

Jagtar Singh

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

554
citations

933447

10
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomics: Concept, methodology, ecological inference and recent advances. <i>Biotechnology Journal</i> , 2009, 4, 480-494.	3.5	116
2	Purification and characterisation of alkaline cellulase produced by a novel isolate, <i>Bacillus sphaericus</i> JS1. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004, 31, 51-56.	3.0	85
3	Association of NAT2, GST and CYP2E1 polymorphisms and anti-tuberculosis drug-induced hepatotoxicity. <i>Tuberculosis</i> , 2014, 94, 293-298.	1.9	62
4	Microbial production and biotechnological applications of β -galactosidase. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 1294-1313.	7.5	59
5	Production and characterization of a thermostable β -galactosidase from <i>Bacillus coagulans</i> RCS3. <i>Biotechnology and Applied Biochemistry</i> , 2002, 36, 1.	3.1	51
6	Integrative analysis of hexaploid wheat roots identifies signature components during iron starvation. <i>Journal of Experimental Botany</i> , 2019, 70, 6141-6161.	4.8	48
7	Role of Microglia and Astrocytes in Spinal Cord Injury Induced Neuropathic Pain. <i>Annals of Neurosciences</i> , 2021, 28, 219-228.	1.7	15
8	High risk association of IL-4 VNTR polymorphism with asthma in a North Indian population. <i>Cytokine</i> , 2014, 66, 87-94.	3.2	14
9	A novel study to examine the association of PCSK9 rs505151 polymorphism and coronary artery disease in north Indian population. <i>Journal of Genetics</i> , 2018, 97, 1371-1378.	0.7	13
10	Association of the Wild-Type A/A Genotype of MBL2 Codon 54 with Asthma in a North Indian Population. <i>Disease Markers</i> , 2012, 32, 301-308.	1.3	10
11	Antiproliferative potential of a novel parthenin analog P16 as evident by apoptosis accompanied by down-regulation of PI3K/AKT and ERK pathways in human acute lymphoblastic leukemia MOLT-4 cells. <i>Chemico-Biological Interactions</i> , 2014, 222, 60-67.	4.0	8
12	Association of IL-8-251 A/T rs4073 and IL-10 rs1800872 -592C/A Polymorphisms and Coronary Artery Disease in North Indian Population. <i>Biochemical Genetics</i> , 2019, 57, 129-146.	1.7	8
13	Physiological and molecular responses to combinatorial iron and phosphate deficiencies in hexaploid wheat seedlings. <i>Genomics</i> , 2021, 113, 3935-3950.	2.9	8
14	Highly Protective Association of MMP-2-1306C/T Promoter Polymorphism With Asthma in a North Indian Population: A Pilot Study. <i>Allergy, Asthma and Immunology Research</i> , 2014, 6, 234.	2.9	7
15	High risk association of IL-1 receptor antagonist (IL-1RN) VNTR polymorphism with asthma in a North Indian population: A pilot study. <i>Cytokine</i> , 2013, 62, 389-394.	3.2	6
16	Biochemical characterization of <i>Santalum album</i> (Chandan) leaf peroxidase. <i>Physiology and Molecular Biology of Plants</i> , 2011, 17, 153-159.	3.1	5
17	Synthesis of Poly(ϵ -caprolactone) Microreactors from Freeze-Dried Microspheres. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 1275-1281.	1.9	5
18	Protective Association of TIM1 ^{rs1454G} Polymorphism with Asthma in a North Indian Population. <i>Lung</i> , 2015, 193, 31-38.	3.3	5

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19	Interaction between <i>ALOX15</i> polymorphisms and coronary artery disease in North Indian population. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 398-405.	1.3	5
20	ANRIL rs1333049 C/G polymorphism and coronary artery disease in a North Indian population - Gender and age specific associations. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190024.	1.3	5
21	Applications of β -gal-III isozyme from <i>Bacillus coagulans</i> RCS3, in lactose hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 879-884.	7.5	4
22	Association of IL13R Alpha 1 + 1398A/G Polymorphism in a North Indian Population with Asthma: A Case-Control Study. <i>Allergy and Rhinology</i> , 2015, 6, ar.2015.6.0126.	1.6	3
23	Encapsulation and Release of Doxorubicin from Plasticizer-Transformed Poly(β -Caprolactone) Microcapsules. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1110-1120.	1.9	3
24	Multiple Pharmacological Properties of a Novel Parthenin Analog P16 as Evident by its Cytostatic and Antiangiogenic Potential Against Pancreatic Adenocarcinoma PANC -1 Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 771-780.	1.7	3
25	No Association of PTGDR ^{rs441C} /TPolymorphism with Asthma in a North Indian Population. <i>Disease Markers</i> , 2011, 31, 353-359.	1.3	2
26	Immobilization of Quantum Dots Encapsulated Polystyrene Microcapsules for Multianalyte Sensing. <i>Advanced Science Letters</i> , 2012, 17, 49-55.	0.2	2
27	Metagenomic Research: Methods and Ecological Applications. , 2013, , 1-11.		1
28	Plasticizers Induced Formation of Microcapsules From Freeze Dried Polystyrene Microreactors. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 385-391.	3.4	1
29	Partial purification and characterization of peroxidases from the leaves of <i>Sapindus mukorossi</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 11-16.	1.7	0
30	Effect of Retinal Injury Induced by Laser Photocoagulation on Visuospatial Memory in Mouse Model. <i>Journal of Neurosciences in Rural Practice</i> , 2021, 12, 586-591.	0.8	0
31	Production, purification, characterization, and applications of β -galactosidase from <i>Bacillus flexus</i> JS27 isolated from Manikaran hot springs. <i>Preparative Biochemistry and Biotechnology</i> , 2023, 53, 366-383.	1.9	0