

J H Tumlinson

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147
papers

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120
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153
ext. papers

15,705
ext. citations

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avg, IF

5.96
L-index

#	Paper	IF	Citations
147	Exploitation of herbivore-induced plant odors by host-seeking parasitic wasps. <i>Science</i> , 1990 , 250, 1251-333	33.3	1322
146	Herbivore-infested plants selectively attract parasitoids. <i>Nature</i> , 1998 , 393, 570-573	50.4	1009
145	An Elicitor of Plant Volatiles from Beet Armyworm Oral Secretion. <i>Science</i> , 1997 , 276, 945-949	33.3	775
144	Caterpillar-induced nocturnal plant volatiles repel conspecific females. <i>Nature</i> , 2001 , 410, 577-80	50.4	738
143	Airborne signals prime plants against insect herbivore attack. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1781-5	11.5	627
142	How caterpillar-damaged plants protect themselves by attracting parasitic wasps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 4169-74	11.5	565
141	A total system approach to sustainable pest management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 12243-8	11.5	388
140	De Novo Biosynthesis of Volatiles Induced by Insect Herbivory in Cotton Plants. <i>Plant Physiology</i> , 1997 , 114, 1161-1167	6.6	373
139	Diurnal cycle of emission of induced volatile terpenoids by herbivore-injured cotton plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 11836-40	11.5	324
138	Systemic release of chemical signals by herbivore-injured corn. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 8399-402	11.5	323
137	Simultaneous analysis of phytohormones, phytotoxins, and volatile organic compounds in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10552-7	11.5	280
136	Sex pheromones produced by male boll weevil: isolation, identification, and synthesis. <i>Science</i> , 1969 , 166, 1010-2	33.3	264
135	Host detection by chemically mediated associative learning in a parasitic wasp. <i>Nature</i> , 1988 , 331, 257-259	50.4	256
134	Isolation and identification of allelochemicals that attract the larval parasitoid, <i>Cotesia marginiventris</i> (Cresson), to the microhabitat of one of its hosts. <i>Journal of Chemical Ecology</i> , 1991 , 17, 2235-51	2.7	252
133	An elicitor in caterpillar oral secretions that induces corn seedlings to emit chemical signals attractive to parasitic wasps. <i>Journal of Chemical Ecology</i> , 1993 , 19, 411-25	2.7	244
132	Volatile Semiochemicals Released from Undamaged Cotton Leaves (A Systemic Response of Living Plants to Caterpillar Damage). <i>Plant Physiology</i> , 1996 , 111, 487-495	6.6	243
131	Identification of the female Japanese beetle sex pheromone: inhibition of male response by an enantiomer. <i>Science</i> , 1977 , 197, 789-92	33.3	238

130	Volatiles emitted by different cotton varieties damaged by feeding beet armyworm larvae. <i>Journal of Chemical Ecology</i> , 1995 , 21, 1217-27	2.7	234
129	An herbivore elicitor activates the gene for indole emission in maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 14801-6	11.5	222
128	Phytohormone-based activity mapping of insect herbivore-produced elicitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 653-7	11.5	205
127	Induced synthesis of plant volatiles. <i>Nature</i> , 1997 , 385, 30-31	50.4	194
126	Disulfoxy fatty acids from the American bird grasshopper <i>Schistocerca americana</i> , elicitors of plant volatiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12976-81	11.5	182
125	The influence of intact-plant and excised-leaf bioassay designs on volicitin- and jasmonic acid-induced sesquiterpene volatile release in <i>Zea mays</i> . <i>Planta</i> , 2001 , 214, 171-9	4.7	148
124	Variations in Parasitoid Foraging Behavior: Essential Element of a Sound Biological Control Theory. <i>Environmental Entomology</i> , 1990 , 19, 1183-1193	2.1	142
123	Concerted biosynthesis of an insect elicitor of plant volatiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 13971-5	11.5	139
122	Herbivore-induced volatile emissions from cotton (<i>Gossypium hirsutum</i> L.) seedlings. <i>Journal of Chemical Ecology</i> , 1994 , 20, 3039-50	2.7	129
121	The chemistry of eavesdropping, alarm, and deceit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 23-8	11.5	128
120	Sex pheromones and reproductive isolation of the lesser peachtree borer and the peachtree borer. <i>Science</i> , 1974 , 185, 614-6	33.3	128
119	Larval-damaged plants: source of volatile synomones that guide the parasitoid <i>Cotesia marginiventris</i> to the micro-habitat of its hosts. <i>Entomologia Experimentalis Et Applicata</i> , 1991 , 58, 75-82 ^{2.1}		123
118	Kairomones and their use for management of entomophagous insects : XIII. Kairomonal activity for <i>Trichogramma</i> spp. of abdominal tips, excretion, and a synthetic sex pheromone blend of <i>Heliothis zea</i> (Boddie) moths. <i>Journal of Chemical Ecology</i> , 1982 , 8, 1323-31	2.7	117
117	Isolation, identification, and synthesis of the sex pheromone of the tobacco budworm. <i>Journal of Chemical Ecology</i> , 1975 , 1, 203-214	2.7	115
116	Identification of the trail pheromone of a leaf-cutting ant, <i>Atta texana</i> . <i>Nature</i> , 1971 , 234, 348-9	50.4	115
115	Sex stimulant and attractant in the Indian meal moth and in the almond moth. <i>Science</i> , 1971 , 171, 802-4	33.3	109
114	Chemical and behavioral analyses of volatile sex pheromone components released by calling <i>Heliothis virescens</i> (F.) females (Lepidoptera: Noctuidae). <i>Journal of Chemical Ecology</i> , 1986 , 12, 107-26	2.7	108
113	Identification and synthesis of the four compounds comprising the boll weevil sex attractant. <i>Journal of Organic Chemistry</i> , 1971 , 36, 2616-2621	4.2	105

112	Beneficial arthropod behavior mediated by airborne semiochemicals : IV. Influence of host diet on host-oriented flight chamber responses of <i>Microplitis demolitor</i> Wilkinson. <i>Journal of Chemical Ecology</i> , 1988 , 14, 1597-606	2.7	100
111	Chemical mimicry: bolas spiders emit components of moth prey species sex pheromones. <i>Science</i> , 1987 , 236, 964-7	33.3	92
110	Beneficial arthropod behavior mediated by airborne semiochemicals : V. Influence of rearing method, host plant, and adult experience on host-searching behavior of <i>Microplitis croceipes</i> (Cresson), a larval parasitoid of <i>Heliothis</i> . <i>Journal of Chemical Ecology</i> , 1988 , 14, 1607-16	2.7	92
109	How contact foraging experiences affect preferences for host-related odors in the larval parasitoid <i>Cotesia marginiventris</i> (Cresson) (Hymenoptera: Braconidae). <i>Journal of Chemical Ecology</i> , 1990 , 16, 1577-89	2.7	89
108	Chemically mediated host finding by <i>Biosteres</i> (<i>Opius</i>) <i>longicaudatus</i> , a parasitoid of tephritid fruit fly larvae. <i>Journal of Chemical Ecology</i> , 1977 , 3, 189-195	2.7	86
107	Identification and Synthesis of Volicitin and Related Components from Beet Armyworm Oral Secretions. <i>Journal of Chemical Ecology</i> , 2000 , 26, 203-220	2.7	85
106	Innervation and neural regulation of the sex pheromone gland in female <i>Heliothis</i> moths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 4971-5	11.5	80
105	Identification of a sex pheromone of <i>Heliothis subflexa</i> (GN.) (Lepidoptera: Noctuidae) and field trapping studies using different blends of components. <i>Journal of Chemical Ecology</i> , 1981 , 7, 1011-22	2.7	78
104	Enzymatic decomposition of elicitors of plant volatiles in <i>Heliothis virescens</i> and <i>Helicoverpa zea</i> . <i>Journal of Insect Physiology</i> , 2001 , 47, 749-757	2.4	74
103	Terminal steps in pheromone biosynthesis by <i>Heliothis virescens</i> and <i>H. zea</i> . <i>Journal of Chemical Ecology</i> , 1986 , 12, 353-66	2.7	72
102	Attraction of Colorado Potato Beetle (Coleoptera: Chrysomelidae) to Damaged and Chemically Induced Potato Plants. <i>Environmental Entomology</i> , 1999 , 28, 973-978	2.1	70
101	Trans-sexually grafted antennae alter pheromone-directed behaviour in a moth. <i>Nature</i> , 1986 , 323, 801-3	30.4	70
100	Analytical and Preparative Separation of Geometrical Isomers by High Efficiency Silver Nitrate Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 1977 , 15, 10-13	1.4	69
99	Extrafloral nectar from cotton (<i>Gossypium hirsutum</i>) as a food source for parasitic wasps. <i>Functional Ecology</i> , 2006 , 20, 67-74	5.6	67
98	Neural regulation of sex pheromone biosynthesis in <i>Heliothis</i> moths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 2488-92	11.5	67
97	Multitrophic interaction facilitates parasite-host relationship between an invasive beetle and the honey bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8374-8	11.5	66
96	Sex pheromone of fall armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith) : Identification of components critical to attraction in the field. <i>Journal of Chemical Ecology</i> , 1986 , 12, 1909-26	2.7	66
95	The Poison Sac of Red Imported Fire Ant Queens: Source of a Pheromone Attractant. <i>Annals of the Entomological Society of America</i> , 1980 , 73, 609-612	2	65

94	Differential activity and degradation of plant volatile elicitors in regurgitant of tobacco hornworm (<i>Manduca sexta</i>) larvae. <i>Journal of Chemical Ecology</i> , 2003 , 29, 1357-72	2.7	64
93	Beneficial arthropod behavior mediated by airborne semiochemicals : III. Influence of age and experience on flight chamber responses of <i>Microplitis demolitor wilkinson</i> . <i>Journal of Chemical Ecology</i> , 1988 , 14, 1583-96	2.7	63
92	Beneficial Arthropod Behavior Mediated by Airborne Semiochemicals: Source of Volatiles Mediating the Host-Location Flight Behavior of <i>Microplitis croceipes</i> (Cresson) (Hymenoptera: Braconidae), a Parasitoid of <i>Heliothis zea</i> (Boddie) (Lepidoptera: Noctuidae)1. <i>Environmental Entomology</i> , 1988 , 17, 745-753	2.1	61
91	Rapid biosynthesis of N-linolenoyl-L-glutamine, an elicitor of plant volatiles, by membrane-associated enzyme(s) in <i>Manduca sexta</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 7027-32	11.5	60
90	Identification of a female-produced sex pheromone of the western corn rootworm. <i>Journal of Chemical Ecology</i> , 1982 , 8, 545-56	2.7	60
89	(Z,E)-9,12-Tetradecadien-1-ol: A Chemical Released by Female <i>Plodia interpunctella</i> That Inhibits the Sex Pheromone Response of Male <i>Cadra cautella</i> . <i>Environmental Entomology</i> , 1974 , 3, 120-122	2.1	60
88	Prediction of release ratios of multicomponent pheromones from rubber septa. <i>Journal of Chemical Ecology</i> , 1986 , 12, 2133-43	2.7	59
87	Beneficial arthropod behavior mediated by airborne semiochemicals. II. Olfactometric studies of host location by the parasitoid <i>Microplitis croceipes</i> (Cresson) (Hymenoptera: Braconidae). <i>Journal of Chemical Ecology</i> , 1988 , 14, 425-34	2.7	57
86	Novel visual-cue-based sticky traps for monitoring of emerald ash borers, <i>Agrilus planipennis</i> (Col., Buprestidae). <i>Journal of Applied Entomology</i> , 2008 , 132, 668-674	1.7	51
85	Analysis, synthesis, formulation, and field testing of three major components of male mediterranean fruit fly pheromone. <i>Journal of Chemical Ecology</i> , 1991 , 17, 1925-40	2.7	51
84	Perception of Z-7-dodecen-1-ol and Modification of the Sex Pheromone Response of Male Loopers. <i>Environmental Entomology</i> , 1974 , 3, 677-680	2.1	51
83	The role of alcohols in pheromone biosynthesis by two noctuid moths that use acetate pheromone components. <i>Archives of Insect Biochemistry and Physiology</i> , 1987 , 4, 261-269	2.3	50
82	Identification of a female-produced sex pheromone from the southern corn rootworm, <i>Diabrotica undecimpunctata howardi</i> Barber. <i>Journal of Chemical Ecology</i> , 1983 , 9, 1363-75	2.7	49
81	Application of chemical ionization mass spectrometry of epoxides to the determination of olefin position in aliphatic chains. <i>Analytical Chemistry</i> , 1974 , 46, 1309-1312	7.8	49
80	Cis -7-Dodecen-1-ol, a Potent Inhibitor of the Cabbage Looper 1 Sex Pheromone 2. <i>Environmental Entomology</i> , 1972 , 1, 354-358	2.1	49
79	Comparisons and Contrasts in Host-Foraging Strategies of Two Larval Parasitoids with Different Degrees of Host Specificity. <i>Journal of Chemical Ecology</i> , 1997 , 23, 1589-1606	2.7	48
78	(Z)-11-HEXADECEN-1-OL: A BEHAVIORAL MODIFYING CHEMICAL PRESENT IN THE PHEROMONE GLAND OF FEMALE <i>HELIOTHIS ZEA</i> (LEPIDOPTERA: NOCTUIDAE). <i>Canadian Entomologist</i> , 1984 , 116, 777-779	0.7	47
77	Pheromonotropic activity of naturally occurring pyrokinin insect neuropeptides (FXPRLamide) in <i>Helicoverpa zea</i> . <i>Peptides</i> , 1995 , 16, 215-9	3.8	46

76	Synthesis of the sex pheromone of the Japanese beetle. <i>Journal of Chemical Ecology</i> , 1980 , 6, 473-485	2.7	45
75	Parasitic wasps learn and report diverse chemicals with unique conditionable behaviors. <i>Chemical Senses</i> , 2003 , 28, 545-9	4.8	42
74	Phenethyl Propionate + Eugenol + Geraniol (3:7:3) and Japonilure: a Highly Effective Joint Lure for Japanese Beetles. <i>Journal of Economic Entomology</i> , 1981 , 74, 665-667	2.2	41
73	Chemically mediated associative learning: An important function in the foraging behavior of <i>Microplitis croceipes</i> (Cresson). <i>Journal of Chemical Ecology</i> , 1991 , 17, 1309-25	2.7	39
72	Analysis of the Reproductive Behavior of <i>Heliothis virescens</i> (F.) under Laboratory Conditions. <i>Annals of the Entomological Society of America</i> , 1981 , 74, 324-330	2	39
71	Isolation, identification, and biosynthesis of compounds produced by male hairpencil glands of <i>Heliothis virescens</i> (F.) (Lepidoptera: Noctuidae). <i>Journal of Chemical Ecology</i> , 1989 , 15, 413-27	2.7	38
70	Pheromone biosynthesis activating neuropeptides: functions and chemistry. <i>Peptides</i> , 1996 , 17, 337-44	3.8	35
69	Effect of host diet and preflight experience on the flight responses of <i>Microplitis croceipes</i> (Cresson). <i>Physiological Entomology</i> , 1992 , 17, 235-240	1.9	35
68	Identification of a sex pheromone produced by female velvetbean caterpillar moth. <i>Journal of Chemical Ecology</i> , 1983 , 9, 645-56	2.7	35
67	Japanese beetle (Coleoptera: Scarabaeidae) : Response to synthetic sex attractant plus phenethyl propionate: Eugenol. <i>Journal of Chemical Ecology</i> , 1981 , 7, 1-7	2.7	35
66	Properties of cuticular oxidases used for sex pheromone biosynthesis by <i>Heliothis zea</i> . <i>Journal of Chemical Ecology</i> , 1988 , 14, 2131-45	2.7	34
65	Field Evaluation of Commercial Pheromone Formulations and Traps Using a More Effective Sex Pheromone Blend for the Fall Armyworm (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 1985 , 78, 1364-1369	2.2	34
64	Response of <i>Diabrotica virgifera virgifera</i> , <i>D. v. Zeae</i> , and <i>D. porracea</i> to stereoisomers of 8-methyl-2-decyl propanoate. <i>Journal of Chemical Ecology</i> , 1984 , 10, 1123-31	2.7	33
63	Response of northern corn rootworm, <i>Diabrotica barberi</i> Smith and Lawrence, to stereoisomers of 8-methyl-2-decyl propanoate. <i>Journal of Chemical Ecology</i> , 1985 , 11, 21-6	2.7	32
62	Sex pheromone of the white peach scale: highly stereoselective synthesis of the stereoisomers of pentagonol propionate. <i>Journal of Organic Chemistry</i> , 1980 , 45, 2910-2912	4.2	32
61	Constituents of the Cotton Bud. Sesquiterpene Hydrocarbons. <i>Journal of Agricultural and Food Chemistry</i> , 1966 , 14, 332-336	5.7	31
60	Determination of double bond position in conjugated dienes by chemical ionization mass spectrometry with isobutane. <i>Analytical Chemistry</i> , 1985 , 57, 1625-1630	7.8	30
59	Emission of herbivore elicitor-induced sesquiterpenes is regulated by stomatal aperture in maize (<i>Zea mays</i>) seedlings. <i>Plant, Cell and Environment</i> , 2015 , 38, 23-34	8.4	28

58	Field tests of synthetic <i>Manduca sexta</i> sex pheromone. <i>Journal of Chemical Ecology</i> , 1994 , 20, 579-91	2.7	28
57	Phenogram Based on Allozymes and Its Relationship to Classical Biosystematics and Pheromone Structure among Eleven <i>Diabrotica</i> (Coleoptera: Chrysomelidae). <i>Annals of the Entomological Society of America</i> , 1989 , 82, 574-581	2	28
56	Endogenous suppression of pheromone production in virgin female moths. <i>Experientia</i> , 1990 , 46, 1047-1050		28
55	Host-specific recognition kairomone for the parasitoid <i>Microplitis croceipes</i> (Cresson). <i>Journal of Chemical Ecology</i> , 1995 , 21, 1697-708	2.7	27
54	Response of Male Clearwing Moths 1 to Caged Virgin Females, Female Extracts, and Synthetic Sex Attractants 23. <i>Environmental Entomology</i> , 1975 , 4, 451-454	2.1	27
53	A Sex Pheromone for the Soybean Looper 1, 2. <i>Environmental Entomology</i> , 1972 , 1, 466-468	2.1	27
52	Potential for the separation of insect pheromones by gas chromatography on columns coated with cholesteryl cinnamate, a liquid-crystal phase. <i>Journal of High Resolution Chromatography</i> , 1979 , 2, 712-714		26
51	Isolation and Identification, Constituents of Cotton Bud. Terpene Hydrocarbons. <i>Journal of Agricultural and Food Chemistry</i> , 1965 , 13, 599-602	5.7	26
50	Identification of female-produced sex pheromone from banded cucumber beetle, <i>Diabrotica balteata</i> leconte (Coleoptera: Chrysomelidae). <i>Journal of Chemical Ecology</i> , 1987 , 13, 1601-16	2.7	25
49	Contemporary frontiers in insect semiochemical research. <i>Journal of Chemical Ecology</i> , 1988 , 14, 2109-30	2.7	25
48	Sex Pheromone-Based Trapping System for Papaya Fruit Fly (Diptera: Tephritidae) 1. <i>Journal of Economic Entomology</i> , 1988 , 81, 1163-1169	2.2	25
47	Structure elucidation of insect pheromones by microanalytical methods. <i>Journal of Chemical Ecology</i> , 1976 , 2, 87-99	2.7	25
46	A SEX ATTRACTANT OF THE OLIVE FRUIT FLY, <i>DACUS OLEAE</i> AND ITS BIOLOGICAL ACTIVITY UNDER LABORATORY AND FIELD CONDITIONS. <i>Entomologia Experimentalis Et Applicata</i> , 1977 , 21, 81-87	2.1	25
45	Interactions Between <i>Microplitis croceipes</i> (Hymenoptera: Braconidae) and a Nuclear Polyhedrosis Virus of <i>Heliothis zea</i> (Lepidoptera: Noctuidae). <i>Environmental Entomology</i> , 1988 , 17, 977-982	2.1	24
44	Identification of the white peach scale sex pheromone. <i>Journal of Chemical Ecology</i> , 1979 , 5, 941-953	2.7	24
43	Chemical communication in heliothine moths. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1995 , 177, 527	2.3	23
42	Epidermal Glands in Terminal Abdominal Segments of Female <i>Heliothis virescens</i> (F.) (Lepidoptera: Noctuidae). <i>Annals of the Entomological Society of America</i> , 1983 , 76, 242-247	2	22
41	Field evidence of synergism and inhibition in the sesiidae sex pheromone system. <i>Journal of Chemical Ecology</i> , 1977 , 3, 57-64	2.7	22

40	Visual and chemical cues affecting the detection rate of the emerald ash borer in sticky traps. <i>Journal of Applied Entomology</i> , 2013 , 137, 77-87	1.7	21
39	Analysis of Chemical Communications Systems of Lepidoptera. <i>ACS Symposium Series</i> , 1982 , 1-25	0.4	20
38	Correlation of retention times on liquid crystal capillary column with reported vapor pressures and half-lives of compounds used in pheromone formulations. <i>Journal of Chemical Ecology</i> , 1986 , 12, 2081-8	2.7	19
37	Response to pheromone traps and disruption of pheromone communication in the lesser peachtree borer and the peachtree borer (Lepidoptera: Sesiidae). <i>Journal of Chemical Ecology</i> , 1976 , 2, 73-81	2.7	19
36	Identification of volatile sex pheromone components released by the southern armyworm, <i>Spodoptera eridania</i> (Cramer). <i>Journal of Chemical Ecology</i> , 1985 , 11, 717-25	2.7	18
35	Attractivity of 3.13-octadecadien-1-01 acetates to the male clearwing moth <i>Synanthedon myopaeformis</i> (Borkhausen) (Lepidoptera, Sesiidae). <i>Entomologia Experimentalis Et Applicata</i> , 1978 , 23, 301-304	2.1	18
34	Constituents of the cotton bud. Carbonyl compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1967 , 15, 517-524	5.7	17
33	Lesser Peachtree Borer: 1 Influence of Trap Height, Substrates, Concentration, and Trap Design on Capture of Male Moths with Females and with a Synthetic Pheromone 2. <i>Environmental Entomology</i> , 1976 , 5, 417-420	2.1	16
32	Attractivity of Pheromone Blends to Male Peachtree Borer, <i>Synanthedon exitiosa</i> 1234. <i>Environmental Entomology</i> , 1978 , 7, 1-3	2.1	16
31	Beneficial arthropod behavior mediated by airborne semiochemicals. IX. Differential response of <i>Trichogramma pretiosum</i> , an egg parasitoid of <i>Heliothis zea</i> , to various olfactory cues. <i>Journal of Chemical Ecology</i> , 1990 , 16, 3531-44	2.7	15
30	Responses of <i>Diabrotica lemniscata</i> and <i>D. longicornis</i> (Coleoptera: Chrysomelidae) to Stereoisomers of 8-methyl-2-decyl-propanoate and Studies on the Pheromone of <i>D. longicornis</i> . <i>Annals of the Entomological Society of America</i> , 1986 , 79, 742-746	2	15
29	Analysis and field evaluation of volatile blend emitted by calling virgin females of beet armyworm moth, <i>Spodoptera exigua</i> (Hübner). <i>Journal of Chemical Ecology</i> , 1990 , 16, 3411-23	2.7	14
28	Sex pheromone of <i>Manduca sexta</i> (L) Stereoselective synthesis of (10E,12E,14Z)-10,12,14-Hexadecatrilene and Isomers. <i>Journal of Chemical Ecology</i> , 1990 , 16, 1131-53	2.7	14
27	Responses of male green June beetles <i>Cotinis nitida</i> (L.) (Coleoptera: Scarabaeidae) to female volatiles in a flight tunnel. <i>Journal of Insect Behavior</i> , 1990 , 3, 271-276	1.1	13
26	Reaction chromatography. I. Gas-liquid-thin-layer chromatographic derivatization technique for the identification of carbonyl compounds. <i>Journal of Chromatography A</i> , 1967 , 29, 80-7	4.5	13
25	Plant production of volatile semiochemicals in response to insect-derived elicitors. <i>Novartis Foundation Symposium</i> , 1999 , 223, 95-105; discussion 105-9, 160-5		13
24	The integral role of triacyl glycerols in the biosynthesis of the aldehydic sex pheromones of <i>Manduca sexta</i> (L). <i>Bioorganic and Medicinal Chemistry</i> , 1996 , 4, 451-60	3.4	12
23	Stereospecific Sex Attractant for <i>Diabrotica cristata</i> (Harris) (Coleoptera: Chrysomelidae) 1. <i>Environmental Entomology</i> , 1983 , 12, 1296-1297	2.1	12

22	Heliiothis virescens: Attraction of males to blends of (Z)-9-tetradecen-1-ol formate and (Z)-9-tetradecenal. <i>Journal of Chemical Ecology</i> , 1978 , 4, 709-716	2.7	12
21	An Attractant for Males of Spodoptera dolichos (Lepidoptera: Noctuidae). <i>Annals of the Entomological Society of America</i> , 1973 , 66, 917-918	2	12
20	Sex Attractants for Sequoia Pitch Moth and Strawberry Crown Moth 12. <i>Environmental Entomology</i> , 1978 , 7, 544-546	2.1	11
19	Techniques for Purifying, Analyzing, and Identifying Pheromones. <i>Springer Series in Experimental Entomology</i> , 1984 , 287-322		11
18	Seasonal Distribution of the Lesser Peachtree Borer 1 in Central Georgia 2 as Monitored by Pupal Skin Counts and Pheromone Trapping Techniques. <i>Environmental Entomology</i> , 1977 , 6, 203-206	2.1	9
17	Seasonal Occurrence of Male Sesiidae in North Central Florida Determined with Pheromone Trapping Methods. <i>Florida Entomologist</i> , 1978 , 61, 245	1	8
16	Reaction chromatography. II. Gas-liquid-thin-layer chromatographic derivatization technique for the identification of alcohols. <i>Journal of Chromatography A</i> , 1967 , 29, 88-93	4.5	8
15	Sex pheromone components of the beet armyworm, spodoptera exigua. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1981 , 16, 189-200		7
14	A Field Cage Bioassay System for Testing Candidate Sex Pheromones of the Tobacco Budworm,,,,. <i>Annals of the Entomological Society of America</i> , 1974 , 67, 547-552	2	7
13	Beetles: Pheromonal Chemists par Excellence. <i>ACS Symposium Series</i> , 1985 , 367-380	0.4	6
12	Tobacco Budworm: 1 Production, Collection, and Use of Natural Pheromone in Field Traps 3. <i>Environmental Entomology</i> , 1974 , 3, 711-713	2.1	6
11	Absence of Synergism in the Response of Florida Lesser Peachtree Borer Males to Synthetic Sex Pheromone. <i>Florida Entomologist</i> , 1977 , 60, 27	1	5
10	A simple terminator for high efficiency liquid chromatography columns. <i>Journal of High Resolution Chromatography</i> , 1978 , 1, 317-319		5
9	Field Response of Feral Male Banded Cucumber Beetles to the Sex Pheromone 6,12-Dimethylpentadecan-2-One. <i>Florida Entomologist</i> , 1990 , 73, 292	1	4
8	Extraction and Field Bioassay of the Sex Pheromone of the Lesser Peachtree Borer. <i>Environmental Entomology</i> , 1974 , 3, 569-570	2.1	4
7	Enzyme-Catalyzed Pheromone Synthesis by Heliiothis Moths. <i>ACS Symposium Series</i> , 1989 , 332-343	0.4	3
6	Velvetbean Caterpillar: Response of Males to Virgin Females and Pheromone in the Laboratory and Field. <i>Florida Entomologist</i> , 1981 , 64, 528	1	3
5	Manipulating Complexes of Insect Pests with Various Combinations of Behavior-Modifying Chemicals. <i>ACS Symposium Series</i> , 1976 , 53-66	0.4	3

4	Seasonal Abundance of <i>Synanthedon pictipes</i> and <i>S. exitiosa</i> in North Central Florida 12. <i>Environmental Entomology</i> , 1978 , 7, 589-591	2.1	3
3	Comparative laboratory methods for assaying behavioral responses of <i>Rhagoletis pomonella</i> flies to host marking pheromone. <i>Journal of Applied Entomology</i> , 1988 , 106, 437-443	1.7	2
2	Asymmetric Synthesis of Selected Insect Pheromones. <i>ACS Symposium Series</i> , 1987 , 388-400	0.4	0
1	Lesser Peachtree Borer : Recovery of Marked Native Males in Pheromone Baited Traps. <i>Environmental Entomology</i> , 1979 , 8, 218-220	2.1	