

Swati Gupta Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

330
citations

840585

11
h-index

887953

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26
all docs

26
docs citations

26
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiating Wild and Apiary Honey by Elemental Profiling: a Case Study from Mangroves of Indian Sundarban. <i>Biological Trace Element Research</i> , 2022, 200, 4550-4569.	1.9	3
2	Allergenicity assessment of <i>Delonix regia</i> pollen grain and identification of allergens by immunoproteomic approach. <i>Heliyon</i> , 2021, 7, e06014.	1.4	2
3	Cloning, expression and immunological characterisation of Coc n 1, the first major allergen from Coconut pollen. <i>Molecular Immunology</i> , 2021, 131, 33-43.	1.0	2
4	Identifying novel allergens from a common indoor mould <i>Aspergillus ochraceus</i> . <i>Journal of Proteomics</i> , 2021, 238, 104156.	1.2	3
5	Biocontrol and plant growth promoting potential of <i>Trichoderma yunnanense</i> . <i>Vegetos</i> , 2021, 34, 928-936.	0.8	3
6	Cloning and immunobiochemical analyses on recombinant chymopapain allergen Carip 2 showing pollen-fruit cross-reaction. <i>Molecular Immunology</i> , 2021, 137, 42-51.	1.0	5
7	Allergenicity assessment of fungal species using immunoclinical and proteomic techniques: a study on <i>Fusarium lateritium</i> . <i>International Journal of Environmental Health Research</i> , 2020, 30, 545-557.	1.3	1
8	Identification, cloning, and immunological studies on a major eggplant (<i>Solanum melongena</i> L.) allergen Sola m 1: A new member of profilin allergen family. <i>Molecular Immunology</i> , 2020, 118, 210-221.	1.0	9
9	Purification and biochemical characterization of Hel a 6, a cross-reactive pectate lyase allergen from Sunflower (<i>Helianthus annuus</i> L.) pollen. <i>Scientific Reports</i> , 2020, 10, 20177.	1.6	8
10	Airborne fungal spore concentration in an industrial township: distribution and relation with meteorological parameters. <i>Aerobiologia</i> , 2020, 36, 575-587.	0.7	9
11	Identification and biochemical characterization of Asp t 36, a new fungal allergen from <i>Aspergillus terreus</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 17852-17864.	1.6	5
12	Fungal bio-aerosol in multiple micro-environments from eastern India: source, distribution, and health hazards. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	8
13	Molecular characterization of a fungal cyclophilin allergen Rhi o 2 and elucidation of antigenic determinants responsible for IgE cross-reactivity. <i>Journal of Biological Chemistry</i> , 2020, 295, 2736-2748.	1.6	10
14	<p>Pilot-Scale Study Of Human Plasma Proteomics Identifies ApoE And IL33 As Markers In Atopic Asthma</p>. <i>Journal of Asthma and Allergy</i> , 2019, Volume 12, 273-283.	1.5	14
15	Aerial fungal spectrum of Kolkata, India, along with their allergenic impact on the public health: a quantitative and qualitative evaluation. <i>Aerobiologia</i> , 2019, 35, 15-25.	0.7	15
16	Spectrum of Allergens and Allergen Biology in India. <i>International Archives of Allergy and Immunology</i> , 2018, 177, 219-237.	0.9	37
17	Charting novel allergens from date palm pollen (<i>Phoenix sylvestris</i>) using homology driven proteomics. <i>Journal of Proteomics</i> , 2017, 165, 1-10.	1.2	18
18	Clinical and immuno-proteomic approach on <i>Lantana camara</i> pollen "a major health hazard. <i>Allergy, Asthma and Clinical Immunology</i> , 2016, 12, 33.	0.9	12

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19	Mass spectrometry-based identification of allergens from <i>Curvularia pallescens</i> , a prevalent aerospore in India. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 869-879.	1.1	16
20	Data on mass spectrometry based identification of allergens from sunflower (<i>Helianthus annuus</i> L.) pollen proteome. <i>Data in Brief</i> , 2016, 7, 735-739.	0.5	7
21	Epitope Mapping of Rhi o 1 and Generation of a Hypoallergenic Variant. <i>Journal of Biological Chemistry</i> , 2016, 291, 18016-18029.	1.6	27
22	Purification, Cloning and Immuno-Biochemical Characterization of a Fungal Aspartic Protease Allergen Rhi o 1 from the Airborne Mold <i>Rhizopus oryzae</i> . <i>PLoS ONE</i> , 2015, 10, e0144547.	1.1	25
23	Mining Novel Allergens from Coconut Pollen Employing Manual <i>De Novo</i> Sequencing and Homology-Driven Proteomics. <i>Journal of Proteome Research</i> , 2015, 14, 4823-4833.	1.8	37
24	Search for Allergens from the Pollen Proteome of Sunflower (<i>Helianthus annuus</i> L.): A Major Sensitizer for Respiratory Allergy Patients. <i>PLoS ONE</i> , 2015, 10, e0138992.	1.1	31
25	Biomonitoring of pollen grains of a river bank suburban city, Konnagar, Calcutta, India, and its link and impact on local people. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 236-242.	0.5	9
26	Effect of airborne <i>Alternaria</i> conidia, ozone exposure, PM10 and weather on emergency visits for asthma in school-age children in Kolkata city, India. <i>Aerobiologia</i> , 2014, 30, 137-148.	0.7	14