

K S Nathiga Nambi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

715
citations

471477

17
h-index

552766

26
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30
all docs

30
docs citations

30
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of CS/TPP nanoparticles for oral delivery of gene in fish. <i>Aquaculture</i> , 2012, 358-359, 14-22.	3.5	74
2	In vitro assay for the toxicity of silver nanoparticles using heart and gill cell lines of <i>Catla catla</i> and gill cell line of <i>Labeo rohita</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 161, 41-52.	2.6	52
3	Delivery of DNA vaccine using chitosan-tripolyphosphate (CS/TPP) nanoparticles in Asian sea bass, <i>Lates calcarifer</i> (Bloch, 1790) for protection against nodavirus infection. <i>Aquaculture</i> , 2014, 420-421, 240-246.	3.5	51
4	Establishment and characterization of permanent cell line from gill tissue of <i>Labeo rohita</i> (Hamilton) and its application in gene expression and toxicology. <i>Cell Biology and Toxicology</i> , 2013, 29, 59-73.	5.3	43
5	Comparison of in vitro and in vivo acute toxicity assays in <i>Etroplus suratensis</i> (Bloch, 1790) and its three cell lines in relation to tannery effluent. <i>Chemosphere</i> , 2012, 87, 55-61.	8.2	38
6	In vitro cytotoxic, genotoxic and oxidative stress of cypermethrin on five fish cell lines. <i>Pesticide Biochemistry and Physiology</i> , 2014, 113, 15-24.	3.6	38
7	Development and characterization of a new gill cell line from air breathing fish <i>Channa striatus</i> (Bloch 1793) and its application in toxicology: Direct comparison to the acute fish toxicity. <i>Chemosphere</i> , 2014, 96, 89-98.	8.2	38
8	A new fibroblastic-like cell line from heart muscle of the Indian major carp (<i>Catla catla</i>): Development and characterization. <i>Aquaculture</i> , 2009, 293, 180-186.	3.5	37
9	Application of fish cell lines for evaluating the chromium induced cytotoxicity, genotoxicity and oxidative stress. <i>Chemosphere</i> , 2017, 184, 1-12.	8.2	34
10	Development and characterization of cell line from the gill tissue of <i>Catla catla</i> (Hamilton, 1822) for toxicological studies. <i>Chemosphere</i> , 2013, 90, 2172-2180.	8.2	33
11	Studies on ulcerative disease caused by <i>Aeromonas caviae</i> -like bacterium in Indian catfish, <i>Clarias batrachus</i> (Linn). <i>Aquaculture</i> , 2013, 376-379, 146-150.	3.5	27
12	Development and characterization of novel cell lines from <i>Etroplus suratensis</i> and their applications in virology, toxicology and gene expression. <i>Journal of Fish Biology</i> , 2012, 80, 312-334.	1.6	25
13	Cytotoxicity, genotoxicity and oxidative stress of malachite green on the kidney and gill cell lines of freshwater air breathing fish <i>Channa striata</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 13539-13550.	5.3	25
14	Production of recombinant vaccine using capsid gene of nodavirus to protect Asian sea bass, <i>Lates calcarifer</i> (Bloch, 1790). <i>Aquaculture</i> , 2014, 418-419, 148-154.	3.5	24
15	Development, distribution and expression of a DNA vaccine against nodavirus in Asian Seabass, <i>Lates calcarifer</i> (Bloch, 1790). <i>Aquaculture Research</i> , 2016, 47, 1209-1220.	1.8	23
16	Establishment and characterization of a fin cell line from Indian walking catfish, <i>Clarias batrachus</i> (L.). <i>Journal of Fish Diseases</i> , 2011, 34, 355-364.	1.9	21
17	Development, characterization and application of a new fibroblastic-like cell line from kidney of a freshwater air breathing fish <i>Channa striatus</i> (Bloch, 1793). <i>Acta Tropica</i> , 2013, 127, 25-32.	2.0	19
18	Antivenom activity of triterpenoid ($C_{34}H_{68}O_2$) from <i>Leucas aspera</i> Linn. against <i>Naja naja naja</i> venom induced toxicity. <i>Human and Experimental Toxicology</i> , 2014, 33, 336-359.	2.2	16

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19	In vitro white spot syndrome virus (WSSV) replication in explants of the heart of freshwater crab, <i>Paratelphusa hydrodomous</i> . <i>Journal of Virological Methods</i> , 2012, 183, 186-195.	2.1	13
20	Comparison of betanodavirus replication efficiency in ten Indian fish cell lines. <i>Archives of Virology</i> , 2013, 158, 1367-1375.	2.1	13
21	Effects of nicotine on zebrafish: A comparative response between a newly established gill cell line and whole gills. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 68-77.	2.6	13
22	Zebrafish fin-derived fibroblast cell line: A model for in vitro wound healing. <i>Journal of Fish Diseases</i> , 2019, 42, 573-584.	1.9	12
23	High efficacy of white spot syndrome virus replication in tissues of freshwater rice-field crab, <i>Paratelphusa hydrodomous</i> (Herbst). <i>Journal of Fish Diseases</i> , 2012, 35, 917-925.	1.9	9
24	Development and Use of Retinal Pigmented Epithelial Cell Line from Zebrafish (<i>Danio rerio</i>) for Evaluating the Toxicity of Ultraviolet-B. <i>Zebrafish</i> , 2015, 12, 21-32.	1.1	8
25	Production of recombinant capsid protein of <i>Macrobrachium rosenbergii</i> nodavirus (rMCP43) of giant freshwater prawn, <i>M. rosenbergii</i> (de Man) for immunological diagnostic methods. <i>Journal of Fish Diseases</i> , 2014, 37, 703-710.	1.9	7
26	Isolation, Propagation, Characterization, Cryopreservation, and Application of Novel Cardiovascular Endothelial Cell Line From <i>Channa striatus</i> (Bloch, 1793). <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 601-616.	1.8	6
27	Immunomodulatory effect of <i>Cynodon dactylon</i> against white tail disease of giant freshwater prawn, <i>Macrobrachium rosenbergii</i> (de Man, 1879). <i>Aquaculture Research</i> , 2016, 47, 3421-3431.	1.8	6
28	In vitro propagation of hepatopancreatic parvo-like virus (HPV) of shrimp in C6/36 (<i>Aedes albopictus</i>) cell line. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 229-235.	3.2	5
29	Partial cloning and production of polyclonal antiserum against recombinant capsid protein of Hepatopancreatic Parvovirus (HPV) and its application for diagnostics in penaeid shrimp. <i>Process Biochemistry</i> , 2013, 48, 1893-1898.	3.7	3
30	Tissue distribution of hepatopancreatic parvo-like virus of shrimp in freshwater rice-field crab, <i>Paratelphusa hydrodomous</i> (Herbst). <i>Journal of Fish Diseases</i> , 2014, 37, 969-980.	1.9	2