

# Purushottam R Lomate

## List of Publications by Year in descending order

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22  
papers

420  
citations

758635

12  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Transcriptomic and Proteomic Analyses Suggest the Participation of Endogenous Protease Inhibitors in the Regulation of Protease Gene Expression in <i>Helicoverpa armigera</i> . <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1324-1336.	2.5	14
2	Proteases and nucleases involved in the biphasic digestion process of the brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21459.	0.6	19
3	Tissue-specific transcription of proteases and nucleases across the accessory salivary gland, principal salivary gland and gut of <i>Nezara viridula</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 103, 36-45.	1.2	25
4	Distinct properties of proteases and nucleases in the gut, salivary gland and saliva of southern green stink bug, <i>Nezara viridula</i> . <i>Scientific Reports</i> , 2016, 6, 27587.	1.6	64
5	Ecological turmoil in evolutionary dynamics of plant–insect interactions: defense to offence. <i>Planta</i> , 2015, 242, 761-771.	1.6	24
6	Structural features of diverse Pin-II proteinase inhibitor genes from <i>Capsicum annuum</i> . <i>Planta</i> , 2015, 241, 319-331.	1.6	5
7	Identification and expression profiling of <i>Helicoverpa armigera</i> microRNAs and their possible role in the regulation of digestive protease genes. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 54, 129-137.	1.2	30
8	Compensatory proteolytic responses to dietary proteinase inhibitors from <i>Albizia lebeck</i> seeds in the <i>Helicoverpa armigera</i> larvae. <i>Arthropod-Plant Interactions</i> , 2013, 7, 259-266.	0.5	16
9	Molecular Insights into Resistance Mechanisms of Lepidopteran Insect Pests against Toxicants. <i>Journal of Proteome Research</i> , 2013, 12, 4727-4737.	1.8	75
10	Effect of <i>Bacillus thuringiensis</i> (Bt) Cry1Ac toxin and protease inhibitor on growth and development of <i>Helicoverpa armigera</i> (H&A). <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 77-83.	1.6	12
11	Characterization of a chemostable serine alkaline protease from <i>Periplaneta americana</i> . <i>BMC Biochemistry</i> , 2013, 14, 32.	4.4	25
12	Angiotensin-Converting Enzyme Inhibitory Potential of Harmaline Isolated from <i>Peganum Harmala</i> L. Seeds. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2013, 19, 48-53.	0.5	3
13	Alterations in the <i>Helicoverpa armigera</i> Midgut Digestive Physiology after Ingestion of Pigeon Pea Inducible Leucine Aminopeptidase. <i>PLoS ONE</i> , 2013, 8, e74889.	1.1	12
14	A proteinaceous thermo labile $\alpha$ -amylase inhibitor from <i>Albizia lebeck</i> with inhibitory potential toward insect amylases. <i>Arthropod-Plant Interactions</i> , 2012, 6, 213-220.	0.5	5
15	Wound and methyl jasmonate induced pigeon pea defensive proteinase inhibitor has potency to inhibit insect digestive proteinases. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 193-199.	2.8	15
16	Changes and induction of aminopeptidase activities in response to pathogen infection during germination of pigeonpea ( <i>Cajanus cajan</i> ) seeds. <i>Journal of Plant Physiology</i> , 2011, 168, 1735-1742.	1.6	8
17	Induction of leucine aminopeptidase (LAP) like activity with wounding and methyl jasmonate in pigeonpea ( <i>Cajanus cajan</i> ) suggests the role of these enzymes in plant defense in leguminosae. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 609-616.	2.8	12
18	Differential responses of midgut soluble aminopeptidases of <i>Helicoverpa armigera</i> to feeding on various host and non-host plant diets. <i>Arthropod-Plant Interactions</i> , 2011, 5, 359-368.	0.5	22

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19	<i>Periplaneta americana</i> midgut proteases differentially expressed against dietary components from different plant seeds. <i>Physiological Entomology</i> , 2011, 36, 180-186.	0.6	9
20	Characterization and Applicability of Digestive Proteinases from Hepatopancreas of <i>Barytelphusa cunicularis</i> . <i>Food Biotechnology</i> , 2011, 25, 1-15.	0.6	2
21	Partial purification and characterization of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) active aminopeptidase secreted in midgut. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 164-170.	0.7	18
22	Superoxide dismutase activities in the midgut of <i>Helicoverpa armigera</i> larvae: identification and biochemical properties of a manganese superoxide dismutase. <i>Open Access Insect Physiology</i> , 0, , 13.	0.8	5