Ann M Ray

List of Publications by Year
in descending order

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	Invasion of Trichoferus campestris (Coleoptera: Cerambycidae) into the United States characterized by high levels of genetic diversity and recurrent introductions. Biological Invasions, 2020, 22, 1309-1323.	2.4	6
2	Protein selfâ€marking by emerald ash borer: an evaluation of efficacy and persistence. Entomologia Experimentalis Et Applicata, 2020, 168, 678-687.	1.4	1
3	Predicting Establishment Potential of an Invasive Wood-Boring Beetle, Trichoferus campestris (Coleoptera: Cerambycidae) in the United States. Annals of the Entomological Society of America, 2020, 113, 88-99.	2.5	5
4	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. Journal of Economic Entomology, 2020, 113, 1183-1194.	1.8	9
5	Isolation and identification of a male-produced aggregation-sex pheromone for the velvet longhorned beetle, Trichoferus campestris. Scientific Reports, 2019, 9, 4459.	3.3	14
6	The Common Natural Products (S)-Î±-Terpineol and (E)-2-Hexenol are Important Pheromone Components of Megacyllene antennata (Coleoptera: Cerambycidae). Environmental Entomology, 2018, 47, 1547-1552.	1.4	13
7	Identification of wood-boring beetles (Cerambycidae and Buprestidae) intercepted in trade-associated solid wood packaging material using DNA barcoding and morphology. Scientific Reports, 2017, 7, 40316.	3.3	63
8	Assessing Flight Potential of the Invasive Asian Longhorned Beetle (Coleoptera: Cerambycidae) With Computerized Flight Mills. Journal of Economic Entomology, 2017, 110, 1070-1077.	1.8	23
9	The History of Attack and Success of Emerald Ash Borer (Coleoptera: Buprestidae) on White Fringetree in Southwestern Ohio. Environmental Entomology, 2016, 45, 961-966.	1.4	15
10	Genome of the Asian longhorned beetle (Anoplophora glabripennis), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetleâ€“plant interface. Genome Biology, 2016, 17, 227.	8.8	244
11	Longhorned Woodboring Beetles (Coleoptera: Cerambycidae and Disteniidae): Primary Types of the Smithsonian Institution. American Entomologist, 2016, 62, 60-60.	0.2	0
12	North American Species of Cerambycid Beetles in the GenusNeoclytusShare a Common Hydroxyhexanone-Hexanediol Pheromone Structural Motif. Journal of Economic Entomology, 2015, 108, 1860-1868.	1.8	29
13	(2S,4E)-2-Hydroxy-4-octen-3-one, a Male-Produced Attractant Pheromone of the Cerambycid Beetle Tylonotus bimaculatus. Journal of Chemical Ecology, 2015, 41, 670-677.	1.8	18
14	(R)-Desmolactone Is a Sex Pheromone or Sex Attractant for the Endangered Valley Elderberry Longhorn Beetle Desmocerus californicus dimorphus and Several Congeners (Cerambycidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217	2.8	27
15	2,3-Hexanediols as Sex Attractants and a Female-produced Sex Pheromone for Cerambycid Beetles in the Prionine Genus Tragosoma. Journal of Chemical Ecology, 2012, 38, 1151-1158.	1.8	36
16	(R)-Desmolactone, A Female-produced Sex Pheromone Component of the Cerambycid Beetle Desmocerus californicus californicus (subfamily Lepturinae). Journal of Chemical Ecology, 2012, 38, 157-167.	1.8	22
17	Synthetic 3,5-Dimethyldodecanoic Acid Serves as a General Attractant for Multiple Species of Prionus (Coleoptera: Cerambycidae). Annals of the Entomological Society of America, 2011, 104, 588-593.	2.5	51
18	Bugscope: Online Kâ€“12 Microscopy Outreach. Microscopy Today, 2011, 19, 46-50.	0.3	4

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19	Determination of the Relative and Absolute Configurations of the Female-produced Sex Pheromone of the Cerambycid Beetle Prionus californicus. Journal of Chemical Ecology, 2011, 37, 114-124.	1.8	41
20	cis-Vaccenyl Acetate, A Female-Produced Sex Pheromone Component of Ortholeptura valida, A Longhorned Beetle in the Subfamily Lepturinae. Journal of Chemical Ecology, 2011, 37, 173-178.	1.8	36
21	Male-Produced Aggregation Pheromone of the Cerambycid Beetle Rosalia funebris. Journal of Chemical Ecology, 2009, 35, 96-103.	1.8	50
22	Identification and Synthesis of a Female-Produced Sex Pheromone for the Cerambycid Beetle Prionus Californicus. Journal of Chemical Ecology, 2009, 35, 590-600.	1.8	56
23	Male-produced aggregation pheromone of the cerambycid beetle Neoclytus mucronatus mucronatus. Entomologia Experimentalis Et Applicata, 2007, 122, 171-179.	1.4	67
24	Using Generic Pheromone Lures to Expedite Identification of Aggregation Pheromones for the Cerambycid Beetles Xylotrechus nauticus, Phymatodes lecontei, and Neoclytus modestus modestus. Journal of Chemical Ecology, 2007, 33, 889-907.	1.8	86
25	Calling Behavior of the Cerambycid Beetle Neoclytus acuminatus acuminatus (F.). Journal of Insect Behavior, 2007, 20, 117-128.	0.7	23
26	Predicted taxonomic patterns in pheromone production by longhorned beetles. Die Naturwissenschaften, 2006, 93, 543-550.	1.6	62