Sameer S Bhagyawant

List of Publications by Year
in descending order

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		759233	752698
44	542	12	20
papers	citations	h-index	g-index

46	46	46	622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vicilinâ€"A major storage protein of mungbean exhibits antioxidative potential, antiproliferative effects and ACE inhibitory activity. PLoS ONE, 2018, 13, e0191265.	2.5	48
2	Characterization of chickpea (Cicer arietinum L.) lectin for biological activity. Physiology and Molecular Biology of Plants, 2018, 24, 389-397.	3.1	36
3	Variations in the antioxidant and free radical scavenging under induced heavy metal stress expressed as proline content in chickpea. Physiology and Molecular Biology of Plants, 2019, 25, 683-696.	3.1	35
4	Diversity of Cultivable Midgut Microbiota at Different Stages of the Asian Tiger Mosquito, Aedes albopictus from Tezpur, India. PLoS ONE, 2016, 11, e0167409.	2.5	35
5	Vector-delivered artificial miRNA effectively inhibited replication of Chikungunya virus. Antiviral Research, 2016, 134, 42-49.	4.1	30
6	Chickpea (Cicer arietinum L.) Lectin Exhibit Inhibition of ACE-I, Î±-amylase and Î±-glucosidase Activity. Protein and Peptide Letters, 2019, 26, 494-501.	0.9	29
7	Chickpea Lectin Inhibits Human Breast Cancer Cell Proliferation and Induces Apoptosis Through Cell Cycle Arrest. Protein and Peptide Letters, 2018, 25, 492-499.	0.9	22
8	Phytochemical Evaluation of Moth Bean (Vigna aconitifoliaL.) Seeds and Their Divergence. Biochemistry Research International, 2016, 2016, 1-6.	3.3	21
9	Development of nsP2 protease based cell free high throughput screening assay for evaluation of inhibitors against emerging Chikungunya virus. Scientific Reports, 2018, 8, 10831.	3.3	21
10	Current Scenario of Legume Lectins and Their Practical Applications. Journal of Crop Science and Biotechnology, 2018, 21, 217-227.	1.5	17
11	A prospective of underutilized legume moth bean (Vigna aconitifolia (Jacq.) MarechÃl): Phytochemical profiling, bioactive compounds and in vitro pharmacological studies. Food Bioscience, 2021, 42, 101088.	4.4	17
12	Impact of phytic acid on nutrient bioaccessibility and antioxidant properties of chickpea genotypes. Journal of Food Biochemistry, 2018, 42, e12678.	2.9	15
13	Biochemical diversity evaluation in chickpea accessions employing mini-core collection. Physiology and Molecular Biology of Plants, 2018, 24, 1165-1183.	3.1	15
14	ISSR-PCR approach as a means of studying genetic variation in moth bean (Vigna aconitifolia (Jacq.)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	14
15	Multivariate biochemical characterization of rice bean (Vigna umbellata) seeds for nutritional enhancement. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101193.	3.1	13
16	Enzymatic treatment improves ACE-I inhibiton and antiproliferative potential of chickpea. Vegetos, 2019, 32, 363-369.	1.5	12
17	Development of a Rapid and Sensitive Colorimetric Loop-Mediated Isothermal Amplification Assay: A Novel Technology for the Detection of Coxiella burnetii From Minimally Processed Clinical Samples. Frontiers in Cellular and Infection Microbiology, 2020, 10, 127.	3.9	11
18	Characterization of Seed Storage Proteins from Chickpea Using 2D Electrophoresis Coupled with Mass Spectrometry. Biochemistry Research International, 2016, 2016, 1-6.	3.3	10

#	Article	IF	Citations
19	Biochemical characterisation of lectin from wild chickpea (Cicer reticulatumL.) with potential inhibitory action against human cancer cells. Journal of Food Biochemistry, 2019, 43, e12712.	2.9	10
20	Moth bean (Vigna aconitifolia (Jacq.) Marechal) seeds: A review on nutritional properties and health benefits. , 2022, 2, .		10
21	Multivariate Analysis Based on Nutritional Value, Antinutritional Profile and Antioxidant Capacity of Forty Chickpea Genotypes Grown in India. Journal of Nutrition & Food Sciences, 2017, 07, .	1.0	9
22	SEM Studies of Saponin Silver Nanoparticles Isolated From Leaves of Chenopodium album L. for In Vitro Anti-acne Activity. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 333-341.	1.0	9
23	Vector derived artificial miRNA mediated inhibition of West Nile virus replication and protein expression. Gene, 2020, 729, 144300.	2.2	9
24	Bioactive peptide of Cicer arietinum L. induces apoptosis in human endometrial cancer via DNA fragmentation and cell cycle arrest. 3 Biotech, 2021, 11, 63.	2.2	9
25	Anticancer Activity of Lectins from Bauhinia purpurea and Wisteria floribunda on Breast Cancer MCF-7 Cell Lines. Protein and Peptide Letters, 2020, 27, 870-877.	0.9	9
26	Biochemical and functional properties of a lectin purified from the seeds of Cicer arietinum L.. 3 Biotech, 2018, 8, 272.	2.2	8
27	Analysis of Genetic Diversity among Wild and Cultivated Chickpea Genotypes Employing ISSR and RAPD Markers. American Journal of Plant Sciences, 2014, 05, 676-682.	0.8	8
28	High level expression and immunochemical characterization of botulinum neurotoxin type F light chain. Protein Expression and Purification, 2018, 146, 51-60.	1.3	7
29	Plant growth promoting bacteria induce anti-quorum-sensing substances in chickpea legume seedling bioassay. Physiology and Molecular Biology of Plants, 2021, 27, 1577-1595.	3.1	6
30	Inhibition of West Nile virus Replication by Bifunctional siRNA Targeting the NS2A and NS5 Conserved Region. Current Gene Therapy, 2018, 18, 180-190.	2.0	6
31	Natural Biosurfactant as Antimicrobial Agent: Strategy to Action Against Fungal and Bacterial Activities. Cell Biochemistry and Biophysics, 2022, 80, 245-259.	1.8	6
32	Cloning, expression and purification of virB10 protein of Brucella melitensis and evaluation of its role as a serological marker for Brucella infection in experimental and natural host. Protein Expression and Purification, 2018, 145, 53-58.	1.3	5
33	Phosphatase-defective DevS sensor kinase mutants permit constitutive expression of DevR-regulated dormancy genes in Mycobacterium tuberculosis. Biochemical Journal, 2020, 477, 1669-1682.	3.7	5
34	Proteomic analysis of chickpea roots reveal differential expression of abscisic acid responsive proteins. Journal of Food Biochemistry, 2019, 43, e12838.	2.9	4
35	Antioxidant responses and isoenzyme activity of hydroponically grown safflower seedlings under copper stress. Indian Journal of Plant Physiology, 2018, 23, 342-351.	0.8	3
36	Elucidation of protein biomarkers in plasma and urine for epsilon toxin exposure in mouse model. Anaerobe, 2019, 59, 76-91.	2.1	3

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37	Putative serum protein biomarkers for epsilon toxin exposure in mouse model using LC-MS/MS analysis. Anaerobe, 2020, 63, 102209.	2.1	3
38	Association of Nitric Oxide Synthase2 gene polymorphisms with leprosy reactions in northern Indian population. Infection, Genetics and Evolution, 2017, 51, 67-73.	2.3	2
39	Characterization of Pyrrolidine Alkaloids of Epipremnum aureum for Their Antitermite Activity Against Subterranean Termites with SEM Studies. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 53-62.	1.0	2
40	Effects of Prednisolone Derivative and Panaxydol: Biosurfactants on Cell Wall Integrity of Acne-Causing Resistant Bacteria. Cell Biochemistry and Biophysics, 2022, 80, 229-243.	1.8	2
41	Temperature mediated extraction of oil from safflower seeds: modelling and optimization of extraction parameters by response surface methodology approach. Vegetos, 2019, 32, 540-546.	1.5	1
42	Antinutritional and Protein Based Profiling of Diverse Desi and Wild Chickpea Accessions. Current Journal of Applied Science and Technology, 0, , 7-18.	0.3	1
43	Synthesis and Antibacterial Screening of Some Pyrazole Derivatives Catalyzed by Cetyltrimethylammoniumbromide (CTAB). Current Organic Synthesis, 2020, 18, 225-231.	1.3	1
44	Bacillus calmette-guerin as a quick and temporary solution to coronavirus disease-2019. International Journal of Mycobacteriology, 2021, 10, 105-110.	0.6	1