

# Vishnu Priya Veeraraghavan

## List of Publications by Year in descending order

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89  
papers

1,707  
citations

394421

19  
h-index

330143

37  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosynthesized gold nanoparticles from <i>Catharanthus roseus</i> induces caspase-mediated apoptosis in cervical cancer cells (HeLa). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1938-1946.	2.8	211
2	6-shogaol, a active constituents of ginger prevents UVB radiation mediated inflammation and oxidative stress through modulating NrF2 signaling in human epidermal keratinocytes (HaCaT cells). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111518.	3.8	193
3	Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020, 2020, 1-19.	1.9	88
4	Synthesis of Zinc oxide nanoparticles from <i>Marsdenia tenacissima</i> inhibits the cell proliferation and induces apoptosis in laryngeal cancer cells (Hep-2). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111624.	3.8	83
5	Chemical composition, antioxidant, and anti-diabetic activities of ethyl acetate fraction of <i>Stachys riederi</i> var. <i>japonica</i> (Miq.) in streptozotocin-induced type 2 diabetic mice. <i>Food and Chemical Toxicology</i> , 2021, 155, 112374.	3.6	79
6	In vitro wound healing potency of methanolic leaf extract of <i>Aristolochia saccata</i> is possibly mediated by its stimulatory effect on collagen-1 expression. <i>Heliyon</i> , 2019, 5, e01648.	3.2	60
7	Green synthesis of silver nanoparticles from aqueous extract of <i>Scutellaria barbata</i> and coating on the cotton fabric for antimicrobial applications and wound healing activity in fibroblast cells (L929). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3633-3640.	3.8	56
8	$\hat{I}^2$ -Sitosterol Circumvents Obesity Induced Inflammation and Insulin Resistance by down-Regulating IKK $\hat{I}^2$ /NF- $\hat{I}^2$ B and JNK Signaling Pathway in Adipocytes of Type 2 Diabetic Rats. <i>Molecules</i> , 2021, 26, 2101.	3.8	48
9	Apoptotic induction and anti-metastatic activity of eugenol encapsulated chitosan nanopolymer on rat glioma C6 cells via alleviating the MMP signaling pathway. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111773.	3.8	47
10	Neuroprotective effects of ononin against the aluminium chloride-induced Alzheimer's disease in rats. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4232-4239.	3.8	45
11	Biologically synthesized green gold nanoparticles from <i>Siberian ginseng</i> induce growth-inhibitory effect on melanoma cells (B16). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3297-3305.	2.8	40
12	Gold nanoparticles synthesized with <i>Smilax glabra</i> rhizome modulates the anti-obesity parameters in high-fat diet and streptozotocin induced obese diabetes rat model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111643.	3.8	38
13	Zingerone induced caspase-dependent apoptosis in MCF7 cells and prevents 7,12-dimethylbenz(a)anthracene-induced mammary carcinogenesis in experimental rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22387.	3.0	36
14	A ginger derivative, zingerone a phenolic compound induces ROS-mediated apoptosis in colon cancer cells (HCT116). <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22403.	3.0	34
15	Anticarcinogenic potential of gold nanoparticles synthesized from <i>Trichosanthes kirilowii</i> in colon cancer cells through the induction of apoptotic pathway. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3577-3584.	2.8	31
16	Punicalagin promotes the apoptosis in human cervical cancer (ME-180) cells through mitochondrial pathway and by inhibiting the NF- $\kappa$ B signaling pathway. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1100-1106.	3.8	29
17	Sesame Inhibits Cell Proliferation and Induces Apoptosis through Inhibition of STAT-3 Translocation in Thyroid Cancer Cell Lines (FTC-133). <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 646-652.	2.6	28
18	Osteogenic differentiation and mineralization potential of zinc oxide nanoparticles from <i>Scutellaria baicalensis</i> on human osteoblast-like MG-63 cells. <i>Materials Science and Engineering C</i> , 2021, 119, 111656.	7.3	25

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19	Cardiac Protective Effect of Kirenol against Doxorubicin-Induced Cardiac Hypertrophy in H9c2 Cells through Nrf2 Signaling via PI3K/AKT Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3269.	4.1	22
20	<i>Ganoderma lucidum</i> put forth anti-tumor activity against PC-3 prostate cancer cells via inhibition of Jak-1/STAT-3 activity. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2632-2637.	3.8	20
21	Pharmacological insights into antioxidants against colorectal cancer: A detailed review of the possible mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1514-1522.	5.6	19
22	Anticarcinogenic effect of gold nanoparticles synthesized from <i>Albizia lebbek</i> on HCT-116 colon cancer cell lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1206-1213.	2.8	19
23	Mangiferin Inhibits Apoptosis in Doxorubicin-Induced Vascular Endothelial Cells via the Nrf2 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4259.	4.1	19
24	Polysaccharide-Drug Conjugates: A Tool for Enhanced Cancer Therapy. <i>Polymers</i> , 2022, 14, 950.	4.5	19
25	Impact of benzo[a]pyrene with other pollutants induce the molecular alternation in the biological system: Existence, detection, and remediation methods. <i>Environmental Pollution</i> , 2022, 304, 119207.	7.5	19
26	Green synthesis of silver nanoparticles from <i>Alpinia officinarum</i> mitigates cisplatin-induced nephrotoxicity via down-regulating apoptotic pathway in rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3212-3221.	2.8	16
27	Potential chemotherapeutic effect of betalain against human non-small cell lung cancer through PI3K/Akt/mTOR signaling pathway. <i>Environmental Toxicology</i> , 2021, 36, 1011-1020.	4.0	16
28	Rhaponticin suppresses osteosarcoma through the inhibition of PI3K-Akt-mTOR pathway. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3641-3649.	3.8	16
29	Kirenol Inhibits B[a]P-Induced Oxidative Stress and Apoptosis in Endothelial Cells via Modulation of the Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	15
30	Knowledge on cervical cancer and perceived barriers to the uptake of HPV vaccination among health professionals. <i>BMC Women's Health</i> , 2021, 21, 65.	2.0	13
31	Unraveling the hazardous impact of diverse contaminants in the marine environment: Detection and remedial approach through nanomaterials and nano-biosensors. <i>Journal of Hazardous Materials</i> , 2022, 433, 128720.	12.4	13
32	Lung cancer induced by Benzo(A)Pyrene: ChemoProtective effect of sinapic acid in swiss albino mice. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7125-7133.	3.8	12
33	Anti-Apoptotic Effect of Flavokawain A on Ochratoxin-A-Induced Endothelial Cell Injury by Attenuation of Oxidative Stress via PI3K/AKT-Mediated Nrf2 Signaling Cascade. <i>Toxins</i> , 2021, 13, 745.	3.4	12
34	Role of myeloid derived suppressor cells in sepsis. <i>International Immunopharmacology</i> , 2022, 104, 108452.	3.8	12
35	Diosgenin inhibits ER stress-induced inflammation in aorta via iRhom2/TACE mediated signaling in experimental diabetic rats: An in vivo and in silico approach. <i>Chemico-Biological Interactions</i> , 2022, 358, 109885.	4.0	12
36	Comparison of Immunological Profiles of SARS-CoV-2 Variants in the COVID-19 Pandemic Trends: An Immunoinformatics Approach. <i>Antibiotics</i> , 2021, 10, 535.	3.7	11

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37	Antiatherosclerotic Activity of Eriocitrin in High-Fat-Diet-Induced Atherosclerosis Model Rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2020, 39, 61-75.	1.2	11
38	Elucidating the role of N440K mutation in SARS-CoV-2 spike " ACE-2 binding affinity and COVID-19 severity by virtual screening, molecular docking and dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-18.	3.5	11
39	Eugenol" piperine loaded polyhydroxy butyrate/polyethylene glycol nanocomposite" induced apoptosis and cell death in nasopharyngeal cancer (C666"1) cells through the inhibition of the PI3K/AKT/mTOR signaling pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22700.	3.0	10
40	Tomentosin Reduces Behavior Deficits and Neuroinflammatory Response in MPTP-Induced Parkinson's Disease in Mice. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2021, 40, 75-84.	1.2	10
41	D-carvone induced ROS mediated apoptotic cell death in human leukemic cell lines (Molt-4). <i>Bioinformation</i> , 2021, 17, 171-180.	0.5	10
42	Molecular docking and ADMET analysis of hydroxamic acids as HDAC2 inhibitors. <i>Bioinformation</i> , 2019, 15, 380-387.	0.5	10
43	Mitochondrial and Organellar Crosstalk in Parkinson"™s Disease. <i>ASN Neuro</i> , 2021, 13, 175909142110283.	2.7	9
44	Nobiletin promotes osteogenic differentiation of human osteoblastic cell line (MG-63) through activating the BMP-2/RUNX-2 signaling pathway. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4916-4920.	3.8	9
45	Restorative Effect of Fucoxanthin in an Ovalbumin-Induced Allergic Rhinitis Animal Model through NF- $\kappa$ B p65 and STAT3 Signaling. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019, 38, 365-375.	1.2	9
46	Effect of pioglitazone, quercetin and hydroxy citric acid on extracellular matrix components in experimentally induced non-alcoholic steatohepatitis. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 832-6.	1.0	9
47	Cardioprotective potential of polyphenols rich Thraatchathi Chooranam against isoproterenol induced myocardial necrosis in experimental rats. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 356.	2.7	8
48	Anticancer and immunomodulatory effect of rhaponticin on Benzo(a)Pyrene-induced lung carcinogenesis and induction of apoptosis in A549 cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4522-4531.	3.8	8
49	Non-classical monocytes and its potential in diagnosing sepsis post cardiac surgery. <i>International Immunopharmacology</i> , 2021, 99, 108037.	3.8	8
50	Monoclonal Antibody Functionalized, and L-lysine $\hat{\pm}$ -Oxidase Loaded PEGylated-Chitosan Nanoparticle for HER2/Neu Targeted Breast Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 927.	4.5	8
51	Consumption of reused vegetable oil intensifies BRCA1" mutations. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, , 1-8.	10.3	7
52	Toothbrushes as a Source of DNA for Gender and Human Identification" A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11182.	2.6	7
53	Effects of polyphenols on $\langle$ sc $\rangle$ ncRNAs $\rangle$ in cancer" An update. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 613-623.	1.9	7
54	A Comprehensive and Critical Review on Ethnopharmacological Importance of Desert Truffles: $\langle$ i $\rangle$ Terfezia claveryi, Terfezia boudieri $\rangle$ , and $\langle$ i $\rangle$ Tirmania nivea $\rangle$ . <i>Food Reviews International</i> , 2022, 38, 846-865.	8.4	6

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55	Arbutin exerts anticancer activity against rat C6 glioma cells by inducing apoptosis and inhibiting the inflammatory markers and P13/Akt/mTOR cascade. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22857.	3.0	6
56	Assessment of the Gastroprotective Effect of the Chaga Medicinal Mushroom, <i>Inonotus obliquus</i> (Agaricomycetes), Against the Gastric Mucosal Ulceration Induced by Ethanol in Experimental Rats. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 805-816.	1.5	6
57	Is Palatal Rugae Pattern a Reliable Tool for Personal Identification following Orthodontic Treatment? A Systematic Review and Meta-Analysis. <i>Diagnostics</i> , 2022, 12, 418.	2.6	6
58	D-Pinitol treatment induced the apoptosis in human leukemia MOLT-4 cells by improved apoptotic signaling pathway. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2134-2138.	3.8	5
59	Innate lymphoid cells: Potent early mediators of the host immune response during sepsis. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1114-1116.	10.5	5
60	Antidiabetic Activity of Methanolic Extract of <i>Artabotrys suaveolens</i> Leaves in 3T3-L1 Cell Line. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 573-580.	0.9	5
61	Reviewing the potential application of miR-21 inhibitors in oral cancer therapeutics. <i>Oral Oncology</i> , 2022, 125, 105713.	1.5	5
62	Antioxidant effects of <i>Emblca officinalis</i> and <i>Zingiber officinalis</i> on arsenic and lead induced toxicity on Albino rats. <i>Bioinformation</i> , 2021, 17, 295-305.	0.5	4
63	Anti-inflammatory effects of rhaponticin on LPS-induced human endothelial cells through inhibition of MAPK/NF- $\kappa$ B signaling pathways. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22733.	3.0	4
64	Effects of Boldine on Antioxidants and Allied Inflammatory Markers in Mouse Models of Asthma. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2020, 39, 225-234.	1.2	4
65	Molecular docking analysis of phytocompounds from <i>Andrographis paniculata</i> binding with proteins in the notch-signaling pathway. <i>Bioinformation</i> , 2020, 16, 923.	0.5	4
66	Deciphering the Role of MicroRNAs in Neuroblastoma. <i>Molecules</i> , 2022, 27, 99.	3.8	4
67	Fucoxanthin induced apoptotic cell death in oral squamous carcinoma (KB) cells. <i>Bioinformation</i> , 2021, 17, 181-191.	0.5	3
68	Effect of <i>Litsea lancifolia</i> leaf extract on glucose transporter 4 translocation and glucose uptake in 3T3L1 cell line. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2019, 11, 240.	0.6	3
69	Vicenin-2 Treatment Attenuated the Diethylnitrosamine-Induced Liver Carcinoma and Oxidative Stress through Increased Apoptotic Protein Expression in Experimental Rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2020, 39, 113-123.	1.2	3
70	Quantitation of mHLA-DR and nCD64 by Flow Cytometry to Study Dysregulated Host Response: The Use of QuantiBRITE <sup>®</sup> PE Beads and Its Stability. <i>Applied Biochemistry and Biotechnology</i> , 2022, , 1.	2.9	3
71	A comprehensive review on immuno-nanomedicine for breast cancer therapy: Technical challenges and troubleshooting measures. <i>International Immunopharmacology</i> , 2022, 103, 108433.	3.8	3
72	Plant-Derived Antiviral Compounds as Potential Entry Inhibitors against Spike Protein of SARS-CoV-2 Wild-Type and Delta Variant: An Integrative in Silico Approach. <i>Molecules</i> , 2022, 27, 1773.	3.8	3

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73	The Effect of Different Surface Conditioning Techniques on the Bonding between Resin Cement & Ceramic. <i>Coatings</i> , 2022, 12, 399.	2.6	3
74	Troloxerutin Abrogates Ischemic/Reperfusion-Induced Brain Injury through Ameliorating Oxidative Stress and Neuronal Inflammation by Inhibiting the Expression of NLRP3 in Sprague Dawley Rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2021, 40, 11-19.	1.2	2
75	Phyllanthin inhibits MOLT-4 leukemic cancer cell growth and induces apoptosis through the inhibition of AKT and JNK signaling pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-10.	3.0	2
76	Knowledge and Perception on Prevention of Hospital Acquired Infections (HAI) among Health Care Professionals in Tertiary Care Teaching Hospital. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 1527-1536.	0.9	2
77	(5E,7E)-4,5,6 Trihydroxy-3-(hydroxymethyl)tetrahydro-2H-pyran-2-ylheptadeca-5,7-dienoate from <i>Euclea crispa</i> (L.) Inhibits Ovarian Cancer Cell Growth by Controlling Apoptotic and Metastatic Signaling Mechanisms. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-12.	4.1	2
78	Cirsilineol inhibits cell growth and induces apoptosis in glioma C6 cells via inhibiting MAPK and PI3K/Akt/mTOR signaling pathways. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	2
79	Targeting cancer associated fibroblasts – A TGF- $\beta$ 2 based immunotherapy for head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2022, 130, 105899.	1.5	2
80	Identification of aspirin and diclofenac binding proteins in the red complex pathogens. <i>Bioinformation</i> , 2021, 17, 192-199.	0.5	1
81	Structure-Based Virtual Screening of Benzaldehyde Thiosemicarbazone Derivatives against DNA Gyrase B of <i>Mycobacterium tuberculosis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	1
82	Knowledge, attitudes on falls and awareness of hospitalized patient's fall risk factors among the nurses working in Tertiary Care Hospitals. <i>AIMS Medical Science</i> , 2022, 9, 304-321.	0.4	1
83	Molecular docking data of E3 ubiquitin-protein ligase WWP1 with compounds from a medicinal plant <i>Justicia adhatoda</i> L.. <i>Bioinformation</i> , 2021, 17, 162-166.	0.5	0
84	In silico and in vitro Study on the Inhibition of FtsZ Protein of <i>Staphylococcus aureus</i> by Active Compounds from <i>Andrographis paniculata</i> . <i>Journal of Biologically Active Products From Nature</i> , 2021, 11, 116-128.	0.3	0
85	Identification of protein targets in red complex organisms binding with resveratrol. <i>Bioinformation</i> , 2020, 16, 837-842.	0.5	0
86	Rubusoside relieves lipopolysaccharide-induced acute lung injury via modulating inflammatory responses: in vitro and in vivo studies. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	0
87	A Computational approach to screen, predict and annotate human and chimpanzee PHEX intronic miRNAs, their gene targets, and regulatory interaction networks. <i>Computational Biology and Chemistry</i> , 2022, 98, 107673.	2.3	0
88	Assessment of Psychological Stress Associated with COVID-19 Lockdown in the Urban Adult Population of India. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 2063-2072.	0.5	0
89	Cerenkov luminescence imaging: A future nuclear imaging modality of head and neck oncology patients in low-income countries?. <i>Oral Oncology</i> , 2022, 130, 105923.	1.5	0