

# Raghu Chandrashekar Hariharapura

## List of Publications by Year in descending order

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37  
papers

551  
citations

759055

12  
h-index

677027

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of copper nanoparticles using copper-resistant <i>Bacillus cereus</i> , a soil isolate. <i>Process Biochemistry</i> , 2016, 51, 1348-1356.	1.8	69
2	Production and characterization of bacterial polyhydroxyalkanoate copolymers and evaluation of their blends by fourier transform infrared spectroscopy and scanning electron microscopy. <i>Indian Journal of Microbiology</i> , 2009, 49, 251-258.	1.5	58
3	Isolation of polyhydroxyalkanoate from hydrolyzed cells of <i>Bacillus flexus</i> using aqueous two-phase system containing polyethylene glycol and phosphate. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 482-489.	1.4	42
4	The Cytotoxic Activity of the Total Alkaloids Isolated from Different Parts of <i>Solanum pseudocapsicum</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 528-530.	0.6	35
5	Improvement of therapeutic efficacy of PLGA nanoformulation of siRNA targeting anti-apoptotic Bcl-2 through chitosan coating. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 611-618.	1.9	35
6	Antitumor Activity of the Methanol Extract of <i>Hypericum hookerianum</i> Stem Against Ehrlich Ascites Carcinoma in Swiss Albino Mice. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 354-359.	1.1	30
7	In vitro and in vivo hepatoprotective effects of the total alkaloid fraction of <i>Hygrophila auriculata</i> leaves. <i>Indian Journal of Pharmacology</i> , 2010, 42, 98.	0.4	28
8	A nanoformulation of siRNA and its role in cancer therapy: In vitro and in vivo evaluation. <i>Cellular and Molecular Biology Letters</i> , 2013, 18, 120-36.	2.7	25
9	Improvement of the Production and Characterisation of Polyhydroxyalkanoate by <i>Bacillus endophyticus</i> Using Inexpensive Carbon Feedstock. <i>Journal of Polymers and the Environment</i> , 2019, 27, 917-928.	2.4	25
10	Extractability of polyhydroxyalkanoate synthesized by <i>Bacillus flexus</i> cultivated in organic and inorganic nutrient media. <i>Indian Journal of Microbiology</i> , 2010, 50, 63-69.	1.5	18
11	Statistical Optimization for Coproduction of Chitinase and Beta 1, 4-Endoglucanase by Chitinolytic <i>Paenibacillus elgii</i> PB1 Having Antifungal Activity. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 135-150.	1.4	15
12	Melittin, a honeybee venom derived peptide for the treatment of chemotherapy-induced peripheral neuropathy. <i>Medical Oncology</i> , 2021, 38, 52.	1.2	15
13	Dissolved oxygen as a propulsive parameter for polyhydroxyalkanoate production using <i>Bacillus endophyticus</i> cultures. <i>Environment, Development and Sustainability</i> , 2022, 24, 4641-4658.	2.7	13
14	Synthesis of 3-indolylmethyl substituted (pyrazolo/benzo)triazinone derivatives under Pd/Cu-catalysis: Identification of potent inhibitors of chorismate mutase (CM). <i>Bioorganic Chemistry</i> , 2019, 91, 103155.	2.0	11
15	Role of UHRF1 in malignancy and its function as a therapeutic target for molecular docking towards the SRA domain. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105558.	1.2	11
16	Strategies for improving the specificity of siRNAs for enhanced therapeutic potential. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 709-725.	2.5	10
17	Is viral E6 oncoprotein a viable target? A critical analysis in the context of cervical cancer. <i>Medicinal Research Reviews</i> , 2020, 40, 2019-2048.	5.0	10
18	Profiling of lens protease involved in generation of $\lambda$ A-66-80 crystallin peptide using an internally quenched protease substrate. <i>Experimental Eye Research</i> , 2013, 109, 51-59.	1.2	9

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19	Nanoformulation of siRNA silencing Bcl-2 gene and its implication in cancer therapy. <i>Arzneimittelforschung</i> , 2011, 61, 577-586.	0.5	7
20	Propargylamine (secondary) as a building block in indole synthesis involving ultrasound assisted Pd/Cu-catalyzed coupling-cyclization method: Unexpected formation of (pyrazole)imine derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 4587-4592.	0.7	7
21	siRNA intervention inhibiting viral replication and delivery strategies for treating herpes simplex viral infection. <i>VirusDisease</i> , 2019, 30, 180-185.	1.0	7
22	Statistical optimisation of polyhydroxyalkanoate production in <i>Bacillus endophyticus</i> using sucrose as sole source of carbon. <i>Archives of Microbiology</i> , 2021, 203, 5993-6005.	1.0	7
23	A set of simple methods for detection and extraction of laminarinase. <i>Scientific Reports</i> , 2021, 11, 2489.	1.6	7
24	Investigation of the Antioxidant and Hepatoprotective Potential of <i>Hypericum mysorens</i> . <i>Antioxidants</i> , 2014, 3, 526-543.	2.2	6
25	Exploring the potential of marine microbes in clinical management of Alzheimer's disease: A road map for bioprospecting and identifying promising isolates. <i>Life Sciences</i> , 2018, 208, 149-160.	2.0	6
26	Novel isatin-indole derivatives as potential inhibitors of chorismate mutase (CM): their synthesis along with unexpected formation of 2-indolylmethylamino benzoate ester under Pd-Cu catalysis. <i>RSC Advances</i> , 2020, 10, 289-297.	1.7	6
27	Stimuli-responsive and cellular targeted nanoplatfoms for multimodal therapy of skin cancer. <i>European Journal of Pharmacology</i> , 2021, 890, 173633.	1.7	6
28	Steering of $\hat{I}^2$ oxidation intermediates to polyhydroxyalkanoate copolymer biosynthesis by fatty acids and inhibitors using Taguchi design. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 2853-2864.	1.8	5
29	Phytotherapeutics against Alzheimer's Disease: Mechanism, Molecular Targets and Challenges for Drug Development. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 409-426.	0.8	5
30	Interplay between stress and immunity triggers herpes zoster infection in COVID-19 patients: a review. <i>Canadian Journal of Microbiology</i> , 2022, 68, 303-314.	0.8	5
31	In vitro wound-healing effects of biosynthesized copper nanoparticles. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 158-159.	4.3	4
32	Anti-Inflammatory Activity of Human Lens Crystallin Derived Peptide. <i>Current Drug Delivery</i> , 2021, 18, 1330-1337.	0.8	4
33	Survivin Inhibition by Piperine Sensitizes Glioblastoma Cancer Stem Cells and Leads to Better Drug Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7604.	1.8	4
34	Serum-derived IgG from coxsackievirus A6-infected patients can enhance the infection of peripheral blood mononuclear cells with coxsackievirus A6. <i>Microbial Pathogenesis</i> , 2018, 125, 7-11.	1.3	3
35	Marine Microbial Metabolites as Drug Candidates for Alzheimer's Disease. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 6081.	0.2	2
36	Propargylamines in Pd/Cu-catalyzed tandem coupling-cyclization-N-deprotection in a single pot: Construction of N-unsubstituted vs N-sulfonyl indole ring. <i>Tetrahedron Letters</i> , 2021, 77, 153213.	0.7	1

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37	Involvement of Terminase Complex in Herpes Simplex Virus Mature Virion Egress. Current Protein and Peptide Science, 2022, 23, .	0.7	0