

# Vijayakumar U Mayakrishnan

## List of Publications by Year in descending order

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21  
papers

787  
citations

759055

12  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, characterisation and anti-bacterial effect of plant-mediated silver nanoparticles using <i>Artemisia nilagirica</i> . <i>Industrial Crops and Products</i> , 2013, 41, 235-240.	2.5	287
2	Chitosan-mediated synthesis of biogenic silver nanoparticles (AgNPs), nanoparticle characterisation and in vitro assessment of anticancer activity in human hepatocellular carcinoma HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 844-852.	3.6	71
3	Assessment of probiotic, antifungal and cholesterol lowering properties of <i>Pediococcus pentosaceus</i> KCC-23 isolated from Italian ryegrass. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 593-601.	1.7	62
4	The effect of lactation number, stage, length, and milking frequency on milk yield in Korean Holstein dairy cows using automatic milking system. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 1093-1098.	2.4	54
5	Cardioprotective activity of polysaccharides derived from marine algae: An overview. <i>Trends in Food Science and Technology</i> , 2013, 30, 98-104.	7.8	53
6	In-vitro assessment of the probiotic potential of <i>Lactobacillus plantarum</i> KCC-24 isolated from Italian ryegrass ( <i>Lolium multiflorum</i> ) forage. <i>Anaerobe</i> , 2015, 32, 90-97.	1.0	50
7	Trigonelline attenuates the adipocyte differentiation and lipid accumulation in 3T3-L1 cells. <i>Phytomedicine</i> , 2014, 21, 758-765.	2.3	49
8	Free radical scavenging potential of <i>Lagenaria siceraria</i> (Molina) Standl fruits extract. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 20-26.	0.4	28
9	<i>Moringa concanensis</i> Nimmo extracts ameliorates hyperglycemia-mediated oxidative stress and upregulates PPAR $\alpha$ and GLUT4 gene expression in liver and pancreas of streptozotocin-nicotinamide induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108688.	2.5	23
10	Production of chitinase from <i>Escherichia fergusonii</i> , chitosanase from <i>Chryseobacterium indologenes</i> , <i>Comamonas koreensis</i> and its application in N-acetylglucosamine production. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 1115-1121.	3.6	19
11	Shrimp shells extracted chitin in silver nanoparticle synthesis: Expanding its prophecy towards anticancer activity in human hepatocellular carcinoma HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1402-1409.	3.6	16
12	Preparation of Nanoemulsions of Vitamin A and C by Microfluidization: Efficacy on the Expression Pattern of Milk-Specific Proteins in MAC-T Cells. <i>Molecules</i> , 2019, 24, 2566.	1.7	14
13	The effect of seasonal thermal stress on milk production and milk compositions of Korean Holstein and Jersey cows. <i>Animal Bioscience</i> , 2021, 34, 567-574.	0.8	11
14	Effect of fermented total mixed rations on the growth performance, carcass and meat quality characteristics of Hanwoo steers. <i>Animal Science Journal</i> , 2018, 89, 606-615.	0.6	11
15	A comparative study on milk composition of Jersey and Holstein dairy cows during the early lactation. <i>Journal of Animal Science and Technology</i> , 2020, 62, 565-576.	0.8	9
16	Effects of supplementing Barodon, <i>Bacillus subtilis</i> , and Ampbio on growth performance, biochemical metabolites, and hormone levels in Korean native heifers. <i>Tropical Animal Health and Production</i> , 2018, 50, 1637-1643.	0.5	8
17	<i>Cyathula prostrata</i> : A potent source of anticancer agent against dalton's ascites in Swiss albino mice. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 776-779.	0.4	6
18	Hepatoprotective mechanism of lycorine against carbon tetrachloride induced toxicity in swiss albino mice – A proteomic approach. <i>Asian Pacific Journal of Reproduction</i> , 2015, 4, 123-128.	0.2	6

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19	Cardioprotective effect of <i>Lagenaria siceraria</i> (Mol) ameliorates isoproterenol-induced cardiac toxicity in rats by stabilizing cardiac mitochondrial and lysosomal enzymes. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 171-176.	0.6	5
20	The effect of nanoemulsified methionine and cysteine on the in vitro expression of casein in bovine mammary epithelial cells. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 257-264.	2.4	4
21	Effects of Replacing Corn with Hydroponically Sprouted Barley on the Growth Performance and Blood Metabolite Status of Holstein Dairy Heifers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7442.	1.3	1