Hermann M Niemeyer

List of Publications by Year
in descending order

175 papers	5,264 citations	101543 36 h-index	114465 63 g-index
176 all docs	176 docs citations	176 times ranked	3408 citing authors

#	Article	IF	Citations
1	Hydroxamic acids (4-hydroxy-1,4-benzoxazin-3-ones), defence chemicals in the gramineae. Phytochemistry, 1988, 27, 3349-3358.	2.9	601
2	Hydroxamic Acids Derived from 2-Hydroxy-2<i>H</i>-1,4-Benzoxazin-3(4<i>H</i>)-one: Key Defense Chemicals of Cereals. Journal of Agricultural and Food Chemistry, 2009, 57, 1677-1696.	5.2	374
3	Role of hydroxamic acids in the resistance of cereals to aphids. Phytochemistry, 1980, 19, 1665-1668.	2.9	161
4	Effect of content and distribution of hydroxamic acids in wheat on infestation by the aphid Schizaphis graminum. Phytochemistry, 1981, 20, 673-676.	2.9	146
5	Hydroxamic acid content in wild and cultivated gramineae. Phytochemistry, 1983, 22, 2665-2668.	2.9	108
6	Differences in Effects of Pyrrolizidine Alkaloids on Five Generalist Insect Herbivore Species. Journal of Chemical Ecology, 2005, 31, 1493-1508.	1.8	103
7	Changes in hydroxamic acid levels of wheat plants induced by aphid feeding. Phytochemistry, 1989, 28, 447-449.	2.9	91
8	TOXICITY AND FEEDING DETERRENCY OF HYDROXAMIC ACIDS FROM GRAMINEAE IN SYNTHETIC DIETS AGAINST THE GREENBUG, <i>SCHIZAPHIS GRAMINUM</i>. Entomologia Experimentalis Et Applicata, 1983, 34, 134-138.	1.4	88
9	Chemical composition of precloacal secretions of Liolaemus lizards. Journal of Chemical Ecology, 2001, 27, 1677-1690.	1.8	87
10	Analogs of the cyclic hydroxamic acid 2,4-dihydroxy-7-methoxy-2H-1,4-benzoxazin-3-one (DIMBOA): decomposition to benzoxazolinones and reaction with .beta.-mercaptoethanol. Journal of Organic Chemistry, 1991, 56, 1788-1800.	3.2	86
11	Interplay between thermal and immune ecology: Effect of environmental temperature on insect immune response and energetic costs after an immune challenge. Journal of Insect Physiology, 2012, 58, 310-317.	2.0	77
12	Chemical composition of precloacal secretions of two Liolaemus fabiani populations: are they different?. Journal of Chemical Ecology, 2003, 29, 629-638.	1.8	70
13	Genetic structure and clonal diversity of an introduced pest in Chile, the cereal aphid Sitobion avenae. Heredity, 2005, 95, 24-33.	2.6	64
14	Comparison of the effect of hydroxamic acids from wheat on five species of cereal aphids. Entomologia Experimentalis Et Applicata, 1995, 74, 115-119.	1.4	62
15	Energetic costs of detoxification systems in herbivores feeding on chemically defended host plants: a correlational study in the grain aphid,<i>Sitobion avenae</i>. Journal of Experimental Biology, 2009, 212, 1185-1190.	1.7	62
16	Inhibition of ATPase from chloroplasts by a hydroxamic acid from the gramineae. Phytochemistry, 1983, 22, 2455-2458.	2.9	61
17	Local identification and valuation of ecosystem goods and services from Opuntia scrublands of Ayacucho, Peru. Ecological Economics, 2006, 57, 30-44.	5.7	57
18	Influence of plant resistance at the third trophic level: interactions between parasitoids and entomopathogenic fungi of cereal aphids. Oecologia, 1998, 117, 426-432.	2.0	56

#	Article	IF	Citations
19	Feeding by the aphid Sipha flava produces a reddish spot on leaves of Sorghum halepense: an induced defense?. Journal of Chemical Ecology, 2001, 27, 273-283.	1.8	56
20	Hydroxamic acid content of triticum species. Euphytica, 1988, 37, 289-293.	1.2	55
21	Isolation, Characterization, and Biological Activity of Naphthoquinones fromCalceolaria andinaL.. Journal of Agricultural and Food Chemistry, 1999, 47, 770-775.	5.2	55
22	Occurrence of diboa in wildHordeum species and its relation to aphid resistance. Phytochemistry, 1992, 31, 89-91.	2.9	54
23	Insect antifeedant compounds from Nothofagus dombeyi and N. pumilio. Phytochemistry, 2004, 65, 2173-2176.	2.9	51
24	Antipredator responses of aphids to parasitoids change as a function of aphid physiological state. Animal Behaviour, 2002, 64, 677-683.	1.9	50
25	Effects of DIMBOA on detoxification enzymes of the aphid Rhopalosiphum padi (Homoptera: aphididae). Journal of Insect Physiology, 2003, 49, 223-229.	2.0	49
26	Ingestion of the benzoxazinone dimboa from wheat plants by aphids. Phytochemistry, 1989, 28, 2307-2310.	2.9	48
27	The Influence of Previous Experience and Starvation on Aphid Feeding Behavior. Journal of Insect Behavior, 2000, 13, 699-709.	0.7	47
28	Pre-pupation behaviour of the aphid parasitoid Aphidius ervi (Haliday) and its consequences for pre-imaginal learning. Die Naturwissenschaften, 2007, 94, 595-600.	1.6	47
29	Pseudoreplication and Its Frequency in Olfactometric Laboratory Studies. Journal of Chemical Ecology, 2000, 26, 1423-1431.	1.8	45
30	Genetic diversity and insecticide resistance of Myzus persicae (Hemiptera: Aphididae) populations from tobacco in Chile: evidence for the existence of a single predominant clone. Bulletin of Entomological Research, 2004, 94, 11-18.	1.0	43
31	Behavioural differences during host selection between alate virginoparae of generalist and tobacco-specialist Myzus persicae. Entomologia Experimentalis Et Applicata, 2005, 116, 43-53.	1.4	42
32	Characteristics of Hydroxamic Acid Induction in Wheat Triggered by Aphid Infestation. Journal of Chemical Ecology, 1997, 23, 2695-2705.	1.8	41
33	Partial purification and characterization of a hydroxamic acid glucoside Î²-d-glucosidase from maize. Phytochemistry, 1992, 31, 2609-2612.	2.9	40
34	Sources of pheromones in the lizard Liolaemus tenuis. Revista Chilena De Historia Natural, 2002, 75, 141.	1.2	40
35	Reaction of DIMBOA with amines. Phytochemistry, 1989, 28, 1831-1834.	2.9	38
36	Chromosomal location of genes for hydroxamic acid accumulation in Triticum aestivum L. (wheat) using wheat aneuploids and wheat substitution lines. Heredity, 1997, 79, 10-14.	2.6	38

#	Article	IF	Citations
37	Reaction of dimboa, a resistance factor from cereals, with Î±-chymotrypsin. Phytochemistry, 1990, 29, 1429-1432.	2.9	37
38	Hydroxamic acid content of perennial triticeae. Phytochemistry, 1991, 30, 1531-1534.	2.9	37
39	Effect of DIMBOA, an aphid resistance factor in wheat, on the aphid predatorEriopis connexa Germar (Coleoptera: Coccinellidae). Journal of Chemical Ecology, 1992, 18, 469-479.	1.8	37
40	Intraspecific Chemical Recognition in the Lizard Liolaemus tenuis. Journal of Chemical Ecology, 1999, 25, 1799-1811.	1.8	37
41	Reaction of a cyclic hydroxamic acid from gramineae with thiols. Phytochemistry, 1982, 21, 2287-2289.	2.9	34
42	Lack of Costs of Herbivory-Induced Defenses in a Wild Wheat: Integration of Physiological and Ecological Approaches. Oikos, 1997, 80, 269.	2.7	34
43	Title is missing!. Journal of Chemical Ecology, 2000, 26, 2725-2736.	1.8	34
44	Variability in the Assessment of Snake Predation Risk by Liolaemus Lizards. Ethology, 2004, 110, 649-662.	1.1	34
45	Host selection by the generalist aphid Myzus persicae (Hemiptera: Aphididae) and its subspecies specialized on tobacco, after being reared on the same host. Bulletin of Entomological Research, 2005, 95, 23-28.	1.0	34
46	Hydroxamic acid glucosides in honeydew of aphids feeding on wheat. Journal of Chemical Ecology, 1992, 18, 841-846.	1.8	32
47	The Triticeae as sources of hydroxamic acids, secondary metabolites in wheat conferring resistance against aphids. Hereditas, 1992, 116, 295-299.	1.4	32
48	Seco-labdanes and other constituents fromOphryosporus floribundus. Phytochemistry, 1990, 29, 3247-3253.	2.9	31
49	Potential of Hydroxamic Acids in the Control of Cereal Pests, Diseases, and Weeds. ACS Symposium Series, 1994, , 260-270.	0.5	31
50	Nicotine in the hair of mummies from San Pedro de Atacama (Northern Chile). Journal of Archaeological Science, 2013, 40, 3561-3568.	2.4	30
51	The reduction of 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3-one by thiols. Phytochemistry, 1985, 24, 2963-2966.	2.9	29
52	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1543-1554.	1.8	29
53	Chemical Exploratory Behavior in the Lizard Liolaemus bellii. Journal of Herpetology, 2001, 35, 51.	0.5	29
54	Integrated pest management, semiochemicals and microbial pest-control agents in Latin American agriculture. Crop Protection, 2005, 24, 615-623.	2.1	29

#	Article	IF	Citations
55	Effects of Hydroxamic Acids Isolated from Gramineae on Adenosine 5â€²-triphosphate Synthesis in Chloroplasts. Plant Physiology, 1981, 68, 941-943.	4.8	28
56	Do floral syndromes predict specialisation in plant pollination systems? Assessment of diurnal and nocturnal pollination of<i>Escallonia myrtoidea</i>. New Zealand Journal of Botany, 2006, 44, 135-141.	1.1	28
57	Decomposition in aprotic solvents of 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3-one, a hydroxamic acid from cereals. Tetrahedron, 1985, 41, 4983-4986.	1.9	27
58	Substrate specificity of a glucosyltransferase and an N-hydroxylase involved in the biosynthesis of cyclic hydroxamic acids in gramineae. Phytochemistry, 1994, 36, 887-892.	2.9	27
59	Title is missing!. Euphytica, 1998, 102, 317-321.	1.2	27
60	Water Deficit as a Driver of the Mutualistic Relationship between the Fungus <i>Trichoderma harzianum</i> and Two Wheat Genotypes. Applied and Environmental Microbiology, 2008, 74, 1412-1417.	3.1	27
61	Reaction of dimboa, a resistance factor from cereals, with papain. Phytochemistry, 1989, 28, 1597-1600.	2.9	26
62	Changes in dihydroxymethoxybenzoxazinone glycoside content in wheat plants infected by three plant pathogenic fungi. Physiological and Molecular Plant Pathology, 1995, 47, 201-212.	2.5	26
63	EFFECT OF HOST DEFENSE CHEMICALS ON CLONAL DISTRIBUTION AND PERFORMANCE OF DIFFERENT GENOTYPES OF THE CEREAL APHID Sitobion avenae. Journal of Chemical Ecology, 2004, 30, 2515-2525.	1.8	26
64	Nicotine in residues of smoking pipes and other artifacts of the smoking complex from an Early Ceramic period archaeological site in central Chile. Journal of Archaeological Science, 2014, 44, 55-60.	2.4	26
65	Interaction, social identity, agency and change during Middle Horizon San Pedro de Atacama (northern Chile): A multidimensional and interdisciplinary perspective. Journal of Anthropological Archaeology, 2014, 35, 135-152.	1.6	26
66	Environmental effects on the induction of wheat chemical defences by aphid infestation. Oecologia, 1996, 107, 549-552.	2.0	25
67	Patterns of Bioactivity and Herbivory on Nothofagus Species from Chile and New Zealand. Journal of Chemical Ecology, 2000, 26, 41-56.	1.8	25
68	Host plant and natural enemy impact on cereal aphid competition in a seasonal environment. Oikos, 2002, 96, 481-491.	2.7	25
69	Environmental Effects on the Accumulation of Hydroxamic Acids in Wheat Seedlings: The Importance of Plant Growth Rate. Journal of Chemical Ecology, 1997, 23, 543-551.	1.8	24
70	Direction of dispersion of cochineal (Dactylopius coccus Costa) within the Americas. Antiquity, 2001, 75, 73-77.	1.0	24
71	Physiological approach to explain the ecological success of â€˜superclonesâ€™ in aphids: Interplay between detoxification enzymes, metabolism and fitness. Journal of Insect Physiology, 2010, 56, 1058-1064.	2.0	24
72	Differences in learning and memory of host plant features between specialist and generalist phytophagous insects. Animal Behaviour, 2015, 106, 1-10.	1.9	24

#	Article	IF	Citations
73	Odour communication of <i>Rhopalosiphum padi</i> on grasses. Entomologia Experimentalis Et Applicata, 1995, 76, 325-328.	1.4	23
74	Defoliation Affects Chemical Defenses in All Plant Parts of Rye Seedlings. Journal of Chemical Ecology, 1999, 25, 491-499.	1.8	23
75	Interactions between Males of the Lizard Liolaemus tenuis: Roles of Familiarity and Memory. Ethology, 2002, 108, 1057-1064.	1.1	22
76	Contrasting performances of generalist and specialist Myzus persicae (Hemiptera: Aphididae) reveal differential prevalence of maternal effects after host transfer. Bulletin of Entomological Research, 2007, 97, 61-67.	1.0	21
77	Effect of hydroxamic acids from cereals on aphid cholinesterases. Phytochemistry, 1993, 34, 983-985.	2.9	20
78	Salivation into sieve elements in relation to plant chemistry: the case of the aphid Sitobion fragariae and the wheat, Triticum aestivum. Entomologia Experimentalis Et Applicata, 1999, 91, 111-114.	1.4	20
79	Specialisation pattern of the aphid Rhopalosiphum maidis is not modified by experience on a novel host. Entomologia Experimentalis Et Applicata, 2001, 100, 43-52.	1.4	20
80	Nest-mate recognition in Manuelia postica (Apidae: Xylocopinae): an eusocial trait is present in a solitary bee. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 285-291.	2.6	20
81	Inhibition of mitochondrial energy-linked reactions by 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3-one (dimboa), a hydroxamic acid from gramineae. Biochemical Pharmacology, 1986, 35, 3909-3914.	4.4	19
82	Changes in growth and chemical defences upon defoliation in maize. Phytochemistry, 1998, 49, 1921-1923.	2.9	19
83	Dyes used in pre-Hispanic textiles from the Middle and Late Intermediate periods of San Pedro de Atacama (northern Chile): new insights into patterns of exchange and mobility. Journal of Archaeological Science, 2015, 57, 14-23.	2.4	19
84	Effects of gramine on energy metabolism of rat and bovine mitochondria. Biochemical Pharmacology, 1984, 33, 2973-2979.	4.4	18
85	Effect of wheat resistance, the parasitoid Aphidius rhopalosiphi, and the entomopathogenic fungus Pandora neoaphidis, on population dynamics of the cereal aphid Sitobion avenae. Entomologia Experimentalis Et Applicata, 2000, 97, 109-114.	1.4	18
86	Effect of defoliation on the patterns of allocation of a hydroxamic acid in rye (Secale cereale). Environmental and Experimental Botany, 1997, 38, 231-235.	4.2	17
87	Molecular markers to differentiate two morphologically-close species of the genus Sitobion. Entomologia Experimentalis Et Applicata, 1999, 92, 217-225.	1.4	17
88	Chemical self-recognition in the lizard Liolaemus fitzgeraldi. Journal of Ethology, 2009, 27, 181-184.	0.8	17
89	Interplay between behavioural thermoregulation and immune response in mealworms. Journal of Insect Physiology, 2012, 58, 1450-1455.	2.0	17
90	Associative odour learning affects mating behaviour in Aphidius ervi males (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (	1.2	17

#	Article	IF	Citations
91	Sequestration of aristolochic acids from meridic diets by larvae of Battus polydamas archidamas (Papilionidae: Troidini). European Journal of Entomology, 2011, 108, 41-45.	1.2	17
92	Mechanisms of inbreeding avoidance in the one-piece drywood termite Neotermes chilensis. Insectes Sociaux, 2015, 62, 237-245.	1.2	16
93	Optimal geometrical parameters for the cndo/2 approximation. Tetrahedron, 1977, 33, 1369-1370.	1.9	15
94	Plant quality vs. risk of parasitism: within-plant distribution and performance of the corn leaf aphid, Rhopalosiphum maidis. Agricultural and Forest Entomology, 2001, 3, 29-33.	1.3	15
95	Diet breadth and its relationship with genetic diversity and differentiation: the case of southern beech aphids (Hemiptera: Aphididae). Bulletin of Entomological Research, 2004, 94, 219-227.	1.0	15
96	Patterns of chemical defences in plants: an analysis of the vascular flora of Chile. Chemoecology, 2006, 16, 145-151.	1.1	15
97	Acceptance and suitability of Acyrthosiphon pisum and Sitobion avenae as hosts of the aphid parasitoid Aphidius ervi (Hymenoptera: Braconidae). European Journal of Entomology, 2003, 100, 49-53.	1.2	15
98	Variability in Grain Aphid (Homoptera: Aphididae) Performance and Aphid-Induced Phytochemical Responses in Wheat. Environmental Entomology, 1997, 26, 638-641.	1.4	14
99	Allocation of herbivory-induced hydroxamic acids in the wild wheat Triticum uniaristatum. Chemoecology, 1998, 8, 19-23.	1.1	14
100	Host-Plant Chemicals and Distribution of Neuquenaphis on Nothofagus. Journal of Chemical Ecology, 1999, 25, 1043-1054.	1.8	14
101	Nesting biology, life cycle, and interactions between females of<i>Manuelia postica</i>, a solitary species of the Xylocopinae (Hymenoptera: Apidae). New Zealand Journal of Zoology, 2008, 35, 93-102.	1.1	14
102	Species richness of herbivorous insects on Nothofagus trees in South America and New Zealand: The importance of chemical attributes of the host. Basic and Applied Ecology, 2009, 10, 10-18.	2.7	14
103	Chemical Discrimination in Liolaemus Lizards: Comparison of Behavioral and Chemical Data. , 2001, , 439-444.		14
104	Complexes of bivalent cations wtih a hydroxamic acid from maize extracts. Polyhedron, 1983, 2, 106-108.	2.2	13
105	Title is missing!. Journal of Chemical Ecology, 1999, 25, 771-779.	1.8	13
106	Behavioural thermoregulation in Acyrthosiphon pisum (Homoptera: Aphididae): the effect of parasitism by Aphidius ervi (Hymenoptera: Braconidae). Journal of Thermal Biology, 2001, 26, 133-137.	2.5	13
107	Selection of Nothofagus Host Trees by the Aphids Neuquenaphis staryi and Neuquenaphis edwardsi. Journal of Chemical Ecology, 2004, 30, 2231-2241.	1.8	13
108	Do pollinators simultaneously select for inflorescence size and amount of floral scents? An experimental assessment on Escallonia myrtoidea. Austral Ecology, 2006, 31, 897-903.	1.5	13

#	Article	IF	Citations
109	The effect of larval and early adult experience on behavioural plasticity of the aphid parasitoid Aphidius ervi (Hymenoptera, Braconidae, Aphidiinae). Die Naturwissenschaften, 2007, 94, 903-910.	1.6	13
110	Host preference of a temperate mistletoe: Disproportional infection on three coâ€occurring host species influenced by differential success. Austral Ecology, 2012, 37, 339-345.	1.5	13
111	Generalized pollination system: Are floral traits adapted to different pollinators?. Arthropod-Plant Interactions, 2014, 8, 261.	1.1	13
112	Highly oxygenated furoeremophilane derivatives from Senecio zoellneri. Phytochemistry, 1991, 30, 2407-2409.	2.9	12
113	Olfactory conditioning in mate searching by the parasitoidAphidius ervi(Hymenoptera: Braconidae). Bulletin of Entomological Research, 2008, 98, 371-377.	1.0	12
114	Host-mediated volatile polymorphism in a parasitic plant influences its attractiveness to pollinators. Oecologia, 2010, 162, 413-425.	2.0	12
115	Quantitation of N-(2-hydroxy-4-methoxyphenyl)glyoxylhydroxamic acid, a reactive intermediate in reactions of 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3-one. Journal of Organic Chemistry, 1986, 51, 3542-3545.	3.2	11
116	Age and season affect chemical discrimination of Liolaemus bellii own space. Journal of Chemical Ecology, 2003, 29, 2615-2620.	1.8	11
117	A socio-ecological model of the Opuntia scrublands in the Peruvian Andes. Ecological Modelling, 2012, 227, 136-146.	2.5	11
118	A New Product from the Decomposition of 2,4-Dihydroxy-7-methoxy-1,4-benzoxazin-3-one (DIMBOA), a Hydeoxamic Acid from Cereals. Heterocycles, 1986, 24, 335.	0.7	11
119	Potential of Hydroxamic Acids in Breeding for Aphid Resistance in Wheat. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 1993, 43, 163-167.	0.6	10
120	Composition of Essential Oils From Five Aromatic Species of Asteraceae. Journal of Essential Oil Research, 2009, 21, 350-353.	2.7	10
121	On the provenience of wood used in the manufacture of snuff trays from San Pedro de Atacama (Northern Chile). Journal of Archaeological Science, 2013, 40, 398-404.	2.4	10
122	De Pipas Y Sustancias: Costumbres Fumatorias Durante El Periodo Formativo En El Litoral Del Desierto De Atacama (Norte De Chile). Latin American Antiquity, 2015, 26, 143-161.	0.6	10
123	Experimental evidence for competitive exclusion of Myzus persicae nicotianae by Myzus persicae s.s. (Hemiptera: Aphididae) on sweet pepper, Capsicum annuum (Solanaceae). European Journal of Entomology, 2008, 105, 643-648.	1.2	10
124	Use of volatiles of Aristolochia chilensis (Aristolochiaceae) in host searching by fourth-instar larvae and adults of Battus polydamas archidamas (Lepidoptera: Papilionidae: Troidini). European Journal of Entomology, 2009, 106, 63-68.	1.2	10
125	The Triticeae as sources of hydroxamic acids, secondary metabolites in wheat conferring resistance against aphids. Hereditas, 0, 116, 295-299.	1.4	9
126	Translocation of isoquinoline alkaloids to the hemiparasite, Tristerix verticillatus from its host, Berberis montana. Biochemical Systematics and Ecology, 2009, 37, 225-227.	1.3	9

#	Article	IF	Citations
127	Biology and Ecology of Alchisme grossa in a Cloud Forest of the Bolivian Yungas. Journal of Insect Science, 2014, 14, 169.	1.5	9
128	New Insights into the Tiwanaku Style of Snuff Trays from San Pedro de Atacama, Northern Chile. Latin American Antiquity, 2015, 26, 120-136.	0.6	9
129	Aristolochic acids affect the feeding behaviour and development of Battus polydamas archidamas larvae (Lepidoptera: Papilionidae: Troidini). European Journal of Entomology, 2009, 106, 357-361.	1.2	9
130	Synthesis and Reactivity of Cyclic Hydroxamic Acids. ACS Symposium Series, 1992, , 349-360.	0.5	8
131	Biologically Active Compounds from Chilean Medicinal Plants. , 1995, , 137-159.		8
132	Semiochemicals associated to spacing behaviour of the bird cherry-oat aphid Rhopalosiphum padi L. (Hem., Aphididae) do not affect the olfactometric behaviour of the cereal aphid parasitoid Aphidius rhopalosiphi De Stephani-Perez (Hym., Braconidae). Journal of Applied Entomology, 1999, 123, 413-415.	1.8	8
133	Within-plant allocation of a chemical defense in Secale cereale. Is concentration the appropriate currency of allocation?. Chemoecology, 1999, 9, 113-117.	1.1	8
134	Noncorrelated evolution between herbivore- and pollinator-linked features in Aristolochia chilensis (Aristolochiaceae). Biological Journal of the Linnean Society, 2007, 91, 239-245.	1.6	8
135	Solitary Foraging in the Ancestral South American Ant, Pogonomyrmex vermiculatus. Is it Due to Constraints in the Production or Perception of Trail Pheromones?. Journal of Chemical Ecology, 2007, 33, 435-440.	1.8	8
136	Xâ€ray computed tomography reveals that intraspecific competition promotes soldier differentiation in a oneâ€piece nesting termite. Entomologia Experimentalis Et Applicata, 2017, 163, 26-34.	1.4	8
137	Chemical evidence of prehistoric passive tobacco consumption by a human perinate (early Formative) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	8
138	Effect of innate preferences, conditioning and adult experience on the attraction of Aphidius ervi (Hymenoptera: Braconidae) toward plant volatiles. European Journal of Entomology, 2002, 99, 285-288.	1.2	8
139	Reaction of 7-Substituted 4-Hydroxy-1,4-benzoxazine-3-ones in Strongly Acidic Media. Heterocycles, 1991, 32, 1681.	0.7	8
140	Decomposition of 7-Nitro-2,4-dihydroxy-1,4-benzoxazin-3-one in Aqueous Solutions. Heterocycles, 1991, 32, 1687.	0.7	7
141	Computed tomography study of snuff trays from San Pedro de Atacama (Northern Chile). Journal of Archaeological Science, 2013, 40, 2036-2044.	2.4	7
142	Sequestration of tropane alkaloids from Brugmansia suaveolens (Solanaceae) by the treehopper Alchisme grossa (Hemiptera: Membracidae). Biochemical Systematics and Ecology, 2016, 66, 161-165.	1.3	7
143	Karyotype variation in the South American aphid genus Neuquenaphis (Hemiptera, Aphididae,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.4	6
144	Natural selection in the tropical treehopper Alchisme grossa (Hemiptera: Membracidae) on two sympatric host-plants. Arthropod-Plant Interactions, 2016, 10, 229-235.	1.1	6

#	Article	IF	Citations
145	Chemical basis of nestmate recognition in a defense context in a one-piece nesting termite. Chemoecology, 2016, 26, 163-172.	1.1	6
146	No risk, no gain? Limited benefits of a non-costly herbivory-induced defense in wheat. Ecoscience, 1998, 5, 480-485.	1.4	5
147	Biology, ecology and demography of the tropical treehopper <i><scp>E</scp>nnya maculicornis</i> (<scp>H</scp>emiptera: <scp>M</scp>embracidae): relationships between female fitness, maternal care and oviposition sites. Ecological Entomology, 2017, 42, 477-483.	2.2	5
148	Forest fragmentation may endanger a plantâ€insect interaction: the case of the highly specialist native aphid <i>Neuquenaphis staryi</i> in Chile. Insect Conservation and Diversity, 2018, 11, 352-362.	3.0	5
149	Increased xylem ingestion and decreased phloem ingestion in the aphid Acyrthosiphon pisum (Hemiptera: Aphididae) parasitised by Aphidius ervi (Hymenoptera: Braconidae). European Journal of Entomology, 2006, 103, 263-265.	1.2	5
150	Multiple catalysis in the CNDO/2 approximation. Formamidine catalysed 1,3-proton transfer in propene. Journal of the Chemical Society Chemical Communications, 1974, , 799b.	2.0	4
151	Host Location by Ichneumonid Parasitoids is Associated with Nest Dimensions of the Host Bee Species. Neotropical Entomology, 2012, 41, 283-287.	1.2	4
152	OSTEOFITOSIS VERTEBRAL EN POBLACIONES PREHISPÃNICAS DE SAN PEDRO DE ATACAMA, NORTE DE CHILE. Estudios Atacamenos, 2015, , 177-194.	0.3	4
153	Towards the Reconstruction of the Ritual Expressions of Societies of the Early Ceramic Period in Central Chile: Social and Cultural Contexts Associated with the Use of Smoking Pipes. Interdisciplinary Contributions To Archaeology, 2016, , 231-254.	0.3	4
154	Differences in behavioral responses of <i>Sitobion avenae</i> (Hemiptera: Aphididae) to volatile compounds, following parasitism by <i>Aphidius ervi</i> (Hymenoptera: Braconidae). Ecoscience, 1998, 5, 334-337.	1.4	3
155	Nestmate recognition in defense against nest invasion by conspecifics during swarming in a one-piece nesting termite. Revista Chilena De Historia Natural, 2016, 89, .	1.2	3
156	Arsenic in the hair of mummies from agro-ceramic times of Northern Chile (500â€¯BCEâ€“1200â€¯CE). Journal of Archaeological Science: Reports, 2018, 21, 175-182.	0.5	3
157	Demographic and performance effects of alternative host use in a Neotropical treehopper (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	3
158	Chemical and morphological study of a putative hybrid betweenLuzuriaga radicansandL. polyphylla(Monocotyledoneae: Luzuriagaceae). New Zealand Journal of Botany, 2008, 46, 321-326.	1.1	2
159	Fasting and chemical signals affect recruitment and foraging efficiency in the harvester ant, Pogonomyrmex vermiculatus. Behaviour, 2009, 146, 923-938.	0.8	2
160	Kin Recognition in the largely Solitary Bee, <i>Manuelia postica</i> (Apidae: Xylocopinae). Ethology, 2010, 116, 466-471.	1.1	2
161	VILCA, ENCUENTRO DE MIRADAS: ANTECEDENTES Y HERRAMIENTAS PARA SU PESQUISA EN CONTEXTOS ARQUEOLÃ“GICOS DEL ÃREA CENTRO SUR ANDINA. Chungara, 2016, , 0-0.	0.1	2
162	Kin recognition in a subsocial treehopper (<scp>H</scp>emiptera: <scp>M</scp>embracidae). Ecological Entomology, 2018, 43, 342-350.	2.2	2

#	Article	IF	Citations
163	The colors of preâ€Hispanic textiles from cemeteries in the Quillagua and San Pedro de Atacama oases of Northern Chile. Color Research and Application, 2021, 46, 1288.	1.6	2
164	Chromosomal location of genes for hydroxamic acid accumulation in Triticum aestivum L. (wheat) using wheat aneuploids and wheat substitution lines. Heredity, 1997, 79, 10-14.	2.6	2
165	Body Size and Symmetry Properties of Termite Soldiers Under Two Intraspecific Competition Scenarios. Frontiers in Ecology and Evolution, 0, 10, .	2.2	2
166	CACHIMBAS Y KITRAS: UN ACERCAMIENTO A LAS PRÃCTICAS FUMATORIAS DE GRUPOS ALFAREROS DEL CENTRO-SUR DE CHILE. Magallania, 2017, 45, 219-244.	0.1	1
167	Non-host volatiles do not affect host acceptance by alate virginoparae of Rhopalosiphum padi (Hemiptera: Aphididae) settled on the host plant surface. European Journal of Entomology, 2005, 102, 303-304.	1.2	1
168	Mate searching in the scale insect, Dactylopius coccus (Hemiptera: Coccoidea: Dactylopiidae). European Journal of Entomology, 2005, 102, 305-306.	1.2	1
169	Development of behavioral studies in Chile between 1984 and 1998. Revista Chilena De Historia Natural, 2000, 73, .	1.2	1
170	Smoke of Capsicum baccatumL. var. baccatum (Solanaceae) repels nymphs of Triatoma infestans(Klug) (Hemiptera: Reduviidae). Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas, 2022, 21, 215-223.	0.5	1
171	Response to selected ecological parameters by <i>Leptus hringuri</i> Haitlinger, 2000 larvae (Trombidiformes: Erythraeidae) parasitizing treehoppers (Hemiptera: Membracidae) from Bolivia on two host-plant species. International Journal of Acarology, 2020, 46, 174-179.	0.7	0
172	Salivation into sieve elements in relation to plant chemistry: the case of the aphid Sitobion fragariae and the wheat, Triticum aestivum. , 1999, , 111-114.		0
173	NIVELES DE CORTISOL EN CABELLOS DE POBLACIONES PREHISPÃNICAS DE SAN PEDRO DE ATACAMA, NORTE DE CHILE. Chungara, 2015, , 0-0.	0.1	0
174	El polen de especies del gÃ©nero Nicotiana (Solanaceae) presentes en Chile: EvaluaciÃ³n de la utilidad de sus caracteres morfolÃ³gicos como biomarcadores en estudios arqueolÃ³gicos. Boletin De La Sociedad Argentina De Botanica, 2016, 51, 135-152.	0.3	0
175	A mutation increases the specificity to plant compounds in an insect chemosensory protein. Journal of Molecular Graphics and Modelling, 2022, 114, 108191.	2.4	0