Medical Microbiology, 1993, 38, 49-53.	0.7	6
46	A putative heat-labile enterotoxin expressed by strains of <i>Aeromonas media</i> . Journal of Medical Microbiology, 2000, 49, 685-689.	0.7	6
47	Haemolysin produced by <i>Vibrio cholerae</i> non-O1 is not enterotoxic. Journal of Medical Microbiology, 1996, 45, 35-39.	0.7	4
48	Production of the new cholera toxin by environmental isolates of <i>Vibrio cholerae</i> non-O1. Journal of Medical Microbiology, 1996, 45, 31-34.	0.7	4
49	Characterization of cytotoxin-producing <i>Aeromonas caviae</i> (strain HT10) isolated from a sulfur spring in Orissa, India. Letters in Applied Microbiology, 2007, 44, 338-341.	1.0	4
50	Detection and molecular characterization of <i>Vibrio cholerae</i> O1 Inaba biotype El Tor strain in Kerala, S. India. World Journal of Microbiology and Biotechnology, 2008, 24, 433-434.	1.7	4
51	Characteristics of <i>Vibrio cholerae</i> O1 isolated from water of the River Ganga, Varanasi, India. Indian Journal of Medical Microbiology, 2015, 33, 507-515.	0.3	4
52	Analysis of clonally related environmental <i>Vibrio cholerae</i> O1 El Tor isolated before 1992 from Varanasi, India reveals origin of SXT ₁ CEs belonging to O139 and O1 serogroups. Environmental Microbiology Reports, 2010, 2, 50-57.	1.0	3
53	Whole-Genome Sequence of <i>Vibrio alginolyticus</i> Isolated from the Mucus of the Coral <i>Fungia danai</i> in the Andaman Sea, India. Genome Announcements, 2016, 4, .	0.8	3
54	Whole-Genome Sequences of <i>Staphylococcus haemolyticus</i> Isolated from Infected Eyes and Healthy Conjunctiva in Bhubaneswar, India. Genome Announcements, 2016, 4, .	0.8	3

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55	Purification and Characterization of Cytotoxin Produced by a Clinical Isolate of <i>Vibrio cholerae</i> O54 TV113. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 809-823.	1.4	2
56	Virulence Pattern and Genomic Diversity of <i>Vibrio cholerae</i> O1 and O139 Strains Isolated From Clinical and Environmental Sources in India. <i>Frontiers in Microbiology</i> , 2020, 11, 1838.	1.5	2
57	Mechanism of Antibiotic Resistance and Pathogenicity of <i>Vibrio cholerae</i> . , 2020, , 273-299.		2
58	Enteropathogenicity of and. <i>FEMS Immunology and Medical Microbiology</i> , 1997, 17, 243-250.	2.7	1
59	Characterization of a Cholera Toxin Gene-Negative Clinical Strain of <i>Vibrio cholerae</i> O139 Bengal. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1381-1381.	1.8	1