

James H Cane

List of Publications by Year in descending order

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99
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8,900
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136950

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times ranked

6889
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#	ARTICLE	IF	CITATIONS
1	An <i> Ips</i> bark beetle tracks late Holocene range extension of its pinyon pine host. <i>Ecology</i> , 2022, 103, e3638.	3.2	0
2	A brief review of monolecty in bees and benefits of a broadened definition. <i>Apidologie</i> , 2021, 52, 17-22.	2.0	21
3	Wildfire severity influences offspring sex ratio in a native solitary bee. <i>Oecologia</i> , 2021, 195, 65-75.	2.0	7
4	Global Warming, Advancing Bloom and Evidence for Pollinator Plasticity from Long-Term Bee Emergence Monitoring. <i>Insects</i> , 2021, 12, 457.	2.2	13
5	Hygroscopic larval provisions of bees absorb soil water vapor and release liquefied nutrients. <i>Apidologie</i> , 2021, 52, 1002-1016.	2.0	5
6	Neurotoxic alkaloid in pollen and nectar excludes generalist bees from foraging at death-camas, <i>Toxicoscordion paniculatum</i> (Melanthiaceae). <i>Biological Journal of the Linnean Society</i> , 2020, 131, 927-935.	1.6	7
7	Salvage logging reduces wild bee diversity, but not abundance, in severely burned mixed-conifer forest. <i>Forest Ecology and Management</i> , 2019, 453, 117622.	3.2	19
8	Mortality and Flowering of Great Basin Perennial Forbs After Experimental Burning: Implications for Wild Bees. <i>Rangeland Ecology and Management</i> , 2019, 72, 310-317.	2.3	4
9	Wild bee diversity increases with local fire severity in a fire-prone landscape. <i>Ecosphere</i> , 2019, 10, e02668.	2.2	50
10	Scientific note: cavity-nesting <i>Osmia bruneri</i> bees (Megachilidae) can use fruit pulp for nest construction. <i>Apidologie</i> , 2019, 50, 100-103.	2.0	0
11	A Review of Research Needs for Pollinators in Managed Conifer Forests. <i>Journal of Forestry</i> , 2018, 116, 563-572.	1.0	29
12	Comparative Pollination Efficacies of Five Bee Species on Raspberry. <i>Journal of Economic Entomology</i> , 2018, 111, 2513-2519.	1.8	18
13	Two Prolonged Bee Visits Suffice to Maximize Drupelet Set for Red Raspberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1404-1406.	1.0	4
14	Co-dependency between a specialist <i>Andrena</i> bee and its death camas host, <i>Toxicoscordion paniculatum</i> . <i>Arthropod-Plant Interactions</i> , 2018, 12, 657-662.	1.1	10
15	Timing and size of daily pollen meals eaten by adult females of a solitary bee (<i>Nomia melanderi</i>) (Apiformes: Halictidae). <i>Apidologie</i> , 2017, 48, 17-30.	2.0	32
16	Specialist bees collect Asteraceae pollen by distinctive abdominal drumming (<i>Osmia</i>) or tapping (<i>Melissodes</i> , <i>Svastra</i>). <i>Arthropod-Plant Interactions</i> , 2017, 11, 257-261.	1.1	13
17	Survey of Hatching Spines of Bee Larvae Including Those of <i>Apis mellifera</i> (Hymenoptera: Apoidea). <i>Journal of Insect Science</i> , 2017, 17, .	1.5	9
18	Gauging the Effect of Honey Bee Pollen Collection on Native Bee Communities. <i>Conservation Letters</i> , 2017, 10, 205-210.	5.7	107

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19	Limited direct effects of a massive wildfire on its sagebrush steppe bee community. <i>Ecological Entomology</i> , 2016, 41, 317-326.	2.2	24
20	Adult pollen diet essential for egg maturation by a solitary <i>Osmia</i> bee. <i>Journal of Insect Physiology</i> , 2016, 95, 105-109.	2.0	60
21	Floral Guilds of Bees in Sagebrush Steppe: Comparing Bee Usage of Wildflowers Available for Postfire Restoration. <i>Natural Areas Journal</i> , 2016, 36, 377-391.	0.5	25
22	Crop domestication facilitated rapid geographical expansion of a specialist pollinator, the squash bee <i>Peponapis pruinosa</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160443.	2.6	94
23	Landscaping pebbles attract nesting by the native ground-nesting bee <i>Halictus rubicundus</i> (Hymenoptera: Halictidae). <i>Apidologie</i> , 2015, 46, 728-734.	2.0	25
24	Generalist Bees Pollinate Red-flowered <i>Penstemon eatonii</i> : Duality in the Hummingbird Pollination Syndrome. <i>American Midland Naturalist</i> , 2014, 171, 365-370.	0.4	5
25	The oligolectic bee <i>Osmia brevis</i> sonicates <i>Penstemon</i> flowers for pollen: a newly documented behavior for the Megachilidae. <i>Apidologie</i> , 2014, 45, 678-684.	2.0	11
26	Progeny of <i>Osmia lignaria</i> from distinct regions differ in developmental phenology and survival under a common thermal regime. <i>Journal of Insect Physiology</i> , 2014, 67, 9-19.	2.0	11
27	Seed-Feeding Beetles (Bruchinae, Curculionidae, Brentidae) from Legumes (<i>Dalea ornata</i> , <i>astragalus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 <i>North American Naturalist</i> , 2013, 73, 477-484.	0.4	4
28	Detecting Insect Pollinator Declines on Regional and Global Scales. <i>Conservation Biology</i> , 2013, 27, 113-120.	4.7	178
29	Sensitivity of Systematic Net Sampling for Detecting Shifting Patterns of Incidence and Abundance in a Floral Guild of Bees at <i>Larrea tridentata</i> . <i>Journal of the Kansas Entomological Society</i> , 2013, 86, 171-180.	0.2	9
30	Breeding Biology and Bee Guild of Douglas' Dustymaiden, <i>Chaenactis douglasii</i> (Asteraceae,) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50	0.4	4
31	Breeding Biologies, Pollinators, and Seed Beetles of Two Prairie-Clovers, <i>Dalea ornata</i> and <i>Dalea searlsiae</i> (Fabaceae: Amorphaeae), from the intermountain West, USA. <i>Western North American Naturalist</i> , 2012, 72, 16-20.	0.4	6
32	Dung Pat Nesting by the Solitary Bee, <i>Osmia</i> (Acanthosmioides) <i>integra</i> (Megachilidae: Apiformes). <i>Journal of the Kansas Entomological Society</i> , 2012, 85, 262-264.	0.2	4
33	Breeding biology and incremental benefits of outcrossing for the restoration wildflower, <i>Hedysarum boreale</i> Nutt. (Fabaceae). <i>Plant Species Biology</i> , 2012, 27, 138-146.	1.0	3
34	Meeting Wild Bees™ Needs on Western US Rangelands. <i>Rangelands</i> , 2011, 33, 27-32.	1.9	9
35	Breeding Biology of the Threadstalk Milkvetch, <i>Astragalus filipes</i> (Fabaceae), with a Review of the Genus. <i>American Midland Naturalist</i> , 2011, 165, 225-240.	0.4	17
36	The Alfalfa Leafcutting Bee, <i>Megachile rotundata</i> : The World's Most Intensively Managed Solitary Bee. <i>Annual Review of Entomology</i> , 2011, 56, 221-237.	11.8	251

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37	Predicted fates of ground-nesting bees in soil heated by wildfire: Thermal tolerances of life stages and a survey of nesting depths. <i>Biological Conservation</i> , 2011, 144, 2631-2636.	4.1	108
38	Meeting Wild Bees™ Needs on Western US Rangelands. <i>Rangelands</i> , 2011, 33, .	1.9	0
39	Specialist <i>Osmia</i> bees forage indiscriminately among hybridizing <i>Balsamorhiza</i> floral hosts. <i>Oecologia</i> , 2011, 167, 107-116.	2.0	13
40	Nectar and pollen sugars constituting larval provisions of the alfalfa leaf-cutting bee (<i>Megachile</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.0	32
41	Pollination Value of Male Bees: The Specialist Bee <i>Peponapis pruinosa</i> (<i>Apidae</i>) at Summer Squash (<i>Cucurbita pepo</i>). <i>Environmental Entomology</i> , 2011, 40, 614-620.	1.4	51
42	Visiting bees of <i>Cucurbita</i> flowers (<i>Cucurbitaceae</i>) with emphasis on the presence of <i>Peponapis fervens</i> Smith (<i>Eucerni - Apidae</i>) - Santa Catarina, Southern Brazil. <i>Oecologia Australis</i> , 2010, 14, 128-139.	0.2	17
43	Resurrecting the Bee <i>Osmia aglaia</i> Sandhouse from Synonymy (<i>Hymenoptera: Apiformes: Megachilidae</i>). <i>Journal of the Kansas Entomological Society</i> , 2009, 82, 43-45.	0.2	0
44	A native ground-nesting bee (<i>Nomia melanderi</i>) sustainably managed to pollinate alfalfa across an intensively agricultural landscape. <i>Apidologie</i> , 2008, 39, 315-323.	2.0	83
45	Breeding biologies, seed production and species-rich bee guilds of <i>Cleome lutea</i> and <i>Cleome serrulata</i> (<i>Cleomaceae</i>). <i>Plant Species Biology</i> , 2008, 23, 152-158.	1.0	26
46	Substrates and Materials Used for Nesting by North American <i>Osmia</i> Bees (<i>Hymenoptera</i>): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	131
47	Importance of pollinators in changing landscapes for world crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 303-313.	2.6	4,383
48	Complex Responses Within A Desert Bee Guild (<i>Hymenoptera: Apiformes</i>) To Urban Habitat Fragmentation. , 2006, 16, 632-644.		289
49	An Evaluation of Pollination Mechanisms for Purple Prairie-clover, <i>Dalea purpurea</i> (<i>Fabaceae</i>): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	18
50	5. Bees, Pollination, and the Challenges of Sprawl. , 2005, , 109-124.		53
51	Temporally persistent patterns of incidence and abundance in a pollinator guild at annual and decadal scales: the bees of <i>Larrea tridentata</i> . <i>Biological Journal of the Linnean Society</i> , 2005, 85, 319-329.	1.6	36
52	Pollination Potential of the Bee <i>Osmia aglaia</i> for Cultivated Red Raspberries and Blackberries (<i>Rubus</i>): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1705-1708.	1.0	54
53	Screenhouse Evaluations of a Mason Bee <i>Osmia ribifloris</i> (<i>Hymenoptera: Megachilidae</i>) as a Pollinator for Blueberries in the Southeastern United States. <i>International Journal of Fruit Science</i> , 2004, 3, 381-392.	0.2	14
54	Bees. , 2004, , 256-267.		0

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55	Dose-response relationships between pollination and fruiting refine pollinator comparisons for cranberry (<i>Vaccinium macrocarpon</i> [Ericaceae]). <i>American Journal of Botany</i> , 2003, 90, 1425-1432.	1.7	85
56	Pollinating Bees (Hymenoptera: Apiformes) of U.S. Alfalfa Compared for Rates of Pod and Seed Set. <i>Journal of Economic Entomology</i> , 2002, 95, 22-27.	1.8	80
57	The effect of pollen protein concentration on body size in the sweat bee <i>Lasioglossum zephyrum</i> (Hymenoptera: Apiformes). <i>Evolutionary Ecology</i> , 2002, 16, 49-65.	1.2	142
58	Pollinator genetics and pollination: do honey bee colonies selected for pollen-hoarding field better pollinators of cranberry <i>Vaccinium macrocarpon</i> ?. <i>Ecological Entomology</i> , 2001, 26, 117-123.	2.2	25
59	Causes and Extent of Declines among Native North American Invertebrate Pollinators: Detection, Evidence, and Consequences. <i>Ecology and Society</i> , 2001, 5, .	0.9	109
60	Habitat Fragmentation and Native Bees: a Premature Verdict?. <i>Ecology and Society</i> , 2001, 5, .	0.9	154
61	What Governs Protein Content of Pollen: Pollinator Preferences, Pollen-Pistil Interactions, or Phylogeny?. <i>Ecological Monographs</i> , 2000, 70, 617.	5.4	17
62	WHAT GOVERNS PROTEIN CONTENT OF POLLEN: POLLINATOR PREFERENCES, POLLEN-PISTIL INTERACTIONS, OR PHYLOGENY?. <i>Ecological Monographs</i> , 2000, 70, 617-643.	5.4	353
63	Pollination Efficiencies of Three Bee (Hymenoptera: Apoidea) Species Visiting Rabbiteye Blueberry. <i>Journal of Economic Entomology</i> , 2000, 93, 1726-1731.	1.8	64
64	Pollen nutritional content and digestibility for animals. , 2000, , 187-209.		94
65	Impact of enhanced ultraviolet-B radiation on flower, pollen, and nectar production. <i>American Journal of Botany</i> , 1999, 86, 108-114.	1.7	30
66	Spatial predictability and resource specialization of bees (Hymenoptera: Apoidea) at a superabundant, widespread resource. <i>Biological Journal of the Linnean Society</i> , 1999, 67, 119-147.	1.6	74
67	Nectar Production of Cranberries: Genotypic Differences and Insensitivity to Soil Fertility. <i>Journal of the American Society for Horticultural Science</i> , 1997, 122, 665-667.	1.0	12
68	Floral Resource Utilization by Solitary Bees (Hymenoptera: Apoidea) and Exploitation of Their Stored Foods by Natural Enemies. <i>Annual Review of Entomology</i> , 1996, 41, 257-286.	11.8	252
69	Pollination, Foraging, and Nesting Ecology of the Leaf-Cutting Bee <i>Megachile (Delomegachile) addenda</i> (Hymenoptera: Megachilidae) on Cranberry Beds. <i>Annals of the Entomological Society of America</i> , 1996, 89, 361-367.	2.5	50
70	SUSCEPTIBILITY OF <i>IPS CALLIGRAPHUS</i> (GERMAR) AND <i>DENDROCTONUS FRONTALIS</i> ZIMMERMANN (COLEOPTERA: SCOLYTIDAE) TO COLEOPTERAN-ACTIVE <i>BACILLUS THURINGIENSIS</i> , A <i>BACILLUS</i> METABOLITE, AND AVERMECTIN B ₁ . <i>Canadian Entomologist</i> , 1995, 127, 831-837.	0.8	8
71	Regional, Annual, and Seasonal Variation in Pollinator Guilds: Intrinsic Traits of Bees (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overl <i>Entomological Society of America</i> , 1993, 86, 577-588.	2.5	93
72	Reproductive Role of Sterile Pollen in <i>Saurauia</i> (Actinidiaceae), a Cryptically Dioecious Neotropical Tree. <i>Biotropica</i> , 1993, 25, 493.	1.6	13

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73	Inefficacy of Courtship Stridulation as a Premating Ethological Barrier for Ips Bark Beetles (Coleoptera: Scolytidae). <i>Annals of the Entomological Society of America</i> , 1992, 85, 517-524.	2.5	12
74	Phylogenetic relationships of Ips bark beetles (Coleoptera:Scolytidae): Electrophoretic and morphometric analyses of the grandicollis group. <i>Biochemical Systematics and Ecology</i> , 1990, 18, 359-368.	1.3	22
75	Attraction of pinyon pine bark beetle, Ips hoppingi, to conspecific and I. confusus pheromones (Coleoptera: Scolytidae). <i>Journal of Chemical Ecology</i> , 1990, 16, 2791-2798.	1.8	12
76	Ancestral semiochemical attraction persists for adjoining populations of sibling Ips bark beetles (Coleoptera: Scolytidae). <i>Journal of Chemical Ecology</i> , 1990, 16, 993-1013.	1.8	27
77	PEROMONAL SPECIFICITY OF SOUTHEASTERN IPS PINE BARK BEETLES REFLECTS PHYLOGENETIC DIVERGENCE (COLEOPTERA: SCOLYTIDAE). <i>Canadian Entomologist</i> , 1990, 122, 1235-1238.	0.8	10
78	Stridulation as a primary anti-predator defence of a beetle. <i>Animal Behaviour</i> , 1990, 40, 1003-1004.	1.9	38
79	Novel pollen-harvesting behavior by the bee Protandrena mexicanorum (Hymenoptera: Andrenidae). <i>Journal of Insect Behavior</i> , 1989, 2, 431-436.	0.7	23
80	Bees assess pollen returns while sonicating Solanum flowers. <i>Oecologia</i> , 1989, 81, 289-294.	2.0	128
81	Foraging Ecology of the Bee Habropoda laboriosa (Hymenoptera: Anthophoridae), an Oligolege of Blueberries (Ericaceae: Vaccinium) in the Southeastern United States1. <i>Annals of the Entomological Society of America</i> , 1988, 81, 419-427.	2.5	82
82	Predator deterrence by mandibular gland secretions of bees (Hymenoptera: Apoidea). <i>Journal of Chemical Ecology</i> , 1986, 12, 1295-1309.	1.8	15
83	POLLINATION ECOLOGY OF VACCINIUM STAMINEUM (ERICACEAE: VACCINIOIDEAE). <i>American Journal of Botany</i> , 1985, 72, 135-142.	1.7	44
84	Pollination Ecology of Vaccinium stamineum (Ericaceae: Vaccinioideae). <i>American Journal of Botany</i> , 1985, 72, 135.	1.7	12
85	Dufour's gland triglycerides from Anthophora, emphoropsis (Anthophoridae) and Megachile (Megachilidae) bees (Hymenoptera: Apoidea). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1984, 78, 769-772.	0.2	9
86	Chemistry and function of mandibular gland products of bees of the genus Exoneura (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	24
87	Dufour's gland lipid chemistry of three species of Centris bees (hymenoptera: apoidea, anthophoridae). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983, 76, 895-897.	0.2	7
88	Chemical Evolution and Chemosystematics of the Dufour's Gland Secretions of the Lactone-Producing Bees (Hymenoptera: Colletidae, Halictidae, and Oxaeidae). <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 657.	2.3	22
89	Olfactory evaluation of Andrena host nest suitability by kleptoparasitic Nomada bees (Hymenoptera:) Tj ETQq1 1 0,784314 rgBT /Over	1.9	26
90	Foraging, Grooming and Mate-seeking Behaviors of Macropis nuda (Hymenoptera, Melittidae) and Use of Lysimachia ciliata (Primulaceae) Oils in Larval Provisions and Cell Linings. <i>American Midland Naturalist</i> , 1983, 110, 257.	0.4	75

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91	Preliminary Chemosystematics of the Andrenidae and Exocrine Lipid Evolution of the Short-tongued Bees (Hymenoptera: Apoidea). <i>Systematic Zoology</i> , 1983, 32, 417.	1.6	25
92	CHEMICAL EVOLUTION AND CHEMOSYSTEMATICS OF THE DUFOUR'S GLAND SECRETIONS OF THE LACTONE-PRODUCING BEES (HYMENOPTERA: COLLETIDAE, HALICTIDAE, AND OXAEIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 657-674.	2.3	42
93	A comparative study of the exocrine products of cleptoparasitic bees (Holcopasites) and their hosts (Calliopsis) (Hymenoptera: Anthophoridae, Andrenidae). <i>Journal of Chemical Ecology</i> , 1982, 8, 1389-1397.	1.8	31
94	Field method for sampling chemicals released by active insects. <i>Journal of Chemical Ecology</i> , 1982, 8, 15-21.	1.8	3
95	Dufour's gland secretion in the cell linings of bees (Hymenoptera: Apoidea). <i>Journal of Chemical Ecology</i> , 1981, 7, 403-410.	1.8	91
96	Pheromonal cues direct mate-seeking behavior of male <i>Colletes cunicularius</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	1.8	45
97	Notes on the Reproductive Behavior of a Costa Rican Population of <i>Hyla ebraccata</i> . <i>Copeia</i> , 1980, 1980, 928.	1.3	8
98	Behavioral Observations of Noncalling Males in Costa Rican <i>Hyla ebraccata</i> . <i>Biotropica</i> , 1980, 12, 225.	1.6	12
99	WHAT GOVERNS PROTEIN CONTENT OF POLLEN: POLLINATOR PREFERENCES, POLLEN-PISTIL INTERACTIONS, OR PHYLOGENY?. , 0, .		4