

# Sameer S Bhagyawant

## List of Publications by Year in descending order

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44  
papers

542  
citations

759233

12  
h-index

752698

20  
g-index

46  
all docs

46  
docs citations

46  
times ranked

622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Prednisolone Derivative and Panaxydol: Biosurfactants on Cell Wall Integrity of Acne-Causing Resistant Bacteria. <i>Cell Biochemistry and Biophysics</i> , 2022, 80, 229-243.	1.8	2
2	Natural Biosurfactant as Antimicrobial Agent: Strategy to Action Against Fungal and Bacterial Activities. <i>Cell Biochemistry and Biophysics</i> , 2022, 80, 245-259.	1.8	6
3	Moth bean ( <i>Vigna aconitifolia</i> (Jacq.) Marechal) seeds: A review on nutritional properties and health benefits. , 2022, 2, .		10
4	Bioactive peptide of <i>Cicer arietinum</i> L. induces apoptosis in human endometrial cancer via DNA fragmentation and cell cycle arrest. <i>3 Biotech</i> , 2021, 11, 63.	2.2	9
5	Plant growth promoting bacteria induce anti-quorum-sensing substances in chickpea legume seedling bioassay. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 1577-1595.	3.1	6
6	A prospective of underutilized legume moth bean ( <i>Vigna aconitifolia</i> (Jacq.) Marechal): Phytochemical profiling, bioactive compounds and in vitro pharmacological studies. <i>Food Bioscience</i> , 2021, 42, 101088.	4.4	17
7	<i>Bacillus calmette-guerin</i> as a quick and temporary solution to coronavirus disease-2019. <i>International Journal of Mycobacteriology</i> , 2021, 10, 105-110.	0.6	1
8	SEM Studies of Saponin Silver Nanoparticles Isolated From Leaves of <i>Chenopodium album</i> L. for In Vitro Anti-acne Activity. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 333-341.	1.0	9
9	Vector derived artificial miRNA mediated inhibition of West Nile virus replication and protein expression. <i>Gene</i> , 2020, 729, 144300.	2.2	9
10	ISSR-PCR approach as a means of studying genetic variation in moth bean ( <i>Vigna aconitifolia</i> (Jacq.)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	14
11	Development of a Rapid and Sensitive Colorimetric Loop-Mediated Isothermal Amplification Assay: A Novel Technology for the Detection of <i>Coxiella burnetii</i> From Minimally Processed Clinical Samples. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 127.	3.9	11
12	Putative serum protein biomarkers for epsilon toxin exposure in mouse model using LC-MS/MS analysis. <i>Anaerobe</i> , 2020, 63, 102209.	2.1	3
13	Phosphatase-defective DevS sensor kinase mutants permit constitutive expression of DevR-regulated dormancy genes in <i>Mycobacterium tuberculosis</i> . <i>Biochemical Journal</i> , 2020, 477, 1669-1682.	3.7	5
14	Synthesis and Antibacterial Screening of Some Pyrazole Derivatives Catalyzed by Cetyltrimethylammoniumbromide (CTAB). <i>Current Organic Synthesis</i> , 2020, 18, 225-231.	1.3	1
15	Anticancer Activity of Lectins from <i>Bauhinia purpurea</i> and <i>Wisteria floribunda</i> on Breast Cancer MCF-7 Cell Lines. <i>Protein and Peptide Letters</i> , 2020, 27, 870-877.	0.9	9
16	Enzymatic treatment improves ACE-I inhibition and antiproliferative potential of chickpea. <i>Vegetos</i> , 2019, 32, 363-369.	1.5	12
17	Temperature mediated extraction of oil from safflower seeds: modelling and optimization of extraction parameters by response surface methodology approach. <i>Vegetos</i> , 2019, 32, 540-546.	1.5	1
18	Multivariate biochemical characterization of rice bean ( <i>Vigna umbellata</i> ) seeds for nutritional enhancement. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101193.	3.1	13

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19	Elucidation of protein biomarkers in plasma and urine for epsilon toxin exposure in mouse model. <i>Anaerobe</i> , 2019, 59, 76-91.	2.1	3
20	Variations in the antioxidant and free radical scavenging under induced heavy metal stress expressed as proline content in chickpea. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 683-696.	3.1	35
21	Proteomic analysis of chickpea roots reveal differential expression of abscisic acid responsive proteins. <i>Journal of Food Biochemistry</i> , 2019, 43, e12838.	2.9	4
22	Biochemical characterisation of lectin from wild chickpea ( <i>Cicer reticulatum</i> L.) with potential inhibitory action against human cancer cells. <i>Journal of Food Biochemistry</i> , 2019, 43, e12712.	2.9	10
23	Characterization of Pyrrolidine Alkaloids of <i>Epipremnum aureum</i> for Their Antitermite Activity Against Subterranean Termites with SEM Studies. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 53-62.	1.0	2
24	Chickpea ( <i>Cicer arietinum</i> L.) Lectin Exhibit Inhibition of ACE-I, $\alpha$ -amylase and $\alpha$ -glucosidase Activity. <i>Protein and Peptide Letters</i> , 2019, 26, 494-501.	0.9	29
25	High level expression and immunochemical characterization of botulinum neurotoxin type F light chain. <i>Protein Expression and Purification</i> , 2018, 146, 51-60.	1.3	7
26	Cloning, expression and purification of virB10 protein of <i>Brucella melitensis</i> and evaluation of its role as a serological marker for <i>Brucella</i> infection in experimental and natural host. <i>Protein Expression and Purification</i> , 2018, 145, 53-58.	1.3	5
27	Characterization of chickpea ( <i>Cicer arietinum</i> L.) lectin for biological activity. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 389-397.	3.1	36
28	Current Scenario of Legume Lectins and Their Practical Applications. <i>Journal of Crop Science and Biotechnology</i> , 2018, 21, 217-227.	1.5	17
29	Impact of phytic acid on nutrient bioaccessibility and antioxidant properties of chickpea genotypes. <i>Journal of Food Biochemistry</i> , 2018, 42, e12678.	2.9	15
30	Biochemical and functional properties of a lectin purified from the seeds of <i>Cicer arietinum</i> L.. <i>3 Biotech</i> , 2018, 8, 272.	2.2	8
31	Biochemical diversity evaluation in chickpea accessions employing mini-core collection. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 1165-1183.	3.1	15
32	Antioxidant responses and isoenzyme activity of hydroponically grown safflower seedlings under copper stress. <i>Indian Journal of Plant Physiology</i> , 2018, 23, 342-351.	0.8	3
33	Development of nsP2 protease based cell free high throughput screening assay for evaluation of inhibitors against emerging Chikungunya virus. <i>Scientific Reports</i> , 2018, 8, 10831.	3.3	21
34	Vicilin – A major storage protein of mungbean exhibits antioxidative potential, antiproliferative effects and ACE inhibitory activity. <i>PLoS ONE</i> , 2018, 13, e0191265.	2.5	48
35	Chickpea Lectin Inhibits Human Breast Cancer Cell Proliferation and Induces Apoptosis Through Cell Cycle Arrest. <i>Protein and Peptide Letters</i> , 2018, 25, 492-499.	0.9	22
36	Inhibition of West Nile virus Replication by Bifunctional siRNA Targeting the NS2A and NS5 Conserved Region. <i>Current Gene Therapy</i> , 2018, 18, 180-190.	2.0	6

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37	Association of Nitric Oxide Synthase2 gene polymorphisms with leprosy reactions in northern Indian population. <i>Infection, Genetics and Evolution</i> , 2017, 51, 67-73.	2.3	2
38	Multivariate Analysis Based on Nutritional Value, Antinutritional Profile and Antioxidant Capacity of Forty Chickpea Genotypes Grown in India. <i>Journal of Nutrition &amp; Food Sciences</i> , 2017, 07, .	1.0	9
39	Phytochemical Evaluation of Moth Bean ( <i>Vigna aconitifolia</i> ) Seeds and Their Divergence. <i>Biochemistry Research International</i> , 2016, 2016, 1-6.	3.3	21
40	Characterization of Seed Storage Proteins from Chickpea Using 2D Electrophoresis Coupled with Mass Spectrometry. <i>Biochemistry Research International</i> , 2016, 2016, 1-6.	3.3	10
41	Vector-delivered artificial miRNA effectively inhibited replication of Chikungunya virus. <i>Antiviral Research</i> , 2016, 134, 42-49.	4.1	30
42	Diversity of Cultivable Midgut Microbiota at Different Stages of the Asian Tiger Mosquito, <i>Aedes albopictus</i> from Tezpur, India. <i>PLoS ONE</i> , 2016, 11, e0167409.	2.5	35
43	Analysis of Genetic Diversity among Wild and Cultivated Chickpea Genotypes Employing ISSR and RAPD Markers. <i>American Journal of Plant Sciences</i> , 2014, 05, 676-682.	0.8	8
44	Antinutritional and Protein Based Profiling of Diverse Desi and Wild Chickpea Accessions. <i>Current Journal of Applied Science and Technology</i> , 0, , 7-18.	0.3	1