

# Venugopal Rajanbabu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

957  
citations

430442

18  
h-index

610482

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of antimicrobial peptides from fish and perspectives for the future. <i>Peptides</i> , 2011, 32, 415-420.	1.2	194
2	NLRP3 deletion protects from hyperoxia-induced acute lung injury. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C182-C189.	2.1	131
3	Tilapia ( <i>Oreochromis mossambicus</i> ) antimicrobial peptide, hepcidin 1â€“5, shows antitumor activity in cancer cells. <i>Peptides</i> , 2011, 32, 342-352.	1.2	76
4	Use of the antimicrobial peptide Epinecidin-1 to protect against MRSA infection in mice with skin injuries. <i>Biomaterials</i> , 2013, 34, 10319-10327.	5.7	72
5	MicroRNA-133a-1 regulates inflammasome activation through uncoupling protein-2. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 407-412.	1.0	61
6	Antiviral function of tilapia hepcidin 1â€“5 and its modulation of immune-related gene expressions against infectious pancreatic necrosis virus (IPNV) in Chinook salmon embryo (CHSE)-214 cells. <i>Fish and Shellfish Immunology</i> , 2011, 30, 39-44.	1.6	60
7	Tilapia Hepcidin 2-3 Peptide Modulates Lipopolysaccharide-induced Cytokines and Inhibits Tumor Necrosis Factor-Î± through Cyclooxygenase-2 and Phosphodiesterase 4D. <i>Journal of Biological Chemistry</i> , 2010, 285, 30577-30586.	1.6	42
8	Genipin suppresses NLRP3 inflammasome activation through uncoupling protein-2. <i>Cellular Immunology</i> , 2015, 297, 40-45.	1.4	38
9	Modulation of immune responses by the antimicrobial peptide, epinecidin (Epi)-1, and establishment of an Epi-1-based inactivated vaccine. <i>Biomaterials</i> , 2011, 32, 3627-3636.	5.7	37
10	Enhancer of Zeste Homolog 2 Induces Pulmonary Artery Smooth Muscle Cell Proliferation. <i>PLoS ONE</i> , 2012, 7, e37712.	1.1	28
11	The antimicrobial peptide, tilapia hepcidin 2-3, and PMA differentially regulate the protein kinase C isoforms, TNF-Î± and COX-2, in mouse RAW264.7 macrophages. <i>Peptides</i> , 2011, 32, 333-341.	1.2	25
12	A cancer vaccine based on the marine antimicrobial peptide pardaxin (GE33) for control of bladder-associated tumors. <i>Biomaterials</i> , 2013, 34, 10151-10159.	5.7	25
13	Transcriptome analysis of medaka following epinecidin-1 and TH1-5 treatment of NNV infection. <i>Fish and Shellfish Immunology</i> , 2015, 42, 121-131.	1.6	23
14	Impact of Tilapia hepcidin 2-3 dietary supplementation on the gut microbiota profile and immunomodulation in the grouper ( <i>Epinephelus lanceolatus</i> ). <i>Scientific Reports</i> , 2019, 9, 19047.	1.6	23
15	Modulation of the immune-related gene responses to protect mice against Japanese encephalitis virus using the antimicrobial peptide, tilapia hepcidin 1-5. <i>Biomaterials</i> , 2011, 32, 6804-6814.	5.7	22
16	Dietary supplementation of recombinant antimicrobial peptide <i>Epinephelus lanceolatus</i> piscidin improves growth performance and immune response in <i>Gallus gallus domesticus</i> . <i>PLoS ONE</i> , 2020, 15, e0230021.	1.1	22
17	Evaluation of the epinecidin-1 peptide as an active ingredient in cleaning solutions against pathogens. <i>Peptides</i> , 2010, 31, 1449-1458.	1.2	21
18	Insights into the antibacterial and immunomodulatory functions of tilapia hepcidin (TH)2-3 against <i>Vibrio vulnificus</i> infection in mice. <i>Developmental and Comparative Immunology</i> , 2012, 36, 166-173.	1.0	19

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19	Enhanced Control of Bladder-Associated Tumors Using Shrimp Anti-Lipoplysaccharide Factor (SALF) Antimicrobial Peptide as a Cancer Vaccine Adjuvant in Mice. <i>Marine Drugs</i> , 2015, 13, 3241-3258.	2.2	13
20	Inflammasome Inhibition Suppresses Alveolar Cell Permeability Through Retention of Neuregulin-1 (NRG-1). <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 2012-2024.	1.1	9
21	Antimicrobial Peptides from Marine Organisms. , 2015, , 747-758.		6
22	Dietary supplementation of recombinant tilapia piscidin 4-expressing yeast enhances growth and immune response in <i>Lates calcarifer</i> . <i>Aquaculture Reports</i> , 2020, 16, 100254.	0.7	4
23	Lack of Acute Toxicity and Mutagenicity from Recombinant <i>Epinephelus lanceolatus</i> Piscidin Expressed in <i>Pichia pastoris</i> . <i>Marine Drugs</i> , 2020, 18, 206.	2.2	4
24	Effect of Drupe size Grading on in Vivo and in Vitro Germination and its Dormancy Mechanism of Teak ( <i>Tectona grandis</i> Linn. F). <i>Biosciences, Biotechnology Research Asia</i> , 2021, 17, 673-683.	0.2	1
25	Variability of <i>Fusarium verticillioides</i> Isolates causing Maize Post Flowering Stalk Rot with Respect to Growth Parameters on Culture Media. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 1213-1218.	0.0	1
26	NLRP3-Deficient Mice Have an Enhanced Neutrophil Apoptosis and a Suppressed Inflammatory Response to Hyperoxia-Induced Acute Lung Injury. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB9.	1.5	0
27	Patterns of dormancy and germination in teak seeds collected from the farmland and forest plantations in Tamil Nadu, India. <i>Indian Journal of Forestry</i> , 2020, 43, 302-307.	0.1	0