

# Ann M Ray

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,000  
citations

516710

16  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome of the Asian longhorned beetle ( <i>Anoplophora glabripennis</i> ), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetle-plant interface. <i>Genome Biology</i> , 2016, 17, 227.	8.8	244
2	Using Generic Pheromone Lures to Expedite Identification of Aggregation Pheromones for the Cerambycid Beetles <i>Xylotrechus nauticus</i> , <i>Phymatodes lecontei</i> , and <i>Neoclytus modestus modestus</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 889-907.	1.8	86
3	Male-produced aggregation pheromone of the cerambycid beetle <i>Neoclytus mucronatus mucronatus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2007, 122, 171-179.	1.4	67
4	Identification of wood-boring beetles (Cerambycidae and Buprestidae) intercepted in trade-associated solid wood packaging material using DNA barcoding and morphology. <i>Scientific Reports</i> , 2017, 7, 40316.	3.3	63
5	Predicted taxonomic patterns in pheromone production by longhorned beetles. <i>Die Naturwissenschaften</i> , 2006, 93, 543-550.	1.6	62
6	Identification and Synthesis of a Female-Produced Sex Pheromone for the Cerambycid Beetle <i>Prionus Californicus</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 590-600.	1.8	56
7	Synthetic 3,5-Dimethyldodecanoic Acid Serves as a General Attractant for Multiple Species of <i>Prionus</i> (Coleoptera: Cerambycidae). <i>Annals of the Entomological Society of America</i> , 2011, 104, 588-593.	2.5	51
8	Male-Produced Aggregation Pheromone of the Cerambycid Beetle <i>Rosalia funebris</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 96-103.	1.8	50
9	Determination of the Relative and Absolute Configurations of the Female-produced Sex Pheromone of the Cerambycid Beetle <i>Prionus californicus</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 114-124.	1.8	41
10	cis-Vaccenyl Acetate, A Female-Produced Sex Pheromone Component of <i>Ortholeptura valida</i> , A Longhorned Beetle in the Subfamily Lepturinae. <i>Journal of Chemical Ecology</i> , 2011, 37, 173-178.	1.8	36
11	2,3-Hexanediols as Sex Attractants and a Female-produced Sex Pheromone for Cerambycid Beetles in the Prionine Genus <i>Tragosoma</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1151-1158.	1.8	36
12	North American Species of Cerambycid Beetles in the Genus <i>Neoclytus</i> Share a Common Hydroxyhexanone-Hexanediol Pheromone Structural Motif. <i>Journal of Economic Entomology</i> , 2015, 108, 1860-1868.	1.8	29
13	(R)-Desmolactone Is a Sex Pheromone or Sex Attractant for the Endangered Valley Elderberry Longhorn Beetle <i>Desmocerus californicus dimorphus</i> and Several Congeners (Cerambycidae: Tj ETQq1 1 0.784314rgBT /Overlock 10		
14	Calling Behavior of the Cerambycid Beetle <i>Neoclytus acuminatus acuminatus</i> (F.). <i>Journal of Insect Behavior</i> , 2007, 20, 117-128.	0.7	23
15	Assessing Flight Potential of the Invasive Asian Longhorned Beetle (Coleoptera: Cerambycidae) With Computerized Flight Mills. <i>Journal of Economic Entomology</i> , 2017, 110, 1070-1077.	1.8	23
16	(R)-Desmolactone, A Female-produced Sex Pheromone Component of the Cerambycid Beetle <i>Desmocerus californicus californicus</i> (subfamily Lepturinae). <i>Journal of Chemical Ecology</i> , 2012, 38, 157-167.	1.8	22
17	(2S,4E)-2-Hydroxy-4-octen-3-one, a Male-Produced Attractant Pheromone of the Cerambycid Beetle <i>Tylonotus bimaculatus</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 670-677.	1.8	18
18	The History of Attack and Success of Emerald Ash Borer (Coleoptera: Buprestidae) on White Fringetree in Southwestern Ohio. <i>Environmental Entomology</i> , 2016, 45, 961-966.	1.4	15

#	ARTICLE	IF	CITATIONS
19	Isolation and identification of a male-produced aggregation-sex pheromone for the velvet longhorned beetle, <i>Trichoferus campestris</i> . <i>Scientific Reports</i> , 2019, 9, 4459.	3.3	14
20	The Common Natural Products (S)- $\beta$ -Terpineol and (E)-2-Hexenol are Important Pheromone Components of <i>Megacyllene antennata</i> (Coleoptera: Cerambycidae). <i>Environmental Entomology</i> , 2018, 47, 1547-1552.	1.4	13
21	Identification of Tree Genera Used in the Construction of Solid Wood-Packaging Materials That Arrived at U.S. Ports Infested With Live Wood-Boring Insects. <i>Journal of Economic Entomology</i> , 2020, 113, 1183-1194.	1.8	9
22	Invasion of <i>Trichoferus campestris</i> (Coleoptera: Cerambycidae) into the United States characterized by high levels of genetic diversity and recurrent introductions. <i>Biological Invasions</i> , 2020, 22, 1309-1323.	2.4	6
23	Predicting Establishment Potential of an Invasive Wood-Boring Beetle, <i>Trichoferus campestris</i> (Coleoptera: Cerambycidae) in the United States. <i>Annals of the Entomological Society of America</i> , 2020, 113, 88-99.	2.5	5
24	Bugscope: Online $\approx$ 12 Microscopy Outreach. <i>Microscopy Today</i> , 2011, 19, 46-50.	0.3	4
25	Protein self-marking by emerald ash borer: an evaluation of efficacy and persistence. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 678-687.	1.4	1
26	Longhorned Woodboring Beetles (Coleoptera: Cerambycidae and Disteniidae): Primary Types of the Smithsonian Institution. <i>American Entomologist</i> , 2016, 62, 60-60.	0.2	0