

Kishore Babu Bobbili

List of Publications by Year in descending order

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12
papers

266
citations

1163117

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docs citations

12
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Carbohydrate Recognition by the Nonmitogenic Lectin Horcolin. <i>Biochemistry</i> , 2022, 61, 464-478.	2.5	2
2	Cucurbitaceae phloem exudate lectins: Purification, molecular characterization and carbohydrate binding characteristics. <i>Phytochemistry</i> , 2022, 201, 113251.	2.9	4
3	DSC and FCS Studies Reveal the Mechanism of Thermal and Chemical Unfolding of CIA17, a Polydisperse Oligomeric Protein from <i>Coccinia Indica</i> . <i>Journal of Physical Chemistry B</i> , 2021, 125, 7117-7127.	2.6	5
4	Chitooligosaccharide binding to CIA17 (<i>Coccinia indica</i> agglutinin). Thermodynamic characterization and formation of higher order complexes. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 774-782.	7.5	7
5	Purification, chitooligosaccharide binding properties and thermal stability of CIA24, a new PP2-like phloem exudate lectin from ivy gourd (<i>Coccinia indica</i>). <i>International Journal of Biological Macromolecules</i> , 2018, 110, 588-597.	7.5	9
6	<i>Coccinia indica</i> agglutinin, a 17 kDa PP2 like phloem lectin: Affinity purification, primary structure and formation of self-assembled filaments. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 1227-1236.	7.5	14
7	Purification, physico-chemical characterization and thermodynamics of chitooligosaccharide binding to cucumber (<i>Cucumis sativus</i>) phloem lectin. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 910-919.	7.5	16
8	Inverse relationship between chitobiase and transglycosylation activities of chitinase-D from <i>Serratia proteamaculans</i> revealed by mutational and biophysical analyses. <i>Scientific Reports</i> , 2015, 5, 15657.	3.3	21
9	Mutational analysis of the pumpkin (<i>Cucurbita maxima</i>) phloem exudate lectin, PP2 reveals Ser-104 is crucial for carbohydrate binding. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 622-627.	2.1	11
10	Structure of Chitosan Determines Its Interactions with Mucin. <i>Biomacromolecules</i> , 2014, 15, 3550-3558.	5.4	134
11	The sequence and structure of snake gourd (<i>Trichosanthes anguina</i>) seed lectin, a three-chain nontoxic homologue of type II RIPs. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1493-1503.	2.5	16
12	Differential scanning calorimetric and spectroscopic studies on the unfolding of <i>Momordica charantia</i> lectin. Similar modes of thermal and chemical denaturation. <i>Biochimie</i> , 2010, 92, 58-64.	2.6	27