J H Tumlinson

List of Publications by Year in Descending Order

147 papers	14,736 citations	59 h-index	120 g-index
153 ext. papers	15,705 ext. citations	6.9 avg, IF	5.96 L-index

#	Paper	IF	Citations
147	Emission of herbivore elicitor-induced sesquiterpenes is regulated by stomatal aperture in maize (Zea mays) seedlings. *Plant, Cell and Environment*, **2015**, 38, 23-34	8.4	28
146	Visual and chemical cues affecting the detection rate of the emerald ash borer in sticky traps. *Journal of Applied Entomology*, **2013**, 137, 77-87	1.7	21
145	Phytohormone-based activity mapping of insect herbivore-produced elicitors. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 653-7	11.5	205
144	Novel visual-cue-based sticky traps for monitoring of emerald ash borers, Agrilus planipennis (Col., Buprestidae). *Journal of Applied Entomology*, **2008**, 132, 668-674	1.7	51
143	Disulfooxy fatty acids from the American bird grasshopper Schistocerca americana, elicitors of plant volatiles. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 12976-81	11.5	182
142	Multitrophic interaction facilitates parasite-host relationship between an invasive beetle and the honey bee. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 8374-8	11.5	66
141	Extrafloral nectar from cotton (Gossypium hirsutum) as a food source for parasitic wasps. *Functional Ecology*, **2006**, 20, 67-74	5.6	67
140	Airborne signals prime plants against insect herbivore attack. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 1781-5	11.5	627
139	Parasitic wasps learn and report diverse chemicals with unique conditionable behaviors. *Chemical Senses*, **2003**, 28, 545-9	4.8	42
138	Differential activity and degradation of plant volatile elicitors in regurgitant of tobacco hornworm (Manduca sexta) larvae. *Journal of Chemical Ecology*, **2003**, 29, 1357-72	2.7	64
137	Rapid biosynthesis of N-linolenoyl-L-glutamine, an elicitor of plant volatiles, by membrane-associated enzyme(s) in Manduca sexta. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 7027-32	11.5	60
136	Simultaneous analysis of phytohormones, phytotoxins, and volatile organic compounds in plants. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 10552-7	11.5	280
135	The influence of intact-plant and excised-leaf bioassay designs on volicitin- and jasmonic acid-induced sesquiterpene volatile release in Zea mays. *Planta*, **2001**, 214, 171-9	4.7	148
134	Caterpillar-induced nocturnal plant volatiles repel conspecific females. *Nature*, **2001**, 410, 577-80	50.4	738
133	Enzymatic decomposition of elicitors of plant volatiles in Heliothis virescens and Helicoverpa zea. *Journal of Insect Physiology*, **2001**, 47, 749-757	2.4	74
132	Identification and Synthesis of Volicitin and Related Components from Beet Armyworm Oral Secretions. *Journal of Chemical Ecology*, **2000**, 26, 203-220	2.7	85
131	An herbivore elicitor activates the gene for indole emission in maize. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 14801-6	11.5	222

130	Attraction of Colorado Potato Beetle (Coleoptera: Chrysomelidae) to Damaged and Chemically Induced Potato Plants. *Environmental Entomology*, **1999**, 28, 973-978	2.1	70
129	Plant production of volatile semiochemicals in response to insect-derived elicitors. *Novartis Foundation Symposium*, **1999**, 223, 95-105; discussion 105-9, 160-5		13
128	Herbivore-infested plants selectively attract parasitoids. *Nature*, **1998**, 393, 570-573	50.4	1009
127	Concerted biosynthesis of an insect elicitor of plant volatiles. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 13971-5	11.5	139
126	A total system approach to sustainable pest management. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 12243-8	11.5	388
125	De Novo Biosynthesis of Volatiles Induced by Insect Herbivory in Cotton Plants. *Plant Physiology*, **1997**, 114, 1161-1167	6.6	373
124	An Elicitor of Plant Volatiles from Beet Armyworm Oral Secretion. *Science*, **1997**, 276, 945-949	33.3	775
123	Induced synthesis of plant volatiles. *Nature*, **1997**, 385, 30-31	50.4	194
122	Comparisons and Contrasts in Host-Foraging Strategies of Two Larval Parasitoids with Different Degrees of Host Specificity. *Journal of Chemical Ecology*, **1997**, 23, 1589-1606	2.7	48
121	Volatile Semiochemicals Released from Undamaged Cotton Leaves (A Systemic Response of Living Plants to Caterpillar Damage). *Plant Physiology*, **1996**, 111, 487-495	6.6	243
120	Pheromone biosynthesis activating neuropeptides: functions and chemistry. *Peptides*, **1996**, 17, 337-44	3.8	35
119	The integral role of triacyl glycerols in the biosynthesis of the aldehydic sex pheromones of Manduca sexta (L). *Bioorganic and Medicinal Chemistry*, **1996**, 4, 451-60	3.4	12
118	Host-specific recognition kairomone for the parasitoidMicroplitis croceipes (Cresson). *Journal of Chemical Ecology*, **1995**, 21, 1697-708	2.7	27
117	Chemical communication in heliothine moths. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, **1995**, 177, 527	2.3	23
116	Pheromonotropic activity of naturally occurring pyrokinin insect neuropeptides (FXPRLamide) in Helicoverpa zea. *Peptides*, **1995**, 16, 215-9	3.8	46
115	How caterpillar-damaged plants protect themselves by attracting parasitic wasps. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 4169-74	11.5	565
114	The chemistry of eavesdropping, alarm, and deceit. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 23-8	11.5	128
113	Volatiles emitted by different cotton varieties damaged by feeding beet armyworm larvae. *Journal of Chemical Ecology*, **1995**, 21, 1217-27	2.7	234

112	Herbivore-induced volatile emissions from cotton (Gossypium hirsutum L.) seedlings. *Journal of Chemical Ecology*, **1994**, 20, 3039-50	2.7	129
111	Field tests of syntheticManduca sexta sex pheromone. *Journal of Chemical Ecology*, **1994**, 20, 579-91	2.7	28
110	Diurnal cycle of emission of induced volatile terpenoids by herbivore-injured cotton plant. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 11836-40	11.5	324
109	An elicitor in caterpillar oral secretions that induces corn seedlings to emit chemical signals attractive to parasitic wasps. *Journal of Chemical Ecology*, **1993**, 19, 411-25	2.7	244
108	Systemic release of chemical signals by herbivore-injured corn. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 8399-402	11.5	323
107	Effect of host diet and preflight experience on the flight responses of Microplitis croceipes (Cresson). *Physiological Entomology*, **1992**, 17, 235-240	1.9	35
106	Innervation and neural regulation of the sex pheromone gland in female Heliothis moths. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 4971-5	11.5	80
105	Larval-damaged plants: source of volatile synomones that guide the parasitoid Cotesia marginiventris to the micro-habitat of its hosts. *Entomologia Experimentalis Et Applicata*, **1991**, 58, 75-82	2.1	123
104	Chemically mediated associative learning: An important function in the foraging behavior ofMicroplitis croceipes (Cresson). *Journal of Chemical Ecology*, **1991**, 17, 1309-25	2.7	39
103	Isolation and identification of allelochemicals that attract the larval parasitoid,Cotesia marginiventris (Cresson), to the microhabitat of one of its hosts. *Journal of Chemical Ecology*, **1991**, 17, 2235-51	2.7	252
102	Analysis, synthesis, formulation, and field testing of three major components of male mediterranean fruit fly pheromone. *Journal of Chemical Ecology*, **1991**, 17, 1925-40	2.7	51
101	Responses of male green June beetlesCotinis nitida (L.) (Coleoptera: Scarabaeidae) to female volatiles in a flight tunnel. *Journal of Insect Behavior*, **1990**, 3, 271-276	1.1	13
100	Endogenous suppression of pheromone production in virgin female moths. *Experientia*, **1990**, 46, 1047-1050		28
99	Analysis and field evaluation of volatile blend emitted by calling virgin females of beet armyworm moth,Spodoptera exigua (Hübner). *Journal of Chemical Ecology*, **1990**, 16, 3411-23	2.7	14
98	Beneficial arthropod behavior mediated by airborne semiochemicals. IX. Differential response ofTrichogramma pretiosum, an egg parasitoid ofHeliothis zea, to various olfactory cues. *Journal of Chemical Ecology*, **1990**, 16, 3531-44	2.7	15
97	How contact foraging experiences affect preferences for host-related odors in the larval parasitoidCotesia marginiventris (Cresson) (Hymenoptera: Braconidae). *Journal of Chemical Ecology* , **1990**, 16, 1577-89	2.7	89
96	Sex pheromone ofManduca Sexta (L) Stereoselective synthesis of (10E,12E,14Z)-10,12,14-Hexadecatrienal and Isomers. *Journal of Chemical Ecology*, **1990**, 16, 1131-53	2.7	14
95	Variations in Parasitoid Foraging Behavior: Essential Element of a Sound Biological Control Theory. *Environmental Entomology*, **1990**, 19, 1183-1193	2.1	142

94	Field Response of Feral Male Banded Cucumber Beetles to the Sex Pheromone 6,12-Dimethylpentadecan-2-One. *Florida Entomologist*, **1990**, 73, 292	1	4
93	Exploitation of herbivore-induced plant odors by host-seeking parasitic wasps. *Science*, **1990**, 250, 1251-3	33.3	1322
92	Enzyme-Catalyzed Pheromone Synthesis by Heliothis Moths. *ACS Symposium Series*, **1989**, 332-343	0.4	3
91	Isolation, identification, and biosynthesis of compounds produced by male hairpencil glands ofHeliothis virescens (F.) (Lepidoptera: Noctuidae). *Journal of Chemical Ecology*, **1989**, 15, 413-27	2.7	38
90	Phenogram Based on Allozymes and Its Relationship to Classical Biosystematics and Pheromone Structure among Eleven Diabroticites (Coleoptera: Chrysomelidae). *Annals of the Entomological Society of America*, **1989**, 82, 574-581	2	28
89	Neural regulation of sex pheromone biosynthesis in Heliothis moths. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 2488-92	11.5	67
88	Comparative laboratory methods for assaying behavioral responses of Rhagoletis pomonella flies to host marking pheromone. *Journal of Applied Entomology*, **1988**, 106, 437-443	1.7	2
87	Beneficial arthropod behavior mediated by airborne semiochemicals : III. Influence of age and experience on flight chamber responses ofMicroplitis demolitor wilkinson. *Journal of Chemical Ecology*, **1988**, 14, 1583-96	2.7	63
86	Beneficial arthropod behavior mediated by airborne semiochemicals : IV. Influence of host diet on host-oriented flight chamber responses ofMicroplitis demolitor Wilkinson. *Journal of Chemical Ecology*, **1988**, 14, 1597-606	2.7	100
85	Beneficial arthropod behavior mediated by airborne semiochemicals : V. Influence of rearing method, host plant, and adult experience on host-searching behavior ofMicroplitis croceipes (Cresson), a larval parasitoid ofHeliothis. *Journal of Chemical Ecology*, **1988**, 14, 1607-16	2.7	92
84	Beneficial arthropod behavior mediated by airborne semiochemicals. II. Olfactometric studies of host location by the parasitoidMicroplitis croceipes (Cresson) (Hymenoptera: Braconidae). *Journal of Chemical Ecology*, **1988**, 14, 425-34	2.7	57
83	Contemporary frontiers in insect semiochemical research. *Journal of Chemical Ecology*, **1988**, 14, 2109-30	2.7	25
82	Properties of cuticular oxidases used for sex pheromone biosynthesis byHeliothis zea. *Journal of Chemical Ecology*, **1988**, 14, 2131-45	2.7	34
81	Host detection by chemically mediated associative learning in a parasitic wasp. *Nature*, **1988**, 331, 257-259	50.4	256
80	Interactions Between Microplitis croceipes (Hymenoptera: Braconidae) and a Nuclear Polyhedrosis Virus of Heliothis zea (Lepidoptera: Noctuidae). *Environmental Entomology*, **1988**, 17, 977-982	2.1	24
79	Beneficial Arthropod Behavior Mediated by Airborne Semiochemicals: Source of Volatiles Mediating the Host-Location Flight Behavior of Microplitis croceipes (Cresson) (Hymenoptera: Braconidae), a Parasitoid of Heliothis zea (Boddie) (Lepidoptera: Noctuidae)1. *Environmental Entomology*, **1988**, 17, 745-753	2.1	61
78	Sex Pheromone-Based Trapping System for Papaya Fruit Fly (Diptera: Tephritidae)1. *Journal of Economic Entomology*, **1988**, 81, 1163-1169	2.2	25
77	Asymmetric Synthesis of Selected Insect Pheromones. *ACS Symposium Series*, **1987**, 388-400	0.4	0

76	Chemical mimicry: bolas spiders emit components of moth prey species sex pheromones. *Science*, **1987**, 236, 964-7	33.3	92
75	Identification of female-produced sex pheromone from banded cucumber beetle,Diabrotica balteata leconte (Coleoptera: Chrysomelidae). *Journal of Chemical Ecology*, **1987**, 13, 1601-16	2.7	25
74	The role of alcohols in pheromone biosynthesis by two noctuid moths that use acetate pheromone components. *Archives of Insect Biochemistry and Physiology*, **1987**, 4, 261-269	2.3	50
73	Sex pheromone of fall armyworm,Spodoptera frugiperda (J.E. Smith) : Identification of components critical to attraction in the field. *Journal of Chemical Ecology*, **1986**, 12, 1909-26	2.7	66
72	Correlation of retention times on liquid crystal capillary column with reported vapor pressures and half-lives of compounds used in pheromone formulations. *Journal of Chemical Ecology*, **1986**, 12, 2081-8	2.7	19
71	Chemical and behavioral analyses of volatile sex pheromone components released by callingHeliothis virescens (F.) females (Lepidoptera: Noctuidae). *Journal of Chemical Ecology*, **1986**, 12, 107-26	2.7	108
70	Prediction of release ratios of multicomponent pheromones from rubber septa. *Journal of Chemical Ecology*, **1986**, 12, 2133-43	2.7	59
69	Terminal steps in pheromone biosynthesis byHeliothis virescens andH. zea. *Journal of Chemical Ecology*, **1986**, 12, 353-66	2.7	72
68	Trans-sexually grafted antennae alter pheromone-directed behaviour in a moth. *Nature*, **1986**, 323, 801-3	50.4	70
67	Responses of Diabrotica lemniscata and D. longicornis (Coleoptera: Chrysomelidae) to Stereoisomers of 8-methyl-2-decyl-propanoate and Studies on the Pheromone of D. longicornis. *Annals of the Entomological Society of America*, **1986**, 79, 742-746	2	15
66	Response of northern corn rootworm,Diabrotica barberi Smith and Lawrence, to stereoisomers of 8-methyl-2-decyl propanoate. *Journal of Chemical Ecology*, **1985**, 11, 21-6	2.7	32
65	Identification of volatile sex pheromone components released by the southern armyworm,Spodoptera eridania (Cramer). *Journal of Chemical Ecology*, **1985**, 11, 717-25	2.7	18
64	Beetles: Pheromonal Chemists par Excellence. *ACS Symposium Series*, **1985**, 367-380	0.4	6
63	Determination of double bond position in conjugated dienes by chemical ionization mass spectrometry with isobutane. *Analytical Chemistry*, **1985**, 57, 1625-1630	7.8	30
62	Field Evaluation of Commercial Pheromone Formulations and Traps Using a More Effective Sex Pheromone Blend for the Fall Armyworm (Lepidoptera: Noctuidae). *Journal of Economic Entomology*, **1985**, 78, 1364-1369	2.2	34
61	(Z)-11-HEXADECEN-1-OL: A BEHAVIORAL MODIFYING CHEMICAL PRESENT IN THE PHEROMONE GLAND OF FEMALE HELIOTHIS ZEA (LEPIDOPTERA: NOCTUIDAE). *Canadian Entomologist*, **1984**, 116, 777-779	0.7	47
60	Response ofDiabrotica virgifera virgifera, D. v. Zeae, andD. porracea to stereoisomers of 8-methyl-2-decyl propanoate. *Journal of Chemical Ecology*, **1984**, 10, 1123-31	2.7	33
59	Techniques for Purifying, Analyzing, and Identifying Pheromones. *Springer Series in Experimental Entomology*, **1984**, 287-322		11

58	Identification of a sex pheromone produced by female velvetbean caterpillar moth. *Journal of Chemical Ecology*, **1983**, 9, 645-56	2.7	35
57	Identification of a female-produced sex pheromone from the southern corn rootworm,Diabrotica undecimpunctata howardi Barber. *Journal of Chemical Ecology*, **1983**, 9, 1363-75	2.7	49
56	Epidermal Glands in Terminal Abdominal Segments of Female Heliothis virescens (F.) (Lepidoptera: Noctuidae). *Annals of the Entomological Society of America*, **1983**, 76, 242-247	2	22
55	Stereospecific Sex Attractant for Diabrotica cristata (Harris) (Coleoptera: Chrysomelidae)1. *Environmental Entomology*, **1983**, 12, 1296-1297	2.1	12
54	Analysis of Chemical Communications Systems of Lepidoptera. *ACS Symposium Series*, **1982**, 1-25	0.4	20
53	Kairomones and their use for management of entomophagous insects : XIII. Kairomonal activity forTrichogramma spp. of abdominal tips, excretion, and a synthetic sex pheromone blend ofHeliothis zea (Boddie) moths. *Journal of Chemical Ecology*, **1982**, 8, 1323-31	2.7	117
52	Identification of a female-produced sex pheromone of the western corn rootworm. *Journal of Chemical Ecology*, **1982**, 8, 545-56	2.7	60
51	Velvetbean Caterpillar: Response of Males to Virgin Females and Pheromone in the Laboratory and Field. *Florida Entomologist*, **1981**, 64, 528	1	3
50	Phenethyl Propionate + Eugenol + Geraniol (3:7:3) and Japonilure: a Highly Effective Joint Lure for Japanese Beetles. *Journal of Economic Entomology*, **1981**, 74, 665-667	2.2	41
49	Identification of a sex pheromone ofHeliothis subflexa (GN.) (Lepidoptera: Noctuidae) and field trapping studies using different blends of components. *Journal of Chemical Ecology*, **1981**, 7, 1011-22	2.7	78
48	Japanese beetle (Coleoptera: Scarabaeidae) : Response to synthetic sex attractant plus phenethyl propionate: Eugenol. *Journal of Chemical Ecology*, **1981**, 7, 1-7	2.7	35
47	Analysis of the Reproductive Behavior of Heliothis virescens (F.) under Laboratory Conditions. *Annals of the Entomological Society of America*, **1981**, 74, 324-330	2	39
46	Sex pheromone components of the beet armyworm, spodoptera exigua. *Journal of Environmental Science and Health Part A, Environmental Science and Engineering*, **1981**, 16, 189-200		7
45	Synthesis of the sex pheromone of the Japanese beetle. *Journal of Chemical Ecology*, **1980**, 6, 473-485	2.7	45
44	The Poison Sac of Red Imported Fire Ant Queens: Source of a Pheromone Attractant12. *Annals of the Entomological Society of America*, **1980**, 73, 609-612	2	65
43	Sex pheromone of the white peach scale: highly stereoselective synthesis of the stereoisomers of pentagonol propionate. *Journal of Organic Chemistry*, **1980**, 45, 2910-2912	4.2	32
42	Identification of the white peach scale sex pheromone. *Journal of Chemical Ecology*, **1979**, 5, 941-953	2.7	24
41	Lesser Peachtree Borer : Recovery of Marked Native Males in Pheromone Baited Traps. *Environmental Entomology*, **1979**, 8, 218-220	2.1	

40	Potential for the separation of insect pheromones by gas chromatography on columns coated with cholesteryl cinnamate, a liquid-crystal phase. *Journal of High Resolution Chromatography*, **1979**, 2, 712-714		26
39	Heliothis virescens: Attraction of males to blends of (Z)-9-tetradecen-1-ol formate and (Z)-9-tetradecenal. *Journal of Chemical Ecology*, **1978**, 4, 709-716	2.7	12
38	Attractivity of 3.13-octadecadien-1-01 acetates to the male clearwing moth Synanthedon myopaeformis (Borkhausen) (Lepidoptera, Sesiidae). *Entomologia Experimentalis Et Applicata*, **1978**, 23, 301-304	2.1	18
37	A simple terminator for high efficiency liquid chromatography columns. *Journal of High Resolution Chromatography*, **1978**, 1, 317-319		5
36	Seasonal Occurrence of Male Sesiidae in North Central Florida Determined with Pheromone Trapping Methods. *Florida Entomologist*, **1978**, 61, 245	1	8
35	Attractivity of Pheromone Blends to Male Peachtree Borer, Synanthedon exitiosa 1234. *Environmental Entomology*, **1978**, 7, 1-3	2.1	16
34	Sex Attractants for Sequoia Pitch Moth and Strawberry Crown Moth 12. *Environmental Entomology*, **1978**, 7, 544-546	2.1	11
33	Seasonal Abundance of Synanthedon pictipes and S. exitiosa in North Central Florida 12. *Environmental Entomology*, **1978**, 7, 589-591	2.1	3
32	Identification of the female Japanese beetle sex pheromone: inhibition of male response by an enantiomer. *Science*, **1977**, 197, 789-92	33.3	238
31	Analytical and Preparative Separation of Geometrical Isomers by High Efficiency Silver Nitrate Liquid Chromatography. *Journal of Chromatographic Science*, **1977**, 15, 10-13	1.4	69
30	Seasonal Distribution of the Lesser Peachtree Borer 1 in Central Georgia 2 as Monitored by Pupal Skin Counts and Pheromone Trapping Techniques. *Environmental Entomology*, **1977**, 6, 203-206	2.1	9
29	Absence of Synergism in the Response of Florida Lesser Peachtree Borer Males to Synthetic Sex Pheromone. *Florida Entomologist*, **1977**, 60, 27	1	5
28	A SEX ATTRACTANT OF THE OLIVE FRUIT FLY, DACUS OLEAE AND ITS BIOLOGICAL ACTIVITY UNDER LABORATORY AND FIELD CONDITIONS. *Entomologia Experimentalis Et Applicata*, **1977**, 21, 81-87	2.1	25
27	Field evidence of synergism and inhibition in the sesiidae sex pheromone system. *Journal of Chemical Ecology*, **1977**, 3, 57-64	2.7	22
26	Chemically mediated host finding byBiosteres (Opius) longicaudatus, a parasitoid of tephritid fruit fly larvae. *Journal of Chemical Ecology*, **1977**, 3, 189-195	2.7	86
25	Manipulating Complexes of Insect Pests with Various Combinations of Behavior-Modifying Chemicals. *ACS Symposium Series*, **1976**, 53-66	0.4	3
24	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. *Environmental Entomology* , **1976**, 5, 417-420	2.1	16
23	Response to pheromone traps and disruption of pheromone communication in the lesser peachtree borer and the peachtree borer (Lepidoptera: Sesiidae). *Journal of Chemical Ecology*, **1976**, 2, 73-81	2.7	19

22	Structure elucidation of insect pheromones by microanalytical methods. *Journal of Chemical Ecology*, **1976**, 2, 87-99	2.7	25
21	Isolation, identification, and synthesis of the sex pheromone of the tobacco budworm. *Journal of Chemical Ecology*, **1975**, 1, 203-214	2.7	115
20	Response of Male Clearwing Moths 1 to Caged Virgin Females, Female Extracts, and Synthetic Sex Attractants 23. *Environmental Entomology*, **1975**, 4, 451-454	2.1	27
19	Application of chemical ionization mass spectrometry of epoxides to the determination of olefin position in aliphatic chains. *Analytical Chemistry*, **1974**, 46, 1309-1312	7.8	49
18	Tobacco Budworm: 1 Production, Collection, and Use of Natural Pheromone in Field Traps 3. *Environmental Entomology*, **1974**, 3, 711-713	2.1	6
17	Extraction and Field Bioassay of the Sex Pheromone of the Lesser Peachtree Borer. *Environmental Entomology*, **1974**, 3, 569-570	2.1	4
16	A Field Cage Bioassay System for Testing Candidate Sex Pheromones of the Tobacco Budworm,,,. *Annals of the Entomological Society of America*, **1974**, 67, 547-552	2	7
15	(Z,E)-9,12-Tetradecadien-1-ol: A Chemical Released by Female Plodia interpunctella That Inhibits the Sex Pheromone Response of Male Cadra cautella. *Environmental Entomology*, **1974**, 3, 120-122	2.1	60
14	Perception of Z -7-dodecen-1-ol and Modification of the Sex Pheromone Response of Male Loopers. *Environmental Entomology*, **1974**, 3, 677-680	2.1	51
13	Sex pheromones and reproductive isolation of the lesser peachtree borer and the peachtree borer. *Science*, **1974**, 185, 614-6	33.3	128
12	An Attractant for Males of Spodoptera dolichos (Lepidoptera: Noctuidae). *Annals of the Entomological Society of America*, **1973**, 66, 917-918	2	12
11	A Sex Pheromone for the Soybean Looper 1 , 2. *Environmental Entomology*, **1972**, 1, 466-468	2.1	27
10	Cis -7-Dodecen-1-ol, a Potent Inhibitor of the Cabbage Looper 1 Sex Pheromone 2. *Environmental Entomology*, **1972**, 1, 354-358	2.1	49
9	Sex stimulant and attractant in the Indian meal moth and in the almond moth. *Science*, **1971**, 171, 802-4	33.3	109
8	Identification and synthesis of the four compounds comprising the boll weevil sex attractant. *Journal of Organic Chemistry*, **1971**, 36, 2616-2621	4.2	105
7	Identification of the trail pheromone of a leaf-cutting ant, Atta texana. *Nature*, **1971**, 234, 348-9	50.4	115
6	Sex pheromones produced by male boll weevil: isolation, identification, and synthesis. *Science*, **1969**, 166, 1010-2	33.3	264
5	Constituents of the cotton bud. Carbonyl compounds. *Journal of Agricultural and Food Chemistry*, **1967**, 15, 517-524	5.7	17

4	Reaction chromatography. II. Gas-liquid-thin-layer chromatographic derivatization technique for the identification of alcohols. *Journal of Chromatography A*, **1967**, 29, 88-93	4.5	8
3	Reaction chromatography. I. Gas-liquid-thin-layer chromatographic derivatization technique for the identification of carbonyl compounds. *Journal of Chromatography A*, **1967**, 29, 80-7	4.5	13
2	Constituents of the Cotton Bud. Sesquiterpene Hydrocarbons. *Journal of Agricultural and Food Chemistry*, **1966**, 14, 332-336	5.7	31
1	Isolation and Identification, Constituents of Cotton Bud. Terpene Hydrocarbons. *Journal of Agricultural and Food Chemistry*, **1965**, 13, 599-602	5.7	26