Laurence Packer

List of Publications by Year
in descending order

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113 papers	7,297 citations	81900 39 h-index	60623 81 g-index
114 all docs	114 docs citations	114 times ranked	6924 citing authors

#	Article	IF	Citations
1	Pollination and other ecosystem services produced by mobile organisms: a conceptual framework for the effects of land-use change. Ecology Letters, 2007, 10, 299-314.	6.4	1,096
2	Climate change impacts on bumblebees converge across continents. Science, 2015, 349, 177-180.	12.6	572
3	Ecological and life-history traits predict bee species responses to environmental disturbances. Biological Conservation, 2010, 143, 2280-2291.	4.1	543
4	Habitat heterogeneity as a determinant of mammal species richness in high-energy regions. Nature, 1997, 385, 252-254.	27.8	514
5	Pollinator diversity and crop pollination services are at risk. Trends in Ecology and Evolution, 2005, 20, 651-652.	8.7	327
6	Interpreting insect declines: seven challenges and a way forward. Insect Conservation and Diversity, 2020, 13, 103-114.	3.0	271
7	Complementary sex determination substantially increases extinction proneness of haplodiploid populations. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10742-10746.	7.1	267
8	Evidence for decline in eastern North American bumblebees (Hymenoptera: Apidae), with special focus on Bombus affinis Cresson. Biodiversity and Conservation, 2008, 17, 1379-1391.	2.6	247
9	DNA barcoding and the mediocrity of morphology. Molecular Ecology Resources, 2009, 9, 42-50.	4.8	192
10	Wolbachia and DNA Barcoding Insects: Patterns, Potential, and Problems. PLoS ONE, 2012, 7, e36514.	2.5	148
11	Indicator Taxa, Rapid Biodiversity Assessment, and Nestedness in an Endangered Ecosystem. Conservation Biology, 2000, 14, 1726-1734.	4.7	141
12	DNA barcoding a regional bee (Hymenoptera: Apoidea) fauna and its potential for ecological studies. Molecular Ecology Resources, 2009, 9, 196-207.	4.8	130
13	The potential of cleptoparasitic bees as indicator taxa for assessing bee communities. Apidologie, 2013, 44, 501-510.	2.0	118
14	Revision and reclassification of <i>Lasioglossum</i> (<i>Evylaeus</i>), <i>L.</i> (<i>Hemihalictus</i>) and <i>L.</i> (<i>Sphecodogastra</i>) in eastern North America (Hymenoptera: Apoidea: Halictidae). Zootaxa, 2013, 3672, 1-117.	0.5	114
15	Indicator Taxa, Rapid Biodiversity Assessment, and Nestedness in an Endangered Ecosystem. Conservation Biology, 2000, 14, 1726-1734.	4.7	113
16	Phylogeny of the Bee Genus Halictus (Hymenoptera: Halictidae) Based on Parsimony and Likelihood Analyses of Nuclear EF-1Î± Sequence Data. Molecular Phylogenetics and Evolution, 1999, 13, 605-618.	2.7	104
17	â€˜Bee Hotelsâ€™ as Tools for Native Pollinator Conservation: A Premature Verdict?. PLoS ONE, 2015, 10, e0122126.	2.5	97
18	Successful Biological Invasion despite a Severe Genetic Load. PLoS ONE, 2007, 2, e868.	2.5	88

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19	Solitary and eusocial nests in a population of Augochlorella striata (Provancher) (Hymenoptera;) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	80
20	Population Genetic Aspects of Pollinator Decline. Ecology and Society, 2001, 5, .	0.9	73
21	Conservation Genetics of Potentially Endangered Mutualisms: Reduced Levels of Genetic Variation in Specialist versus Generalist Bees. Conservation Biology, 2005, 19, 195-202.	4.7	69
22	EFFECTIVENESS OF MALAISE TRAPS IN COLLECTING HYMENOPTERA: THE INFLUENCE OF TRAP DESIGN, MESH SIZE, AND LOCATION. Canadian Entomologist, 1988, 120, 787-796.	0.8	67
23	Use of diploid male frequency data as an indicator of pollinator decline. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S9-12.	2.6	67
24	The evolution of social behavior and nest architecture in sweat bees of the subgenus Evylaeus (Hymenoptera : Halictidae): a phylogenetic approach. Behavioral Ecology and Sociobiology, 1991, 29, 153-160.	1.4	66
25	Increased genetic differentiation in a specialist versus a generalist bee: implications for conservation. Conservation Genetics, 2006, 6, 1017-1026.	1.5	66
26	Validating taxonomic identifications in entomological research. Insect Conservation and Diversity, 2018, 11, 1-12.	3.0	59
27	Trophic aspects of caste determination in Halictus ligatus, a primitively eusocial sweat bee. Behavioral Ecology and Sociobiology, 1994, 34, 385-391.	1.4	57
28	The Socioecology of Body Size Variation in the Primitively Eusocial Sweat Bee, Halictus ligatus (Hymenoptera: Halictidae). Oikos, 1996, 77, 68.	2.7	54
29	Annual variation in survival and reproduction of the primitively eusocial sweat beeHalictus ligatus(Hymenoptera: Halictidae). Canadian Journal of Zoology, 1995, 73, 933-941.	1.0	52
30	Relatedness and sex ratio in a primitively eusocial halictine bee. Behavioral Ecology and Sociobiology, 1994, 34, 1-10.	1.4	50
31	Comparative morphology of the skeletal parts of the sting apparatus of bees (Hymenoptera: Apoidea). Zoological Journal of the Linnean Society, 2003, 138, 1-38.	2.3	50
32	Phylogenetic analysis of the corbiculate Apinae based on morphology of the sting apparatus (Hymenoptera: Apidae). Cladistics, 2007, 23, 99-118.	3.3	50
33	Phylogeny of Halictidae with an emphasis on endemic African Halictinae. Apidologie, 2008, 39, 86-101.	2.0	48
34	Allozyme variation, linkage disequilibrium and diploid male production in a primitively social bee Augochlorella striata (Hymenoptera; Halictidae). Heredity, 1990, 65, 241-248.	2.6	47
35	High levels of diploid male production in a primitively eusocial bee (Hymenoptera: Halictidae). Heredity, 2001, 87, 631-636.	2.6	47
36	Changes in the bee fauna (Hymenoptera: Apoidea) of an old field site in southern Ontario, revisited after 34 years. Canadian Entomologist, 2006, 138, 147-164.	0.8	47

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37	Unexpected patterns of parentage and relatedness in a primitively eusocial bee. Nature, 1995, 373, 239-241.	27.8	46
38	Estimation of the proportion of diploid males in populations of Hymenoptera. Heredity, 1994, 72, 219-227.	2.6	43
39	The Impact of Climate Change on Mammal Diversity in Canada. , 1998, 49, 263-270.		42
40	Phylogenetic position of the bee genera Ancyla and Tarsalia (Hymenoptera: Apidae): A remarkable base compositional bias and an early Paleogene geodispersal from North America to the Old World. Molecular Phylogenetics and Evolution, 2014, 81, 258-270.	2.7	42
41	The social organisation of Halictus ligatus (Hymenoptera; Halictidae) in southern Ontario. Canadian Journal of Zoology, 1986, 64, 2317-2324.	1.0	41
42	Mitochondrial Dna Differentiation between Two Cryptic Halictus (Hymenoptera: Halictidae) Species. Annals of the Entomological Society of America, 1998, 91, 387-391.	2.5	40
43	Bee (Hymenoptera: Apoidea) diversity within apple orchards and old fields in the Annapolis Valley, Nova Scotia, Canada. Canadian Entomologist, 2013, 145, 94-114.	0.8	40
44	The biology of a subtropical population of Halictus ligatus Say (Hymenoptera: Halictidae). Behavioral Ecology and Sociobiology, 1986, 18, 363-375.	1.4	38
45	Title is missing!. , 1999, 8, 617-628.		38
46	The phenology and social biology of four sweat bees in a marginal environment: Cape Breton Island. Canadian Journal of Zoology, 1989, 67, 2871-2877.	1.0	37
47	Nest architecture and brood mortality in four species of sweat bee (Hymenoptera; Halictidae) from Cape Breton Island. Canadian Journal of Zoology, 1989, 67, 2864-2870.	1.0	34
48	Spotlight on insects: trends, threats and conservation challenges. Insect Conservation and Diversity, 2020, 13, 99-102.	3.0	34
49	Multiple-foundress associations in a temperate population of Halictus ligatus (Hymenoptera;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	33
50	Phylogeny, biogeography and diversification of the mining bee family Andrenidae. Systematic Entomology, 2022, 47, 283-302.	3.9	33
51	ALLOZYME VARIATION IN HALICTUS RUBICUNDUS (CHRIST): A PRIMITIVELY SOCIAL HALICTINE BEE (HYMENOPTERA: HALICTIDAE). Canadian Entomologist, 1989, 121, 1049-1057.	0.8	30
52	The diversification of neopasiphaeine bees during the Cenozoic (Hymenoptera: Colletidae). Zoologica Scripta, 2019, 48, 226-242.	1.7	27
53	DNA barcoding the bees (Hymenoptera: Apoidea) of Chile: species discovery in a reasonably well known bee fauna with the description of a new species ofLonchopria(Colletidae). Genome, 2017, 60, 414-430.	2.0	26
54	Queens and Workers Contribute Differently to Adaptive Evolution in Bumble Bees and Honey Bees. Genome Biology and Evolution, 2017, 9, 2395-2402.	2.5	25

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55	The social organisation of Lasioglossum (Dialictus) laevissimum (Smith) in southern Alberta. Canadian Journal of Zoology, 1992, 70, 1767-1774.	1.0	24
56	FORUM: HOW MANY HIDDEN SPECIES ARE THERE? AN APPLICATION OF THE PHYLOGENETIC SPECIES CONCEPT TO GENETIC DATA FOR SOME COMPARATIVELY WELL KNOWN BEE â€œSPECIESâ€• Canadian Entomologist, 1997, 129, 587-594.	0.8	24
57	Long-Chain Omega-3 Polyunsaturated Fatty Acids Have Developmental Effects on the Crop Pest, the Cabbage White Butterfly Pieris rapae. PLoS ONE, 2016, 11, e0152264.	2.5	23
58	Bees: How and Why to Sample Them. , 2021, , 55-83.		23
59	Phylogeny and classification of the Xeromelissinae (Hymenoptera: Apoidea, Colletidae) with special emphasis on the genusChilicola. Systematic Entomology, 2008, 33, 72-96.	3.9	22
60	Dual origins of social parasitism in North American Dialictus (Hymenoptera: Halictidae) confirmed using a phylogenetic approach. Cladistics, 2012, 28, 195-207.	3.3	22
61	Population biology of an endangered butterfly, Lycaeides melissa samuelis (Lepidoptera; Lycaenidae): genetic variation, gene flow, and taxonomic status. Canadian Journal of Zoology, 1998, 76, 320-329.	1.0	20
62	Phylogeny of the bee genus Agapostemon (Hymenoptera: Halictidae). Systematic Entomology, 2003, 28, 101-124.	3.9	20
63	Forecasting pollination declines through DNA barcoding: the potential contributions of macroecological and macroevolutionary scales of inquiry. New Phytologist, 2017, 214, 11-18.	7.3	17
64	A comparison of genetic variation in two sibling species pairs of haplodiploid insects. Biochemical Genetics, 1993, 31, 185-200.	1.7	15
65	Assessment of Potential Karner Blue Butterfly (Lycaeides melissa samuelis) (Family: Lycanidae) Reintroduction Sites in Ontario, Canada. Restoration Ecology, 2006, 14, 645-652.	2.9	15
66	The Bees among Us: Modelling Occupancy of Solitary Bees. PLoS ONE, 2016, 11, e0164764.	2.5	14
67	Taxonomic and Behavioural Notes on Patagonian Xeromelissinae with the Description of a New Species (Hymenoptera: Colletidae). Journal of the Kansas Entomological Society, 2004, 77, 805-820.	0.2	13
68	Phenology and social biology of two sibling species of Halictus in an area of sympatry. Canadian Journal of Zoology, 1998, 76, 2207-2213.	1.0	12
69	Morphological variation in the gastral sterna of female Apoidea (Insecta: Hymenoptera). Canadian Journal of Zoology, 2004, 82, 130-152.	1.0	12
70	Genetic differentiation between two host ?races? and two species of cleptoparasitic bees and between their two hosts. Biochemical Genetics, 1995, 33, 97-109.	1.7	11
71	Phylogeny of the Xeromelissinae (Hymenoptera: Colletidae) Based upon Morphology and Molecules. Apidologie, 2008, 39, 75-85.	2.0	11
72	Wolbachia (Rickettsiales) infections and bee (Apoidea) barcoding: a response to GerthetÂal.. Systematics and Biodiversity, 2012, 10, 395-401.	1.2	11

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73	Phylogeny and biogeography of the cleptoparasitic bee genus Epeolus (Hymenoptera: Apidae) and cophylogenetic analysis with its host bee genus Colletes (Hymenoptera: Colletidae). Molecular Phylogenetics and Evolution, 2019, 141, 106603.	2.7	11
74	Title is missing!. Journal of Insect Behavior, 1998, 11, 119-128.	0.7	9
75	DNA barcoding as a useful tool in the systematic study of wild bees of the tribe Augochlorini (Hymenoptera: Halictidae). Genome, 2016, 59, 889-898.	2.0	8
76	Phylogenetic position of a remarkable new fideliine bee from northern <scp>C</scp>hile (<scp>H</scp>ymenoptera: <scp>M</scp>egachilidae). Systematic Entomology, 2017, 42, 473-488.	3.9	8
77	The evolutionary history of the cellophane bee genus Colletes Latreille (Hymenoptera: Colletidae): Molecular phylogeny, biogeography and implications for a global infrageneric classification. Molecular Phylogenetics and Evolution, 2020, 146, 106750.	2.7	8
78	Trophic aspects of caste determination in Halictus ligatus, a primitively eusocial sweat bee. Behavioral Ecology and Sociobiology, 1994, 34, 385-391.	1.4	8
79	Allozyme variation in bumble bees (Hymenoptera: Apidae). Biochemical Genetics, 1992, 30, 443-453.	1.7	7
80	The Biology of a Subtropical Population ofHalictus ligatusSay (Hymenoptera; Halictidae). Ethology, 1986, 72, 287-298.	1.1	7
81	Revision of the Neotropical subgenera Coelioxys (Platycoelioxys) Mitchell and C. (Rhinocoelioxys) Mitchell (Hymenoptera; Megachilidae) with the description of one new species . Zootaxa, 2015, 3941, 151.	0.5	7
82	Fifteen new species of Liphanthus Reed (Hymenoptera: Andrenidae) with two submarginal cells. Zootaxa, 2019, 4645, zootaxa.4645.1.1.	0.5	7
83	Fifteen new species of Chilicola (Hymenoptera: Apoidea; Colletidae). Zootaxa, 2007, 1468, .	0.5	7
84	The ecological genetics of the speckled wood butterfly, Pararge aegeria L.â€"A preliminary study. Heredity, 1984, 52, 179-188.	2.6	6
85	Two distinctive new species of halictine bees from high altitude in the New World tropics (Hymenoptera: Halictidae). Canadian Journal of Zoology, 1993, 71, 1653-1662.	1.0	6
86	Revision and phylogenetic analysis of Chilicola sensu stricto (Hymenoptera: Colletidae) with the description of a new species. Zootaxa, 2006, 1355, 1-37.	0.5	6
87	Genetic variation within and among populations of an arctic/alpine sweat bee (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	5
88	A new Leioproctus with unique wing venation in males (Hymenoptera: Colletidae: Paracolletinae) with comments on unusual wing modifications in bees. Zootaxa, 2006, 1104, 47.	0.5	5
89	Penapis larraini Packer, a new species of rophitine bee (Hymenoptera: Halictidae) from a fog oasis in Northern Chile. Zootaxa, 2012, 3408, 54.	0.5	5
90	Three new species of Neofidelia (Hymenoptera: Apoidea: Megachilidae) from Northern Chile. Zootaxa, 2013, 3609, 471-83.	0.5	5

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91	Two new species of Geodiscelis Michener & Rozen (Hymenoptera: Apoidea: Colletidae) with a phylogenetic analysis and subgeneric classification of the genus. Zootaxa, 2014, 3857, 275-91.	0.5	5
92	Relatedness and sex ratio in a primitively eusocial halictine bee. Behavioral Ecology and Sociobiology, 1994, 34, 1-10.	1.4	5
93	Case 3476DialictusRobertson, 1902 andEvylaeusRobertson, 1902 (Insecta, Hymenoptera): proposed precedence overHemihalictusCockerell, 1897,SudilaCameron, 1898 andSphecodogastraAshmead, 1899. Bulletin of Zoological Nomenclature, 2009, 66, 147-158.	0.1	5
94	NOTES ON THE BIOLOGY OF LASIOGLOSSUM (EVYLAEVS) COOLEYI (CRAWFORD), AN EUSOCIAL HALICTINE BEE (HYMENOPTERA: HALICTTDAE). Canadian Entomologist, 1989, 121, 431-438.	0.8	4
95	A revision of the genus Xenochilicola (Hymenoptera: Apoidea, Colletidae), with the description of a new species. Zootaxa, 2005, 1054, 1.	0.5	4
96	The Calliopsis (Hymenoptera; Andrenidae; Panurginae) of Chile with the description of a new species. Zootaxa, 2011, 2908, .	0.5	4
97	Relocation risky for bumblebee coloniesâ€"Response. Science, 2015, 350, 287-287.	12.6	4
98	Four new species of Isepeolini (Hymenoptera; Apidae) from northern Chile. BMC Zoology, 2020, 5, .	1.0	4
99	Brachymelecta Linsley, 1939, previously the rarest North American bee genus, was described from an aberrant specimen and is the senior synonym for Xeromelecta Linsley, 1939. European Journal of Taxonomy, 0, 754, 1-51.	0.6	4
100	Revision and phylogenetic analysis of Chilioediscelis (Hymenoptera: Colletidae) with descriptions of three new species. Zootaxa, 2008, 1762, 29.	0.5	3
101	A new species of Samba s. str. (Hymenoptera: Melittidae) from the Turkana Basin, Kenya with observations on the function of the metatibial spur in females. Zootaxa, 2015, 3918, 261-72.	0.5	3
102	Phylogeny of the cleptoparasitic Megachilini generaCoelioxysandRadoszkowskiana, with the description of six new subgenera inCoelioxys(Hymenoptera: Megachilidae). Zoological Journal of the Linnean Society, 2016, , .	2.3	3
103	Nesting biology and phenology of a population of Halictus farinosus Smith (Hymenoptera, Halictidae) in northern Utah. Journal of Hymenoptera Research, 2013, 32, 55-73.	0.8	2
104	Patagonicola: a new genus of xeromelissine bee from Argentina (Hymenoptera: Apoidea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.8	2
105	Fluctuating asymmetry in an extreme morphological adaptation in the Chilean bee Xeromelissa rozeni (Hymenoptera: Colletidae). Canadian Journal of Zoology, 2015, 93, 833-840.	1.0	2
106	Morphological phylogeny and review of the generic classification of Colletinae (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.3	2
107	The Cleptoparasitic Bee Genus Chiasmognathus (Hymenoptera: Apidae) in Kenya, with the Description of Two New Species. Journal of East African Natural History, 2019, 108, 17.	0.6	2
108	Description of the male of Lepidotrigona nitidiventris (Smith, 1857), redescription of the female holotype and additional morphological data on the workers (Hymenoptera: Apidae: Meliponini). Revue Suisse De Zoologie, 2020, 127, 119.	0.3	2

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109	A comparison of genetic variation in two sibling species pairs of haplodiploid insects. Biochemical Genetics, 1993, 31, 185-200.	1.7	2
110	A new socially parasitic Braunsapis (Hymenoptera: Apidae: Xylocopinae: Allodapini) from Vietnam, with a key to female socially parasitic Braunsapis in Asia. Journal of Melittology, 2018, , 1-9.	0.2	1
111	Fifteen new species of Chilicola (Oroediscelis) (Hymenoptera: Colletidae: Xeromelissinae) with illustrated keys to the males and females of the subgenus. Zootaxa, 2019, 4559, 1.	0.5	1
112	A Revision of Cresson Pate (Hymenoptera, Apoidea, Bembicidae) with the description of two new species. Journal of Hymenoptera Research, 0, 85, 81-117.	0.8	1
113	Three new species of Lasioglossum (Hymenoptera: Halictidae) from Mexico, with comments on the biogeography of Mexican species of the subgenus Lasioglossum. Revista Mexicana De Biodiversidad, 2020, 91, 913215.	0.4	1