

# Vijaya Bodiga

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

628  
citations

566801

15  
h-index

610482

24  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced glycation end products: role in pathology of diabetic cardiomyopathy. <i>Heart Failure Reviews</i> , 2014, 19, 49-63.	1.7	154
2	Cardioprotective effect of zinc requires ErbB2 and Akt during hypoxia/reoxygenation. <i>BioMetals</i> , 2011, 24, 171-180.	1.8	39
3	Renin Angiotensin System in Cognitive Function and Dementia. <i>Asian Journal of Neuroscience</i> , 2013, 2013, 1-18.	0.2	39
4	Effect of vitamin supplementation on cisplatin-induced intestinal epithelial cell apoptosis in Wistar/NIN rats. <i>Nutrition</i> , 2012, 28, 572-580.	1.1	30
5	Zinc pyrithione salvages reperfusion injury by inhibiting NADPH oxidase activation in cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 270-275.	1.0	28
6	Development and characterization of 1% $\omega$ -3 fatty acid nanoemulsions with improved physicochemical stability and bioaccessibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125515.	2.3	22
7	Attenuation of non-enzymatic thermal glycation of bovine serum albumin (BSA) using $\beta$ -carotene. <i>International Journal of Biological Macromolecules</i> , 2013, 56, 41-48.	3.6	20
8	Chronic low intake of protein or vitamins increases the intestinal epithelial cell apoptosis in Wistar/NIN rats. <i>Nutrition</i> , 2005, 21, 949-960.	1.1	19
9	Seroprevalence and Influence of Torch Infections in High Risk Pregnant Women: A Large Study from South India. <i>Journal of Obstetrics and Gynecology of India</i> , 2015, 65, 301-309.	0.3	19
10	Zinc Dyshomeostasis in Cardiomyocytes after Acute Hypoxia/Reoxygenation. <i>Biological Trace Element Research</i> , 2017, 179, 117-129.	1.9	19
11	Lymphocytes with Cytotoxic Activity Induce Rapid Microtubule Axonal Destabilization Independently and before Signs of Neuronal Death. <i>ASN Neuro</i> , 2013, 5, AN20120087.	1.5	18
12	Loss of ErbB2-PI3K/Akt signaling prevents zinc pyrithione-induced cardioprotection during ischemia/reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 309-324.	2.5	18
13	Comparative Response of Cardiomyocyte ZIPs and ZnTs to Extracellular Zinc and TPEN. <i>Biological Trace Element Research</i> , 2019, 192, 297-307.	1.9	18
14	Zinc pyrithione inhibits caspase-3 activity, promotes ErbB1-ErbB2 heterodimerization and suppresses ErbB2 downregulation in cardiomyocytes subjected to ischemia/reperfusion. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 49-59.	1.5	16
15	Silencing of PKC- $\delta$ , TRPC1 or NF- $\kappa$ B expression attenuates cisplatin-induced ICAM-1 expression and endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2015, 98, 78-91.	2.0	16
16	Inhibition of Inducible Nitric Oxide Synthase (iNOS) by Andrographolide and In Vitro Evaluation of Its Antiproliferative and Proapoptotic Effects on Cervical Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	16
17	Copper deprivation modulates CTR1 and CUP1 expression and enhances cisplatin cytotoxicity in <i>Saccharomyces cerevisiae</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 13-19.	1.5	15
18	Chronic low vitamin intake potentiates cisplatin-induced intestinal epithelial cell apoptosis in WNIN rats. <i>World Journal of Gastroenterology</i> , 2006, 12, 1078.	1.4	15

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19	Intracellular zinc status influences cisplatin-induced endothelial permeability through modulation of PKC $\beta$ , NF- $\kappa$ B and ICAM-1 expression. <i>European Journal of Pharmacology</i> , 2016, 791, 355-368.	1.7	14
20	Effects of vitamin restriction and supplementation on rat intestinal epithelial cell apoptosis. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1614-1624.	1.3	12
21	Identification of Differentially Expressed Genes in Cervical Cancer Patients by Comparative Transcriptome Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	11
22	Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses. <i>Molecular and Cellular Biochemistry</i> , 2019, 458, 27-37.	1.4	10
23	Cisplatin cytotoxicity is dependent on mitochondrial respiration in. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 83-89.	1.0	10
24	Effect of dietary antioxidants on the cytostatic effect of acrylamide during copper-deficiency in <i>Saccharomyces cerevisiae</i> . <i>Food and Function</i> , 2014, 5, 705-715.	2.1	8
25	Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation. <i>Biological Chemistry</i> , 2020, 401, 1257-1271.	1.2	8
26	Low Ctr1p, due to lack of Sco1p results in lowered cisplatin uptake and mediates insensitivity of rho0 yeast to cisplatin. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 14-24.	1.5	7
27	In vitro biological evaluation of glyburide as potential inhibitor of collagenases. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 187-192.	3.6	6
28	Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS $\alpha$ -derived nitric oxide. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115809.	1.4	5
29	Dietary phytate lowers - mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 20-29.	1.0	5
30	Association of ADAM33 gene S1 and S2 transmembrane domain polymorphisms in COPD from South-Indian population. <i>Egyptian Journal of Medical Human Genetics</i> , 2016, 17, 317-323.	0.5	3
31	Conformational Epitope Prediction of Birch Betv 1 and Hazel Cor A1 Towards B-Cells. <i>Journal of Pharmaceutical Research International</i> , 0, , 146-159.	1.0	3
32	Role of mitochondrial respiration in sensitization of copper-deficient yeast to cisplatin-induced cytotoxicity. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2013, 7, 210-217.	1.1	1
33	EFFECT OF ARABICA AND CANEPHORA COFFEE BEAN EXTRACTS TOWARDS MODIFICATION OF RED BLOOD CELL SURFACE ANTIGENS. <i>International Research Journal of Pharmacy</i> , 2018, 9, 91-95.	0.0	1
34	Isolation and Characterization of a Lactose-Binding Lectin from <i>Ocimum sanctum</i> . <i>Journal of Applied Pharmaceutical Science</i> , 0, , 113-117.	0.7	1
35	Zinc dyshomeostasis in azoxymethane induced colonic precancerous and cancerous lesions in Fisher rats. <i>Metallomics</i> , 2021, 13, .	1.0	1
36	Association of Calcineurin B (PPP3R1) Functional Gene Polymorphism in South Indian Children with Idiopathic Mental Retardation. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 599.	0.2	1

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37	Crocin inhibits urea-induced amyloid formation by bovine $\beta$ -lactoglobulin. <i>New Journal of Chemistry</i> , 2021, 45, 2589-2596.	1.4	0
38	Strategies for Tracking Immune Surveillance of Tumor Milieu during Angiogenesis. <i>International Journal of Pharma and Bio Sciences</i> , 2021, 11, 102-106.	0.1	0
39	Zinc ionophores isolated from <i>Terminalia bellirica</i> fruit rind extract protect against cardiomyocyte hypoxia/reoxygenation injury. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116394.	1.4	0
40	DESIGNING A VACCINE FOR CANCER: A LOOK INTO DENDRITIC CELL CANCER VACCINE. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 27-31.	0.3	0
41	Physicochemical studies of sunflower oil based vitamin D nanoemulsions. <i>Journal of Dispersion Science and Technology</i> , 0, , 1-11.	1.3	0