

Anandamay Barik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Long-chain free fatty acids from <i>Momordica cochinchinensis</i> leaves as attractants to its insect pest, <i>Aulacophora foveicollis</i> Lucas (Coleoptera: Chrysomelidae). <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 229-234.	0.4	41
2	Long-chain alkanes: allelochemicals for host location by the insect pest, <i>Epilachna dodecastigma</i> (Coleoptera: Coccinellidae). <i>Applied Entomology and Zoology</i> , 2013, 48, 171-179.	0.6	38
3	Microstructure Analysis and Chemical and Mechanical Characterization of the Shells of Three Freshwater Snails. <i>ACS Omega</i> , 2020, 5, 25757-25771.	1.6	34
4	Alkanes in Flower Surface Waxes of <i>Momordica cochinchinensis</i> Influence Attraction to <i>Aulacophora foveicollis</i> Lucas (Coleoptera: Chrysomelidae). <i>Neotropical Entomology</i> , 2013, 42, 366-371.	0.5	32
5	<i>Momordica cochinchinensis</i> (Cucurbitaceae) leaf volatiles: semiochemicals for host location by the insect pest, <i>Aulacophora foveicollis</i> (Coleoptera: Chrysomelidae). <i>Chemoecology</i> , 2015, 25, 93-104.	0.6	32
6	Attraction of <i>Epilachna dodecastigma</i> (Coleoptera: Coccinellidae) to <i>Momordica charantia</i> (Cucurbitaceae) leaf volatiles. <i>Canadian Entomologist</i> , 2015, 147, 169-180.	0.4	29
7	Long-chain alkanes and fatty acids from <i>Ludwigia octovalvis</i> weed leaf surface waxes as short-range attractant and ovipositional stimulant to <i>Altica cyanea</i> (Weber) (Coleoptera: Chrysomelidae). <i>Journal of Chemical Ecology</i> , 2014, 40, 1014-1024.	0.784	24
8	Olfactory responses of <i>Epilachna dodecastigma</i> (Coleoptera: Coccinellidae) to long-chain fatty acids from <i>Momordica charantia</i> leaves. <i>Arthropod-Plant Interactions</i> , 2013, 7, 339-348.	0.5	28
9	Attraction of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae) to four varieties of <i>Lathyrus sativus</i> L. seed volatiles. <i>Bulletin of Entomological Research</i> , 2015, 105, 187-201.	0.5	27
10	Free fatty acids from <i>Momordica charantia</i> L. flower surface waxes influencing attraction of <i>Epilachna dodecastigma</i> (Wied.) (Coleoptera: Coccinellidae). <i>International Journal of Pest Management</i> , 2015, 61, 47-53.	0.9	25
11	Free fatty acids from the weed, <i>Polygonum orientale</i> leaves for attraction of the potential biocontrol agent, <i>Galerucella placida</i> (Coleoptera: Chrysomelidae). <i>Biocontrol Science and Technology</i> , 2015, 25, 593-607.	0.5	24
12	Role of surface wax alkanes from <i>Lathyrus sativus</i> L. seeds for attraction of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae). <i>Journal of Stored Products Research</i> , 2014, 59, 113-119.	1.2	22
13	Antibacterial Activity of Long-Chain Primary Alcohols from <i>Solenia amplexicaulis</i> Leaves. <i>Proceedings of the Zoological Society</i> , 2018, 71, 313-319.	0.4	22
14	Influence of four host plants on feeding, growth and reproduction of <i>Diacrisia casignetum</i> (L.) (Lepidoptera: Tortricidae). <i>Entomological Science</i> , 2013, 16, 112-118.	0.3	21
15	Identification of <i>Lathyrus sativus</i> plant volatiles causing behavioral preference of <i>Aphis craccivora</i> . <i>Pest Management Science</i> , 2021, 77, 285-299.	1.7	21
16	Floral volatiles with colour cues from two cucurbitaceous plants causing attraction of <i>Aulacophora foveicollis</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016, 158, 133-141.	0.7	19
17	The attractiveness of odorous esterified fatty acids to the potential biocontrol agent, <i>Altica cyanea</i> . <i>Journal of Asia-Pacific Entomology</i> , 2012, 15, 277-282.	0.4	18
18	Attraction of the potential biocontrol agent <i>Galerucella placida</i> (Coleoptera: Chrysomelidae) to the volatiles of <i>Polygonum orientale</i> (Polygonaceae) weed leaves. <i>Chemoecology</i> , 2016, 26, 45-58.	0.6	17

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19	Bionomics of <i>Momordica cochinchinensis</i> Fed Aulacophora foveicollis (Coleoptera: Chrysomelidae). Proceedings of the Zoological Society, 2017, 70, 81-87.	0.4	17
20	The Role of Leaf Volatiles of <i>Ludwigia octovalvis</i> (Jacq.) Raven in the Attraction of <i>Altica cyanea</i> (Weber) (Coleoptera: Chrysomelidae). Journal of Chemical Ecology, 2017, 43, 679-692.	0.9	17
21	Volatiles of <i>Solena amplexicaulis</i> (Lam.) Gandhi Leaves Influencing Attraction of Two Generalist Insect Herbivores. Journal of Chemical Ecology, 2016, 42, 1004-1015.	0.9	16
22	Systemically released volatiles from <i>Solena amplexicaulis</i> plant leaves with color cues influencing attraction of a generalist insect herbivore. International Journal of Pest Management, 2018, 64, 210-220.	0.9	16
23	A beetle biocontrol agent of rice-field weeds recognizes its host plants by surface wax long-chain alkanes and free fatty acids. Chemoecology, 2019, 29, 155-170.	0.6	16
24	The role of <i>Lathyrus sativus</i> flower surface wax in short-range attraction and stimulant for nymph laying by an adult viviparous aphid. Bulletin of Entomological Research, 2020, 110, 231-241.	0.5	16
25	Two-sex life table and feeding dynamics of <i>Spilosoma obliqua</i> Walker (Lepidoptera: Arctiidae) on three green gram cultivars. Bulletin of Entomological Research, 2020, 110, 219-230.	0.5	16
26	Leaf waxes from <i>Lathyrus sativus</i> : short-range attractant and stimulant for nymph laying in a viviparous insect. Chemoecology, 2020, 30, 117-129.	0.6	16
27	Fruit Volatiles of Creeping Cucumber (<i>Solena amplexicaulis</i>) Attract a Generalist Insect Herbivore. Journal of Chemical Ecology, 2020, 46, 275-287.	0.9	16
28	n-alkanes in epicuticular waxes of <i>Vigna unguiculata</i> (L.) Walp. leaves. Acta Botanica Gallica, 2014, 161, 373-377.	0.9	15
29	The determination of n-alkanes in the cuticular wax of leaves of <i>Ludwigia adscendens</i> L.. Phytochemical Analysis, 2004, 15, 109-111.	1.2	14
30	The Impact of Variation in Foliar Constituents of Sunflower on Development and Reproduction of <i>Diacrisia casignetum</i> Kollar (Lepidoptera: Arctiidae). Psyche: Journal of Entomology, 2012, 2012, 1-9.	0.4	13
31	Biology and life history of <i>Lema praeusta</i> (Fab.) (Coleoptera: Chrysomelidae), a biocontrol agent of two Commelinaceae weeds, <i>Commelina benghalensis</i> and <i>Murdannia nudiflora</i> . Bulletin of Entomological Research, 2019, 109, 463-471.	0.5	13
32	The importance of leaf surface wax as short-range attractant and oviposition stimulant in a generalist Lepidoptera. Journal of Applied Entomology, 2020, 144, 616-631.	0.8	13
33	The Mid-Winter Assemblage And Diversity Of Bird Populations At Patlakhawa Protected Forest, Coochbehar, West Bengal, India. Ring, 2014, 35, 31-53.	0.4	12
34	<i>Solena amplexicaulis</i> (Cucurbitaceae) flower surface wax influencing attraction of a generalist insect herbivore, <i>Aulacophora foveicollis</i> (Coleoptera: Chrysomelidae). International Journal of Tropical Insect Science, 2016, 36, 70-81.	0.4	12
35	Age-stage, two-sex life table and food utilization efficiencies of <i>Galerucella placida</i> Baly (Coleoptera: Tj ETQq1 1 0.784314 rgBT / Over 0.4 11	0.4	11
36	Comparative performance and digestive physiology of <i>Diaphania indica</i> (Lepidoptera: Crambidae) on <i>Trichosanthes anguina</i> (Cucurbitaceae) cultivars. Bulletin of Entomological Research, 2020, 110, 756-766.	0.5	11

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37	Attraction of the potential biocontrol agent <i>Altica cyanea</i> by volatile compounds of three species of <i>Ludwigia</i> weeds from rice fields. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 91-104.	0.7	11
38	Free fatty acids from <i>Lathyrus sativus</i> seed coats acting as short-range attractants to <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae). <i>Journal of Stored Products Research</i> , 2016, 67, 56-62.	1.2	10
39	Long-Chain Free Fatty Acids from Sunflower (Asteraceae) Leaves: Allelochemicals for Host Location by the Arctiid Moth, <i>Diacrisia casignetum</i> Kollar (Lepidoptera: Arctiidae). <i>Journal of the Kansas Entomological Society</i> , 2014, 87, 22-36.	0.1	9
40	Effect of bitter gourd (Cucurbitaceae) foliar constituents on development and reproduction of <i>Epilachna dodecastigma</i> (Coleoptera: Coccinellidae). <i>International Journal of Tropical Insect Science</i> , 2016, 36, 195-203.	0.4	9
41	Biology of <i>Galerucella placida</i> Baly (Coleoptera: Chrysomelidae) on the Rice-Field Weed <i>Polygonum orientale</i> L. (Polygonaceae). <i>Proceedings of the Zoological Society</i> , 2018, 71, 257-264.	0.4	9
42	Attraction of the biocontrol agent, <i>Galerucella placida</i> Baly (Coleoptera: Chrysomelidae) to the leaf surface alkanes of the weed, <i>Polygonum orientale</i> L. <i>Allelopathy Journal</i> , 2017, 40, 103-116.	0.2	9
43	Amino acids through developmental stages of sunflower leaves. <i>Acta Botanica Croatica</i> , 2013, 72, 23-33.	0.3	8
44	Volatiles and surface wax long-chain alkanes and free fatty acids from <i>Polygonum orientale</i> L. (Polygonaceae) flowers. <i>Botany Letters</i> , 2016, 163, 453-460.	0.7	8
45	Long-chain primary alcohols in <i>Momordica cochinchinensis</i> Spreng leaf surface waxes. <i>Botany Letters</i> , 2016, 163, 61-66.	0.7	8
46	<i>Momordica charantia</i> L. (Cucurbitaceae) floral volatiles causing attraction of <i>Epilachna dodecastigma</i> (Coleoptera: Coccinellidae). <i>International Journal of Pest Management</i> , 2017, 63, 138-145.	0.9	8
47	Age-stage, two-sex life table of the biocontrol agent, <i>Altica cyanea</i> on three <i>Ludwigia</i> species. <i>Biologia (Poland)</i> , 2021, 76, 101-112.	0.8	8
48	Determination of n-alkane profile through developmental state of sunflower leaves. <i>South Pacific Journal of Natural and Applied Sciences</i> , 2012, 30, 72.	0.2	8
49	Activities of antioxidant enzymes in three species of <i>Ludwigia</i> weeds on feeding by <i>Altica cyanea</i> . <i>Journal of King Saud University - Science</i> , 2019, 31, 1522-1527.	1.6	7
50	Leaf Surface Wax Chemicals in <i>Trichosanthes anguina</i> (Cucurbitaceae) Cultivars Mediating Short-Range Attraction and Oviposition in <i>Diaphania indica</i> . <i>Journal of Chemical Ecology</i> , 2021, 47, 664-679.	0.9	7
51	Effect of thermal stress on antioxidant responses of the biocontrol agent <i>Galerucella placida</i> (Coleoptera: Chrysomelidae). <i>International Journal of Tropical Insect Science</i> , 2018, 38, 400-409.	0.4	6
52	Effects of four varieties of <i>Lathyrus sativus</i> (Fabaceae) seeds on the bionomics of <i>Callosobruchus maculatus</i> (Coleoptera: Chrysomelidae). <i>Canadian Entomologist</i> , 2016, 148, 102-111.	0.4	5
53	Attraction of the Biocontrol Agent, <i>Galerucella placida</i> Towards Volatile Blends of Two Polygonaceae Weeds, <i>Rumex dentatus</i> and <i>Polygonum glabrum</i> . <i>Journal of Chemical Ecology</i> , 2022, 48, 165.	0.9	5
54	Attraction of the biocontrol agent, <i>Lema praeusta</i> , towards two Commelinaceae weed volatiles. <i>Journal of Applied Entomology</i> , 2021, 145, 869.	0.8	4

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55	Short-range attraction and oviposition stimulant of a biocontrol agent, <i>Galerucella placida</i> Baly (Coleoptera: Chrysomelidae) toward weed leaf surface waxes. Bulletin of Entomological Research, 2022, 112, 204-218.	0.5	4
56	Flower surface wax chemicals in green gram help to stimulate oviposition in <i>Spilosoma obliqua</i> within short distances. Entomologia Experimentalis Et Applicata, 0, , .	0.7	4
57	Bioenergetics and water balance in <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae) larval populations. Oriental Insects, 2003, 37, 423-437.	0.1	3
58	Variation in fatty acids throughout the developmental stages of <i>Vigna unguiculata</i> (L.) Walp. leaves. Botany Letters, 2016, 163, 461-468.	0.7	3
59	Effect of Temperature on Development and Reproduction of <i>Epilachna dodecastigma</i> (Wied.) (Coleoptera: Coccinellidae). Proceedings of the Zoological Society, 2017, 70, 150-155.	0.4	3
60	Effect of temperature for mass rearing of <i>Spilosoma obliqua</i> on an artificial diet using age-stage, two-sex life table approach. , 2022, 77, 1327-1335.		2
61	Attraction of <i>Aphis craccivora</i> Koch (Hemiptera: Aphididae) towards <i>Lathyrus sativus</i> L. flower volatiles. International Journal of Pest Management, 0, , 1-18.	0.9	1
62	Allelopathic effects of the weed, <i>Polygonum orientale</i> L. on jute. Indian Journal of Agricultural Research, 2014, 48, 278.	0.0	0
63	Variations in Composition of Alkanes and Free Fatty Acids in <i>Aulacophora foveicollis</i> Lucas (Coleoptera: Chrysomelidae) on Exposure to Monocrotophos. Proceedings of the Zoological Society, 2019, 72, 301-312.	0.4	0
64	Effects of photoperiods on demography and population growth of <i>Aulacophora foveicollis</i> Lucas reared on <i>Solena amplexicaulis</i> plant. International Journal of Tropical Insect Science, 2021, 41, 1407-1418.	0.4	0