

Angel Guerrero

List of Publications by Year in descending order

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128
papers

3,573
citations

159585
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168389
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docs citations

134
times ranked

2979
citing authors

#	ARTICLE	IF	CITATIONS
1	Latest Developments in Insect Sex Pheromone Research and Its Application in Agricultural Pest Management. <i>Insects</i> , 2021, 12, 484.	2.2	60
2	Inhibitory effect of thymol on pheromone-mediated attraction in two pest moth species. <i>Scientific Reports</i> , 2021, 11, 1223.	3.3	5
3	Advances in the use of semiochemicals in integrated pest management: pheromones. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 251-282.	0.2	3
4	Influence of Age, Host Plant and Mating Status in Pheromone Production and New Insights on Perception Plasticity in <i>Tuta absoluta</i> . <i>Insects</i> , 2019, 10, 256.	2.2	9
5	Enantioselective Synthesis and Activity of All Diastereoisomers of (<i>E</i>)-Phytal, a Pheromone Component of the Moroccan Locust, <i>Dociostaurus maroccanus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 72-80.	5.2	8
6	A2A Adenosine Receptor Agonists and their Potential Therapeutic Applications. An Update. <i>Current Medicinal Chemistry</i> , 2018, 25, 3597-3612.	2.4	50
7	New and Convenient Chemoenzymatic Syntheses of (S)-2-Hydroxy-3-octanone, the Major Pheromone Component of <i>Xylotrechus</i> spp., and Its R-Enantiomer. <i>Synthesis</i> , 2017, 49, 1561-1568.	2.3	5
8	Factors influencing aversive learning in the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 57-65.	1.6	6
9	Short-term peripheral sensitization by brief exposure to pheromone components in <i>Spodoptera littoralis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 973-982.	1.6	6
10	Sexual communication in castniid moths: Males mark their territories and appear to bear all chemical burden. <i>PLoS ONE</i> , 2017, 12, e0171166.	2.5	7
11	A temporal comparison of sex-aggregation pheromone gland content and dynamics of release in three members of the <i>ALutzomyia longipalpis</i> (Diptera: Psychodidae) species complex. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006071.	3.0	9
12	Sexual communication in day-flying Lepidoptera with special reference to castniids or "butterfly-moths". <i>Bulletin of Entomological Research</i> , 2016, 106, 421-431.	1.0	19
13	Synthesis, Functional Assays, Electrophysiological Activity, and Field Tests of Pheromone Antagonists of the Tomato Leafminer, <i>Tuta absoluta</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3523-3532.	5.2	10
14	New selective A _{2A} agonists and A ₃ antagonists for human adenosine receptors: synthesis, biological activity and molecular docking studies. <i>MedChemComm</i> , 2015, 6, 1178-1185.	3.4	9
15	Field trapping of the flathead oak borer <i>Coroebus undatus</i> (Coleoptera: Buprestidae) with different traps and volatile lures. <i>Insect Science</i> , 2015, 22, 139-149.	3.0	13
16	Identification and characterization of a fatty acyl reductase from a <i>Spodoptera littoralis</i> female gland involved in pheromone biosynthesis. <i>Insect Molecular Biology</i> , 2015, 24, 82-92.	2.0	24
17	Biosynthetic infochemical communication. <i>Bioinspiration and Biomimetics</i> , 2015, 10, 043001.	2.9	8
18	An Improved and Convenient New Synthesis of the Pheromone Components of the Tomato Leafminer <i>Tuta absoluta</i> . <i>Synthesis</i> , 2015, 47, 961-968.	2.3	10

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19	EAG Responses Increase of <i>Spodoptera littoralis</i> Antennae after a Single Pheromone Pulse. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	5
20	Cuticular and Internal Chemical Composition of Biting Midges Culicoides spp. (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (C 1934578X1400900.	0.5	2
21	Semiochemical and natural product-based approaches to control Spodoptera spp. (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 3.7 29	3.7	29
22	EAG responses increase of <i>Spodoptera littoralis</i> antennae after a single pheromone pulse. Natural Product Communications, 2014, 9, 1099-101.	0.5	3
23	Electrophysiological and behavioural responses of <i>Pityophthorus pubescens</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 3.4 9 (<i>S</i>) <i>verbenone</i> in <i>Pinus radiata</i> (Pinaceae) stands in northern Spain. Pest Management Science, 2013, 69, 40-47.	3.4	9
24	Electrophilic derivatives antagonise pheromone attraction in <i>Cydia pomonella</i> . Pest Management Science, 2013, 69, n/a-n/a.	3.4	2
25	A Tetraene Aldehyde as the Major Sex Pheromone Component of the Prometheus Moth (<i>Callosamia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 13	1.8	13
26	Phytal: A Candidate Sex Pheromone Component of the Moroccan Locust <i>Dociostaurus maroccanus</i> . ChemBioChem, 2013, 14, 1450-1459.	2.6	4
27	Inhibition of the Responses to Sex Pheromone of the Fall Armyworm, <i>Spodoptera frugiperda</i> . Journal of Insect Science, 2013, 13, 1-14.	0.9	11
28	Synthesis of a New Deuterium-Labeled Phytol as a Tool for Biosynthetic Studies. Synthesis, 2012, 44, 862-864.	2.3	2
29	Enzyme Inhibitors in Biorational Approaches for Pest Control. Mini-Reviews in Medicinal Chemistry, 2012, 4, .	2.4	2
30	Mimicking insect signaling: Artificial gland for biosynthesis and release of semiochemicals for communication. , 2012, , .		1
31	Electrophysiological and Behavioral Responses of the Black-Banded Oak Borer, <i>Coroebus florentinus</i> , to Conspecific and Host-Plant Volatiles. Journal of Chemical Ecology, 2012, 38, 378-388.	1.8	30
32	Moths Behaving like Butterflies. Evolutionary Loss of Long Range Attractant Pheromones in Castniid Moths: A <i>Paysandisia archon</i> Model. PLoS ONE, 2012, 7, e29282.	2.5	33
33	Mimicking Insect Communication: Release and Detection of Pheromone, Biosynthesized by an Alcohol Acetyl Transferase Immobilized in a Microreactor. PLoS ONE, 2012, 7, e47751.	2.5	10
34	Pheromone synthesis in a bioreactor coated with anti-adsorption polyelectrolyte multilayer. Biomicrofluidics, 2011, 5, 034102.	2.4	7
35	A Chemoemitter System Mimicking Chemical Communication in Insects. Procedia Computer Science, 2011, 7, 142-143.	2.0	1
36	Enzymatic enantiomeric resolution of phenylethylamines structurally related to amphetamine. Organic and Biomolecular Chemistry, 2011, 9, 8171.	2.8	28

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37	Synthesis of allylic trifluoromethyl ketones and their activity as inhibitors of the sex pheromone of the leopard moth, <i>Zeuzera pyrina</i> L. (Lepidoptera: Cossidae). Pest Management Science, 2011, 67, 956-964.	3.4	9
38	Evidence for (E)-pityol as an aggregation pheromone of Pityophthorus pubescens (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.8	10
39	Reactivity versus steric effects in fluorinated ketones as esterase inhibitors: a quantum mechanical and molecular dynamics study. Journal of Molecular Modeling, 2010, 16, 1753-1764.	1.8	9
40	Sex Pheromone of the Spanish Population of the Beet Armyworm Spodoptera exigua. Journal of Chemical Ecology, 2010, 36, 778-786.	1.8	26
41	EPR/Spinâ€trapping study of free radical intermediates in the photolysis of trifluoromethyl ketones with initiators. Magnetic Resonance in Chemistry, 2010, 48, 198-204.	1.9	11
42	Behavioural and electrophysiological responses of the European corn borer Ostrinia nubilalis to host-plant volatiles and related chemicals. Physiological Entomology, 2010, 35, 354-363.	1.5	34
43	Inhibition of electrophysiological response to the pheromone of the fall armyworm, Spodoptera frugiperda. Journal of Pesticide Sciences, 2010, 35, 23-26.	1.4	5
44	Improved Microwave-Assisted Ring Opening of 1,1,1-Trifluoro-2,3-epoxypropane: Synthesis of New 3-Alkoxy-1,1,1-trifluoropropan-2-ols. Synthesis, 2010, 2010, 3117-3120.	2.3	0
45	New Pheromones and Insect Control Strategies. Vitamins and Hormones, 2010, 83, 493-519.	1.7	52
46	Improved resolution in the acidic and basic region of 2â€DE of insect antennae proteins using hydroxyethyl disulfide. Electrophoresis, 2009, 30, 2613-2616.	2.4	2
47	Pentaâ€deuterated acid precursors in the pheromone biosynthesis of the Egyptian armyworm, <i>Spodoptera littoralis</i> . Journal of Labelled Compounds and Radiopharmaceuticals, 2009, 52, 493-498.	1.0	3
48	Development of an Efficient Pheromone-Based Trapping Method for the Banana Root Borer Cosmopolites sordidus. Journal of Chemical Ecology, 2009, 35, 111-117.	1.8	35
49	Asymmetric synthesis of (R)- and (S)-4-methyloctanoic acids. A new route to chiral fatty acids with remote stereocenters. Tetrahedron: Asymmetry, 2009, 20, 420-424.	1.8	17
50	Expression of differential antennal proteins in males and females of an important crop pest, Sesamia nonagrioides. Insect Biochemistry and Molecular Biology, 2009, 39, 11-19.	2.7	18
51	Development and Biological Activity of a New Antagonist of the Pheromone of the Codling Moth Cydia pomonella. Journal of Agricultural and Food Chemistry, 2009, 57, 8514-8519.	5.2	15
52	Biomimetic insect infochemical communication system. , 2009, , .		14
53	Differential activity of non-fluorinated and fluorinated analogues of the European corn borer pheromone. Chemoecology, 2008, 18, 99-108.	1.1	7
54	Biosynthetic pathways of the pheromone of the Egyptian armyworm <i>Spodoptera littoralis</i> . Physiological Entomology, 2008, 33, 275-290.	1.5	30

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55	Biorational insecticides in pest management. <i>Journal of Pesticide Sciences</i> , 2008, 33, 103-121.	1.4	178
56	Antennal esterase cDNAs from two pest moths, <i>Spodoptera littoralis</i> and <i>Sesamia nonagrioides</i> , potentially involved in odourant degradation. <i>Insect Molecular Biology</i> , 2007, 16, 73-81.	2.0	43
57	Reduction of damage by the Mediterranean corn borer, <i>Sesamia nonagrioides</i> , and the European corn borer, <i>Ostrinia nubilalis</i> , in maize fields by a trifluoromethyl ketone pheromone analog. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 126, 071115163010005-???	1.4	8
58	Asymmetric synthesis of long chain α -methyl- β -thiotrifluoromethyl ketones employing the SAMP-/RAMP-hydrazone alkylation methodology. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 651-658.	1.8	3
59	Aquatic ecotoxicity of a pheromonal antagonist in <i>Daphnia magna</i> and <i>Desmodesmus subspicatus</i> . <i>Aquatic Toxicology</i> , 2006, 79, 296-303.	4.0	21
60	Electrophysiological and Behavioral Responses of a Cuban Population of the Sweet Potato Weevil to its Sex Pheromone. <i>Journal of Chemical Ecology</i> , 2006, 32, 2177-2190.	1.8	6
61	Biorational Approaches for Insect Control by Enzymatic Inhibition. <i>Current Medicinal Chemistry</i> , 2005, 12, 461-469.	2.4	69
62	A new, practical and efficient sulfone-mediated synthesis of trifluoromethyl ketones from alkyl and alkenyl bromides. <i>Tetrahedron Letters</i> , 2005, 46, 3311-3313.	1.4	22
63	A New, Practical and Efficient Sulfone-Mediated Synthesis of Trifluoromethyl Ketones from Alkyl and Alkenyl Bromides.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
64	Synthesis of Macrocyclic Dilactones through Lipases. <i>Synlett</i> , 2005, 2005, 2611-2614.	1.8	7
65	A New, Mild, and Efficient Synthesis of 2,2-Difluoro-3-hydroxyacids through a Selective Haloform Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 10883-10885.	3.2	13
66	New Selective Haloform-type Reaction Yielding 3-Hydroxy-2,2-difluoroacids: A Theoretical Study of the Mechanism. <i>Journal of the American Chemical Society</i> , 2005, 127, 2620-2627.	13.7	12
67	Antagonism of Pheromone Response of <i>Ostrinia nubilalis</i> Males and Implications on Behavior in the Laboratory and in the Field. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1158-1165.	5.2	21
68	Isolation and characterization of a lipoxygenase from <i>Pseudomonas</i> 42A2 responsible for the biotransformation of oleic acid into (S)-(E)-10-hydroxy-8-octadecenoic acid. <i>Antonie Van Leeuwenhoek</i> , 2004, 85, 129-139.	1.7	34
69	Responses of the olfactory receptor neurons of the corn stalk borer <i>Sesamia nonagrioides</i> to components of the pheromone blend and their inhibition by a trifluoromethyl ketone analogue of the main component. <i>Pest Management Science</i> , 2004, 60, 719-726.	3.4	19
70	Synthesis and Biological Activity of New Potential Agonists for the Human Adenosine A2A Receptor. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 4041-4053.	6.4	40
71	Interactions of insect pheromones and plant semiochemicals. <i>Trends in Plant Science</i> , 2004, 9, 253-261.	8.8	358
72	Field trials with the synthetic sex pheromone of the oak processionary moth <i>Thaumetopoea processionea</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 2461-2468.	1.8	9

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73	Natural estolides produced by <i>Pseudomonas</i> sp. 42A2 grown on oleic acid: Production and characterization. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 859-866.	1.9	18
74	New fluorinated derivatives as esterase inhibitors. Synthesis, hydration and crossed specificity studies. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1047-1055.	3.0	26
75	Sex Pheromone of the Oak Processionary Moth <i>Thaumetopoea processionea</i> . Identification and Biological Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2987-2991.	5.2	14
76	Activity of Octylthiotrifluoropropan-2-one, a Potent Esterase Inhibitor, on Growth, Development, and Intraspecific Communication in <i>Spodoptera littoralis</i> and <i>Sesamia nonagrioides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7062-7068.	5.2	6
77	Disruption of responses to pheromone by (Z)-11-hexadecenyl trifluoromethyl ketone, an analogue of the pheromone, in the cabbage armyworm <i>Mamestra brassicae</i> . <i>Pest Management Science</i> , 2002, 58, 839-844.	3.4	9
78	Olfactory responses of <i>Plutella xylostella</i> natural enemies to host pheromone, larval frass, and green leaf cabbage volatiles. <i>Journal of Chemical Ecology</i> , 2002, 28, 131-143.	1.8	150
79	Comparative studies of female sex pheromone components and male response of the corn stalk borer <i>Sesamia nonagrioides</i> in three different populations. <i>Journal of Chemical Ecology</i> , 2002, 28, 1463-1472.	1.8	14
80	Optimum timing of insecticide applications against diamondback moth <i>Plutella xylostella</i> in cole crops using threshold catches in sex pheromone traps. <i>Pest Management Science</i> , 2001, 57, 90-94.	3.4	22
81	Pheromone response inhibitors of the corn stalk borer <i>Sesamia nonagrioides</i> . Biological evaluation and toxicology. <i>Journal of Chemical Ecology</i> , 2001, 27, 1879-1897.	1.8	30
82	Pheromone-based integrated pest management to control the diamondback moth <i>Plutella xylostella</i> in cabbage fields. <i>Pest Management Science</i> , 2000, 56, 882-888.	3.4	42
83	Enzyme-catalyzed synthesis and absolute configuration of (1S,2R,5S)- and (1R,2S,5R)-2-(1-hydroxyethyl)-1-(methoxymethoxyethyl)cyclobutane-1-carbonitrile, key intermediates for the preparation of chiral cyclobutane-containing pheromones. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1691-1695.	1.8	13
84	An efficient enantioselective synthesis of (R,R)-formoterol, a potent bronchodilator, using lipases. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2705-2717.	1.8	43
85	Practical and Efficient Synthesis of Alkyl, Alkenyl and Aryl-alkyl \pm -Difluoro Esters as Precursors of Potential Inhibitors of the Pheromone Catabolism in Insects. <i>Synthesis</i> , 2000, 2000, 1917-1924.	2.3	13
86	A Direct, Straightforward Conversion of Methoxymethyl Ethers into Acetates. <i>Synthesis</i> , 2000, 2000, 300-304.	2.3	5
87	Direct Evidence of a Radical Mechanism in the Addition Reaction of Iododifluoroesters to Olefins by Spin Trapping. <i>Journal of Organic Chemistry</i> , 2000, 65, 5098-5103.	3.2	17
88	Analytical studies of <i>Spodoptera littoralis</i> sex pheromone components by electroantennography and coupled gas chromatography-electroantennographic detection. <i>Talanta</i> , 2000, 52, 525-532.	5.5	31
89	Behavioral Responses of the Diamondback Moth, <i>Plutella xylostella</i> , to Green Leaf Volatiles of <i>Brassica oleracea</i> Subsp. <i>capitata</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 6025-6029.	5.2	118
90	Insect Parapheromones in Olfaction Research and Semiochemical-Based Pest Control Strategies. <i>Annual Review of Entomology</i> , 2000, 45, 605-630.	11.8	122

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91	First Total Synthesis of the Sex Pheromone of the Oleander Scale <i>Aspidiotus nerii</i> : An Unusual Sesquiterpenic Functionalized Cyclobutane. <i>Chemistry - A European Journal</i> , 1999, 5, 3299-3309.	3.3	12
92	A Convergent and Highly Efficient Synthesis of (E,Z)-2,13-Octadecadienyl Acetate and (E,Z)-3,13-Octadecadienyl Acetate, Components of the Sex Pheromone of the Leopard Moth <i>Zeuzera pyrina</i> , through Sulfones. <i>Organic Letters</i> , 1999, 1, 845-848.	4.6	6
93	Conformational requirements for inhibition of the pheromone catabolism in <i>Spodoptera littoralis</i> . <i>QSAR and Combinatorial Science</i> , 1998, 17, 205-210.	1.2	6
94	Lipase-Catalyzed Enantioselective Synthesis of Methyl (R)- and (S)-2-Tetradecyloxiranecarboxylate through Sequential Kinetic Resolution. <i>Journal of Organic Chemistry</i> , 1997, 62, 3496-3499.	3.2	20
95	Oxydation of oleic acid to (E)-10-hydroperoxy-8-octadecenoic and (E)-10-hydroxy-8-octadecenoic acids by <i>Pseudomonas</i> sp. 42A2. <i>Lipids and Lipid Metabolism</i> , 1997, 1347, 75-81.	2.6	59
96	Chemoenzymatic synthesis of (R)-(+)-1-(4-fluorophenyl)-4-(2-pyrimidinyl)-1-piperazinebutanol and (R)-(+)-1-(4-fluorophenyl)-4-methyl-1-piperidinebutanol as potential antipsychotic agents. <i>Tetrahedron</i> , 1997, 53, 15115-15122.	1.9	4
97	Reinvestigation of Female Sex Pheromone of Processionary Moth (<i>Thaumetopoea pityocampa</i>): No Evidence for Minor Components. <i>Journal of Chemical Ecology</i> , 1997, 23, 713-726.	1.8	14
98	New Trifluoromethyl Ketones as Potent Inhibitors of Esterases: ^{19}F NMR Spectroscopy of Transition State Analog Complexes and Structure-Activity Relationships. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 287-292.	2.1	34
99	Behavioral responses of <i>Spodoptera littoralis</i> males to sex pheromone components and virgin females in wind tunnel. <i>Journal of Chemical Ecology</i> , 1996, 22, 1087-1102.	1.8	34
100	Synthesis of tritiated sex pheromones of the processionary moth <i>Thaumetopoea pityocampa</i> and the Egyptian armyworm <i>Spodoptera littoralis</i> . <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1996, 38, 929-933.	1.0	2
101	Highly enantioselective synthesis of long chain alkyl trifluoromethyl carbinols and 1,2-thiotrifluoromethyl carbinols through lipases. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2135-2143.	1.8	21
102	Ligand Specificity of Pheromone-Binding Proteins of the Processionary Moth. <i>FEBS Journal</i> , 1995, 234, 521-526.	0.2	49
103	Behavior of processionary males (<i>Thaumetopoea pityocampa</i>) induced by sex pheromone and analogs in a wind tunnel. <i>Journal of Chemical Ecology</i> , 1995, 21, 1957-1969.	1.8	21
104	Lipase-catalysed enantioselective synthesis of naphthyl trifluoromethyl carbinols and their corresponding non-fluorinated counterparts. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 231-238.	1.8	25
105	Synthesis and configurational assignment of (R) and (S)-2-bromohexadecanoic acids. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2291-2298.	1.8	11
106	An efficient and expeditious synthesis of functionalized trifluoromethyl ketones through lithium-iodine exchange reaction. <i>Tetrahedron</i> , 1994, 50, 12673-12684.	1.9	29
107	Utilization of neutral alumina as a mild reagent for the selective cleavage of primary and secondary silyl ethers. <i>Tetrahedron</i> , 1994, 50, 8539-8550.	1.9	37
108	Inhibition of pheromone action in <i>Sesamia nonagrioides</i> by Haloacetate analogues. <i>Pest Management Science</i> , 1994, 41, 97-103.	0.4	14

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109	Selective cleavage of tert-butyldimethylsilyl ethers with neutral alumina. Journal of the Chemical Society Chemical Communications, 1992, , 1451.	2.0	18
110	Cyclopropane ring location in linear aliphatic compounds by NO ⁺ -induced ion-molecule reactions. Tetrahedron Letters, 1992, 33, 231-234.	1.4	3
111	¹³ C NMR chemical shift assignments for somen-butylthiomethylene ketones. Magnetic Resonance in Chemistry, 1991, 29, 323-326.	1.9	0
112	Inhibition of the processionary moth sex pheromone by some haloacetate analogues. Pest Management Science, 1990, 29, 123-134.	0.4	19
113	Inhibitory pheromonal activity promoted by sulfur analogs of the sex pheromone of the female processionary moth <i>Thaumetopoea pityocampa</i> (Denis and schiff). Journal of Chemical Ecology, 1990, 16, 1155-1172.	1.8	22
114	Sila-pheromones: Silicon analogues of the female sex pheromone of the processionary moth <i>thaumetopoea pityocampa</i> . Tetrahedron Letters, 1990, 31, 2739-2742.	1.4	14
115	Analogues of sex pheromone of processionary moth, <i>Thaumetopoea pityocampa</i> : Synthesis and biological activity. Journal of Chemical Ecology, 1988, 14, 1331-1346.	1.8	32
116	A New and Efficient One-Pot Preparation of Alkyl Halides From Alcohols. Synthesis, 1987, 1987, 511-512.	2.3	53
117	Tetrabutylammonium bifluoride: A versatile and efficient fluorinating agent. Tetrahedron Letters, 1987, 28, 4733-4736.	1.4	56
118	A stereoselective total synthesis of (.,+.)-muzigadial. Journal of Organic Chemistry, 1986, 51, 773-784.	3.2	48
119	Synthesis of a fluorinated analog of the sex pheromone of the processionary moth <i>thaumetopoea pityocampa</i> (denis and schiff.). Tetrahedron, 1986, 42, 3623-3629.	1.9	36
120	Synthesis of dienic fluorinated analogs of insect sex pheromones. Tetrahedron, 1984, 40, 2871-2878.	1.9	90
121	Initial field trials with the synthetic sex pheromone of the processionary moth <i>Thaumetopoea pityocampa</i> (Denis and Schiff.). Journal of Chemical Ecology, 1983, 9, 85-93.	1.8	21
122	Simple and stereoselective synthesis of sex pheromone of processionary moth <i>Thaumetopoea pityocampa</i> (Denis and Schiff.). Journal of Chemical Ecology, 1983, 9, 869-875.	1.8	18
123	Polyene pheromone components from an arctiid moth (<i>Utetheisa ornatrix</i>): characterization and synthesis. Journal of Organic Chemistry, 1983, 48, 2266-2270.	3.2	65
124	REDUCTION OF CONJUGATED DIENOIC CARBOXYLIC ACIDS AND ESTERS WITH SODIUM DITHIONITE. Chemistry Letters, 1982, 11, 715-718.	1.3	24
125	SYNTHESIS OF THE TWO ISOMERS OF THE POTENTIAL SEX PHEROMONE OF <i>THAUMETOPOEA PITYOCAMPA</i> (LEPIDOPTERA, NOTODONTIDAE) AND RELATED MODEL COMPOUNDS. Chemistry Letters, 1981, 10, 703-706.	1.3	13
126	Precopulatory sexual interaction in an arctiid moth (<i>Utetheisa ornatrix</i>): Role of a pheromone derived from dietary alkaloids. Behavioral Ecology and Sociobiology, 1981, 9, 227-235.	1.4	192

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127	Sex attractant of an arctiid moth (<i>Utetheisa ornatrix</i>): A pulsed chemical signal. <i>Behavioral Ecology and Sociobiology</i> , 1980, 7, 55-63.	1.4	135
128	Plant volatiles challenge inhibition by structural analogs of the sex pheromone in <i>Lobesia botrana</i> (Lepidoptera: Tortricidae). <i>European Journal of Entomology</i> , 0, 113, 579-586.	1.2	8