

# Global pollinator declines: trends, impacts and drivers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Economic Consequences of Pollinator Declines: A Synthesis. <i>Agricultural and Resource Economics Review</i> , 2010, 39, 368-383.	0.6	55
2	CONSERVATION GENETICS OF NEOTROPICAL POLLINATORS REVISITED: MICROSATELLITE ANALYSIS SUGGESTS THAT DIPLOID MALES ARE RARE IN ORCHID BEES. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 3318-3326.	1.1	26
3	Life-history traits predict species responses to habitat area and isolation: a cross-continental synthesis. <i>Ecology Letters</i> , 2010, 13, 969-979.	3.0	336
4	Mutualisms in a changing world: an evolutionary perspective. <i>Ecology Letters</i> , 2010, 13, 1459-1474.	3.0	442
5	As abelhas, os serviçoes ecossistêmicos e o C3digo Florestal Brasileiro. <i>Biota Neotropica</i> , 2010, 10, 59-62.	1.0	27
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8	Climate change impacts on biodiversity: a short introduction with special emphasis on the ALARM approach for the assessment of multiple risks. <i>BioRisk</i> , 0, 5, 3-29.	0.2	3
9	The Regional Network for Asian Schistosomiasis and Other Helminth Zoonoses (RNAS+). <i>Advances in Parasitology</i> , 2010, 73, 101-135.	1.4	28
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12	Patterns of widespread decline in North American bumble bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 662-667.	3.3	1,249
13	Functional Extinctions of Bird Pollinators Cause Plant Declines. <i>Science</i> , 2011, 331, 1019-1020.	6.0	63
14	Native Pollinators in Anthropogenic Habitats. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 1-22.	3.8	429
15	Testing Pollen of Single and Stacked Insect-Resistant Bt-Maize on In vitro Reared Honey Bee Larvae. <i>PLoS ONE</i> , 2011, 6, e28174.	1.1	40
16	Performance of <i>Apis mellifera</i> , <i>Bombus impatiens</i> , and <i>Peponapis pruinosa</i> (Hymenoptera: Apidae) as Pollinators of Pumpkin. <i>Journal of Economic Entomology</i> , 2011, 104, 1153-1161.	0.8	96
17	Forest Habitat Conservation in Africa Using Commercially Important Insects. <i>Annual Review of Entomology</i> , 2011, 56, 465-485.	5.7	29
18	The Role of Resources and Risks in Regulating Wild Bee Populations. <i>Annual Review of Entomology</i> , 2011, 56, 293-312.	5.7	460

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20	Fame, glory and neglect in meta-analyses. Trends in Ecology and Evolution, 2011, 26, 493-494.	4.2	36
21	Honey bee risk assessment: new approaches for <i>in vitro</i> larvae rearing and data analyses. Methods in Ecology and Evolution, 2011, 2, 509-517.	2.2	54
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34	Natural and within-farmland biodiversity enhances crop productivity. Ecology Letters, 2011, 14, 251-259.	3.0	248
35	Stability of pollination services decreases with isolation from natural areas despite honey bee visits. Ecology Letters, 2011, 14, 1062-1072.	3.0	681
36	Litter inputs and plant interactions affect nectar sugar content. Journal of Ecology, 2011, 99, 828-837.	1.9	41
37	Patterns of range-wide genetic variation in six North American bumble bee (Apidae: Bombus) species. Molecular Ecology, 2011, 20, 4870-4888.	2.0	98
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41	Bumblebee colonies produce larger foragers in complex landscapes. <i>Basic and Applied Ecology</i> , 2011, .	1.2	12
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44	Management to enhance pollen and nectar resources for bumblebees and butterflies within intensively farmed landscapes. <i>Journal of Insect Conservation</i> , 2011, 15, 853-864.	0.8	90
45	Effects of agriculture expansion and intensification on the vertebrate and invertebrate diversity in the Pampas of Argentina. <i>Biodiversity and Conservation</i> , 2011, 20, 3077-3100.	1.2	124
46	Infestation of Japanese Native Honey Bees by Tracheal Mite and Virus from Non-native European Honey Bees in Japan. <i>Microbial Ecology</i> , 2011, 62, 895-906.	1.4	81
47	Geometric morphometrics of the wing as a tool for assigning genetic lineages and geographic origin to <i>Melipona beecheii</i> (Hymenoptera: Meliponini). <i>Apidologie</i> , 2011, 42, 499-507.	0.9	52
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50	Enhancing habitat to help the plight of the bumblebee. <i>Pest Management Science</i> , 2011, 67, 377-379.	1.7	10
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52	The Neuroecology of a Pollinator's Buffet: Olfactory Preferences and Learning in Insect Pollinators. <i>Integrative and Comparative Biology</i> , 2011, 51, 781-793.	0.9	31
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54	A Strong Immune Response in Young Adult Honeybees Masks Their Increased Susceptibility to Infection Compared to Older Bees. <i>PLoS Pathogens</i> , 2012, 8, e1003083.	2.1	70
55	Ecosystem Services in Biologically Diversified versus Conventional Farming Systems: Benefits, Externalities, and Trade-Offs. <i>Ecology and Society</i> , 2012, 17, .	1.0	656
56	Generalist Bee Species on Brazilian Bee-Plant Interaction Networks. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-7.	0.4	17
57	Comparison of the Efficiency of the Bumble Bees <i>Bombus impatiens</i> and <i>Bombus ephippiatus</i> (Hymenoptera: Apidae) as Pollinators of Tomato in Greenhouses. <i>Journal of Economic Entomology</i> , 2012, 105, 1871-1877.	0.8	16

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59	Drastic historic shifts in bumble-bee community composition in Sweden. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 309-315.	1.2	198
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67	Short-term responses of native bees to livestock and implications for managing ecosystem services in grasslands. Ecosphere, 2012, 3, 1-19.	1.0	56
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69	Reproduction of beetle-pollinated Anaxagorea dolichocarpa (Annonaceae) is resilient to habitat disturbance in rainforest fragments. Nordic Journal of Botany, 2012, 30, 453-460.	0.2	2
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80	Mating system shifts on the trailing edge. <i>Annals of Botany</i> , 2012, 109, 613-620.	1.4	92
81	Diverse pollinator communities enhance plant reproductive success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4845-4852.	1.2	193
82	Pollinator habitat enhancement: Benefits to other ecosystem services. <i>Agriculture, Ecosystems and Environment</i> , 2012, 159, 112-122.	2.5	329
83	Factors influencing <i>Nosema bombi</i> infections in natural populations of <i>Bombus terrestris</i> (Hymenoptera: Apidae). <i>Journal of Invertebrate Pathology</i> , 2012, 110, 48-53.	1.5	13
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88	Pollination services at risk: Bee habitats will decrease owing to climate change in Brazil. <i>Ecological Modelling</i> , 2012, 244, 127-131.	1.2	125
89	Herbivore and pollinator responses to grassland management intensity along experimental changes in plant species richness. <i>Biological Conservation</i> , 2012, 150, 42-52.	1.9	72
90	Effects of social immunity and uniclonality on host-parasite interactions in invasive insect societies. <i>Functional Ecology</i> , 2012, 26, 1300-1312.	1.7	28
91	Do pathogen spillover, pesticide use, or habitat loss explain recent North American bumblebee declines?. <i>Conservation Letters</i> , 2012, 5, 232-239.	2.8	71
92	Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees ( <i>Bombus</i> )	1.1	193
93	Combined pesticide exposure severely affects individual- and colony-level traits in bees. <i>Nature</i> , 2012, 491, 105-108.	13.7	759

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103	Roles of scale, matrix, and native habitat in supporting a diverse suburban pollinator assemblage. , 2012, 22, 1923-1935.		73
104	Systemic range shift lags among a pollinator species assemblage following rapid climate change<sup>1</sup>This article is part of a Special Issue entitled â€œPollination biology research in Canada: Perspectives on a mutualism at different scalesâ€œ. <i>Botany</i> , 2012, 90, 587-597.	0.5	25
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110	Spatial and Temporal Trends of Global Pollination Benefit. <i>PLoS ONE</i> , 2012, 7, e35954.	1.1	275
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122	The same, but different: pollen foraging in honeybee and bumblebee colonies. Apidologie, 2012, 43, 449-464.	0.9	180
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125	Spillover of functionally important organisms between managed and natural habitats. Agriculture, Ecosystems and Environment, 2012, 146, 34-43.	2.5	413
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133	Attracting carnivorous arthropods with plant volatiles: The future of biocontrol or playing with fire?. <i>Biological Control</i> , 2012, 60, 77-89.	1.4	187
134	Ingestion by an endemic frugivore enhances seed germination of endemic plant species but decreases seedling survival of exotics. <i>Journal of Biogeography</i> , 2012, 39, 2021-2030.	1.4	8
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136	Quantifying forage specialisation in polyphagic insects: the polylectic and rare solitary bee, <i>Colletes floralis</i> (Hymenoptera: Colletidae). <i>Insect Conservation and Diversity</i> , 2012, 5, 289-297.	1.4	10
137	Assessment of transgene flow in tomato and potential effects of genetically modified tomato expressing <i>Cry3Bb1</i> toxins on bumblebee feeding behaviour. <i>Annals of Applied Biology</i> , 2012, 161, 151-160.	1.3	6
138	Contrasting responses of hoverflies and wild bees to habitat structure and land use change in a tropical landscape (southern Yunnan, SW China). <i>Insect Science</i> , 2012, 19, 666-676.	1.5	11
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150	Comparative susceptibility of three Western honeybee taxa to the microsporidian parasite <i>Nosema ceranae</i> . <i>Infection, Genetics and Evolution</i> , 2013, 17, 188-194.	1.0	26
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154	Rapid ecological replacement of a native bumble bee by invasive species. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 529-534.	1.9	188
155	Linking Landscape Connectivity and Ecosystem Service Provision: Current Knowledge and Research Gaps. <i>Ecosystems</i> , 2013, 16, 894-908.	1.6	299
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159	Reproductive biology of the Red List species <i>Polemonium caeruleum</i> (Polemoniaceae). <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 92-107.	0.8	12
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162	Multifaceted responses to two major parasites in the honey bee ( <i>Apis mellifera</i> ). <i>BMC Ecology</i> , 2013, 13, 26.	3.0	5
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165	Treetops at Risk. , 2013, , .		13
166	Essential oil from <i>Eupatorium buniifolium</i> leaves as potential varroacide. <i>Parasitology Research</i> , 2013, 112, 3389-3400.	0.6	19

#	ARTICLE	IF	CITATIONS
167	Bumblebee community homogenization after uphill shifts in montane areas of northern Spain. <i>Oecologia</i> , 2013, 173, 1649-1660.	0.9	66
168	Additive effects of exotic plant abundance and land-use intensity on plant-pollinator interactions. <i>Oecologia</i> , 2013, 173, 913-923.	0.9	36
169	Mass-flowering crops enhance wild bee abundance. <i>Oecologia</i> , 2013, 172, 477-484.	0.9	179
170	Interpreting realized pollen flow in terms of pollinator travel paths and land-use resistance in heterogeneous landscapes. <i>Landscape Ecology</i> , 2013, 28, 1769-1783.	1.9	17
171	Combined effects of global change pressures on animal-mediated pollination. <i>Trends in Ecology and Evolution</i> , 2013, 28, 524-530.	4.2	320
172	Urban land use limits regional bumble bee gene flow. <i>Molecular Ecology</i> , 2013, 22, 2483-2495.	2.0	108
173	Vulnerability of Pollination Ecosystem Services. , 2013, , 117-128.		3
174	Pollinator shifts between <i>Ophrys sphegodes</i> populations: might adaptation to different pollinators drive population divergence?. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2197-2208.	0.8	36
175	Grassland Restoration on Landfill Sites in the East Midlands, United Kingdom: An Evaluation of Floral Resources and Pollinating Insects. <i>Restoration Ecology</i> , 2013, 21, 560-568.	1.4	52
176	Flower color polymorphism in <i>Iris lutescens</i> (Iridaceae): Biochemical analyses in light of plant-insect interactions. <i>Phytochemistry</i> , 2013, 94, 123-134.	1.4	51
177	Obtaining a better taxonomic understanding of native bees: where do we start?. <i>Systematic Entomology</i> , 2013, 38, 645-653.	1.7	56
178	Conserving genetic diversity in the honeybee: Comments on Harpur et al. (2012). <i>Molecular Ecology</i> , 2013, 22, 3208-3210.	2.0	43
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180	Diesel exhaust rapidly degrades floral odours used by honeybees. <i>Scientific Reports</i> , 2013, 3, 2779.	1.6	93
181	Do plant traits influence a species' response to habitat disturbance? A meta-analysis. <i>Biological Conservation</i> , 2013, 168, 69-77.	1.9	13
182	Plant Invasions in Protected Areas. , 2013, , .		83
183	Neonicotinoids, bee disorders and the sustainability of pollinator services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 293-305.	3.1	352
184	Pollination of a threatened orchid by an introduced hawk moth species in the tallgrass prairie of North America. <i>Biological Conservation</i> , 2013, 167, 316-324.	1.9	14

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187	Are the birds dangerous for insect pollinators? The relationship between hymenopterans and the red-backed shrike. <i>Journal of Insect Conservation</i> , 2013, 17, 1155-1160.	0.8	4
188	The Impact of Global Warming on Floral Traits That Affect the Selfing Rate in a High-Altitude Plant. <i>International Journal of Plant Sciences</i> , 2013, 174, 1099-1108.	0.6	16
189	Chronic sublethal stress causes bee colony failure. <i>Ecology Letters</i> , 2013, 16, 1463-1469.	3.0	175
190	Pesticide-aden dust emission and drift from treated seeds during seed drilling: a review. <i>Pest Management Science</i> , 2013, 69, 564-575.	1.7	108
191	Patterns of Flower Visitation across Elevation and Successional Gradients in Hawaii. <i>Pacific Science</i> , 2013, 67, 253-266.	0.2	17
192	Present and Potential use of Bees as Managed Pollinators in Mexico. <i>Southwestern Entomologist</i> , 2013, 38, 133-148.	0.1	11
193	A survey of pollinator and plant interactions in meadow and grassland habitats of Marin County, California. <i>Bios</i> , 2013, 84, 1-7.	0.0	3
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195	Movement patterns of solitary bees in a threatened fragmented habitat. <i>Apidologie</i> , 2013, 44, 90-99.	0.9	15
196	Invasive species management restores a plant-pollinator mutualism in Hawaii. <i>Journal of Applied Ecology</i> , 2013, 50, 147-155.	1.9	60
197	Resource diversity and landscape-level homogeneity drive native bee foraging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 555-558.	3.3	213
198	The microsporidian parasites <i>Nosema ceranae</i> and <i>Nosema apis</i> are widespread in honeybee ( <i>Apis mellifera</i> ). <i>Journal of Insect Conservation</i> , 2013, 17, 113-125.	0.6	22
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202	The effects of aluminum and nickel in nectar on the foraging behavior of bumblebees. <i>Environmental Pollution</i> , 2013, 177, 78-81.	3.7	63

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203	Road verges and winter wheat fields as resources for wild bees in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2013, 173, 66-71.	2.5	16
204	Can pollination services, species diversity and conservation be simultaneously promoted by sown wildflower strips on farmland?. <i>Agriculture, Ecosystems and Environment</i> , 2013, 179, 18-24.	2.5	68
205	A review of mate-finding effects in insects: from individual behavior to population management. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 146, 79-92.	0.7	49
206	Biodiversity buffers pollination from changes in environmental conditions. <i>Global Change Biology</i> , 2013, 19, 540-547.	4.2	176
207	Interactive effect of reduced pollen availability and <i>Varroa destructor</i> infestation limits growth and protein content of young honey bees. <i>Journal of Insect Physiology</i> , 2013, 59, 487-493.	0.9	42
208	Wild Pollinators Enhance Fruit Set of Crops Regardless of Honey Bee Abundance. <i>Science</i> , 2013, 339, 1608-1611.	6.0	1,767
209	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. <i>Nature Communications</i> , 2013, 4, 1634.	5.8	215
210	Bee diversity effects on pollination depend on functional complementarity and niche shifts. <i>Ecology</i> , 2013, 94, 2042-2054.	1.5	232
211	Comparison of pollinators and natural enemies: a meta-analysis of landscape and local effects on abundance and richness in crops. <i>Biological Reviews</i> , 2013, 88, 1002-1021.	4.7	202
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214	Nitric oxide participates at the first steps of <i>Apis mellifera</i> cellular immune activation in response to non-self recognition. <i>Apidologie</i> , 2013, 44, 575-585.	0.9	23
215	Maintenance of temporal synchrony between syrphid flies and floral resources despite differential phenological responses to climate. <i>Global Change Biology</i> , 2013, 19, 2348-2359.	4.2	100
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217	Decline of nest site availability and nest density of underground bees along a distance gradient from human settlements. <i>Entomological Science</i> , 2013, 16, 170-178.	0.3	21
218	Comparing <i>Apis Mellifera</i> and <i>Bombus</i> spp. Pollination Efficiencies on Willamette Valley Blueberry Farms. <i>Oregon Undergraduate Research Journal</i> , 2013, 4, .	0.0	3
219	Flowering plants under global pollinator decline. <i>Trends in Plant Science</i> , 2013, 18, 353-359.	4.3	137
220	Pathogen prevalence in commercially reared bumble bees and evidence of spillover in conspecific populations. <i>Biological Conservation</i> , 2013, 159, 269-276.	1.9	97

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222	Native bees buffer the negative impact of climate warming on honey bee pollination of watermelon crops. <i>Global Change Biology</i> , 2013, 19, 3103-3110.	4.2	133
223	Shorter flowering seasons and declining abundance of flower visitors in a warmer Arctic. <i>Nature Climate Change</i> , 2013, 3, 759-763.	8.1	184
224	Ecological intensification: harnessing ecosystem services for food security. <i>Trends in Ecology and Evolution</i> , 2013, 28, 230-238.	4.2	1,325
225	Using plant functional traits as a link between land use and bee foraging abundance. <i>Acta Oecologica</i> , 2013, 50, 32-39.	0.5	9
226	Threats to an ecosystem service: pressures on pollinators. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 251-259.	1.9	980
227	Microbial symbionts of honeybees: a promising tool to improve honeybee health. <i>New Biotechnology</i> , 2013, 30, 716-722.	2.4	53
228	Biodiversity and Human Health. , 2013, , 357-372.		0
229	Biodiversity-Friendly Farming. , 2013, , 418-429.		5
230	Emerging dangers: Deadly effects of an emergent parasite in a new pollinator host. <i>Journal of Invertebrate Pathology</i> , 2013, 114, 114-119.	1.5	127
231	When Can Plant-Pollinator Interactions Promote Plant Diversity?. <i>American Naturalist</i> , 2013, 182, 131-146.	1.0	25
232	Hedgerow restoration promotes pollinator populations and exports native bees to adjacent fields. <i>Ecological Applications</i> , 2013, 23, 829-839.	1.8	277
233	Ecological Restoration. <i>Advances in Agronomy</i> , 2013, , 173-222.	2.4	42
234	The Global Plight of Pollinators. <i>Science</i> , 2013, 339, 1532-1533.	6.0	86
235	Contrasting effects of mass-flowering crops on bee pollination of hedge plants at different spatial and temporal scales. <i>Ecological Applications</i> , 2013, 23, 1938-1946.	1.8	100
236	Almond orchards with living ground cover host more wild insect pollinators. <i>Journal of Insect Conservation</i> , 2013, 17, 1011-1025.	0.8	58
237	Is there a benefit of excluding sheep from pastures at flowering peak on flower-visiting insect diversity?. <i>Journal of Insect Conservation</i> , 2013, 17, 287-294.	0.8	13
238	Among-species differences in pollen quality and quantity limitation: implications for endemics in biodiverse hotspots. <i>Annals of Botany</i> , 2013, 112, 1461-1469.	1.4	47

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240	Eco-Evolutionary Dynamics of Agricultural Networks. <i>Advances in Ecological Research</i> , 2013, 49, 339-435.	1.4	54
241	Chronic Bee Paralysis Virus and <i>Nosema ceranae</i> Experimental Co-Infection of Winter Honey Bee Workers ( <i>Apis mellifera</i> L.). <i>Viruses</i> , 2013, 5, 2282-2297.	1.5	46
242	When ecosystem services interact: crop pollination benefits depend on the level of pest control. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122243.	1.2	81
243	First Isolation of a <i>Marseillevirus</i> in the Diptera <i>Syrphidae</i> <i>Eristalis tenax</i> . <i>Intervirology</i> , 2013, 56, 386-394.	1.2	55
244	Historical changes in northeastern US bee pollinators related to shared ecological traits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4656-4660.	3.3	432
245	Factors influencing the foraging activity of the allodapine bee <i>Braunsapis puangensis</i> on creeping daisy ( <i>Sphagnetocola trilobata</i> ) in Fiji. <i>Journal of Hymenoptera Research</i> , 0, 35, 59-69.	0.8	7
246	Different toxic and hormetic responses of <i>Bombus impatiens</i> to <i>Beauveria bassiana</i> , <i>Bacillus subtilis</i> and <i>spirotetramat</i> . <i>Pest Management Science</i> , 2013, 69, 949-954.	1.7	25
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248	USE OF PRIMARY CULTURES OF KENYON CELLS FROM BUMBLEBEE BRAINS TO ASSESS PESTICIDE SIDE EFFECTS. <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 84, 43-56.	0.6	11
249	Assessing the impact of an introduced bee, <i>Anthidium manicatum</i> , on pollinator communities in New Zealand. <i>New Zealand Journal of Botany</i> , 2013, 51, 213-228.	0.8	16
250	Enhanced biodiversity and pollination in UK agroforestry systems. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 2073-2075.	1.7	39
251	Assemblage of flower visitors to <i>Dillenia suffruticosa</i> and possible negative effects of disturbances in Sarawak, Malaysia. <i>Entomological Science</i> , 2013, 16, 341-351.	0.3	2
252	Boron fertilizers in rape – a risk for honey bees?. <i>Journal of Applied Entomology</i> , 2013, 137, 661-667.	0.8	6
253	Patterns of benthic algae and cyanobacteria along twin-stressor gradients of nutrients and fine sediment: a stream mesocosm experiment. <i>Freshwater Biology</i> , 2013, 58, 1849-1863.	1.2	67
254	Signatures of selection in the Iberian honey bee ( <i>Apis mellifera</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 Ecology, 2013, 22, 5890-5907.	2.0	47
255	Single pollinator species losses reduce floral fidelity and plant reproductive function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13044-13048.	3.3	262
256	A pollinators' eye view of a shelter mimicry system. <i>Annals of Botany</i> , 2013, 111, 1155-1165.	1.4	38

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259	New insights on the genetic diversity of the honeybee parasite <i>Nosema ceranae</i> based on multilocus sequence analysis. <i>Parasitology</i> , 2013, 140, 1346-1356.	0.7	31
260	Physiological effects of climate warming on flowering plants and insect pollinators and potential consequences for their interactions. <i>Environmental Epigenetics</i> , 2013, 59, 418-426.	0.9	168
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262	Pollinator declines: reconciling scales and implications for ecosystem services. <i>F1000Research</i> , 2013, 2, 146.	0.8	20
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265	Size Changes in Honey Bee Larvae Oenocytes Induced by Exposure to Paraquat at Very Low Concentrations. <i>PLoS ONE</i> , 2013, 8, e65693.	1.1	50
266	Pollination Services Provided by Bees in Pumpkin Fields Supplemented with Either <i>Apis mellifera</i> or <i>Bombus impatiens</i> or Not Supplemented. <i>PLoS ONE</i> , 2013, 8, e69819.	1.1	43
267	Flower Volatiles, Crop Varieties and Bee Responses. <i>PLoS ONE</i> , 2013, 8, e72724.	1.1	60
268	The Effect of Olfactory Exposure to Non-Insecticidal Agrochemicals on Bumblebee Foraging Behavior. <i>PLoS ONE</i> , 2013, 8, e76273.	1.1	16
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271	Repression and Recuperation of Brood Production in <i>Bombus terrestris</i> Bumble Bees Exposed to a Pulse of the Neonicotinoid Pesticide Imidacloprid. <i>PLoS ONE</i> , 2013, 8, e79872.	1.1	46
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273	Genetic Variability of the Neogregarine <i>Apicystis bombi</i> , an Etiological Agent of an Emergent Bumblebee Disease. <i>PLoS ONE</i> , 2013, 8, e81475.	1.1	28
274	Linking Land Cover Data and Crop Yields for Mapping and Assessment of Pollination Services in Europe. <i>Land</i> , 2013, 2, 472-492.	1.2	97



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276	EFSA's 18th Scientific Colloquium on Towards holistic approaches to the risk assessment of multiple stressors in bees. <i>EFSA Supporting Publications</i> , 2013, 10, 509E.	0.3	0
277	Agricultural Policies Exacerbate Honeybee Pollination Service Supply-Demand Mismatches Across Europe. <i>PLoS ONE</i> , 2014, 9, e82996.	1.1	171
278	Microbial Communities of Three Sympatric Australian Stingless Bee Species. <i>PLoS ONE</i> , 2014, 9, e105718.	1.1	56
279	Promoting Pollinating Insects in Intensive Agricultural Matrices: Field-Scale Experimental Manipulation of Hay-Meadow Mowing Regimes and Its Effects on Bees. <i>PLoS ONE</i> , 2014, 9, e85635.	1.1	58
280	Sex-Specific Differences in Pathogen Susceptibility in Honey Bees ( <i>Apis mellifera</i> ). <i>PLoS ONE</i> , 2014, 9, e85261.	1.1	52
281	Pollinator Interactions with Yellow Starthistle ( <i>Centaurea solstitialis</i> ) across Urban, Agricultural, and Natural Landscapes. <i>PLoS ONE</i> , 2014, 9, e86357.	1.1	45
282	Railway Embankments as New Habitat for Pollinators in an Agricultural Landscape. <i>PLoS ONE</i> , 2014, 9, e101297.	1.1	51
283	Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators. <i>PLoS ONE</i> , 2014, 9, e102725.	1.1	77
284	Honeybee Colony Disorder in Crop Areas: The Role of Pesticides and Viruses. <i>PLoS ONE</i> , 2014, 9, e103073.	1.1	139
285	Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. <i>PLoS ONE</i> , 2014, 9, e103592.	1.1	182
286	So Near and Yet So Far: Harmonic Radar Reveals Reduced Homing Ability of <i>Nosema</i> Infected Honeybees. <i>PLoS ONE</i> , 2014, 9, e103989.	1.1	108
287	Habitat and Forage Associations of a Naturally Colonising Insect Pollinator, the Tree Bumblebee <i>Bombus hypnorum</i> . <i>PLoS ONE</i> , 2014, 9, e107568.	1.1	33
288	Neonicotinoid-Contaminated Puddles of Water Represent a Risk of Intoxication for Honey Bees. <i>PLoS ONE</i> , 2014, 9, e108443.	1.1	106
289	Phenology of Migration and Decline in Colony Numbers and Crop Hosts of Giant Honeybee ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	15
290	Contribution of insect pollinators to crop yield and quality varies with agricultural intensification. <i>PeerJ</i> , 2014, 2, e328.	0.9	183
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298	Bumblebee-mediated pollination of English populations of the Military Orchid ( <i>Orchis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (c Journal of Botany, 2014, 4, 122-133.	0.2	2
299	Lack of Pollinators Limits Fruit Production in Commercial Blueberry (&I&gt;Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td (c 0.7	0.7	64
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303	CLIMBER: Climatic niche characteristics ofÂtheÂbutterflies in Europe. ZooKeys, 2014, 367, 65-84.	0.5	50
304	On the Front Line: Quantitative Virus Dynamics in Honeybee ( <i>Apis mellifera</i> L.) Colonies along a New Expansion Front of the Parasite <i>Varroa destructor</i> . PLoS Pathogens, 2014, 10, e1004323.	2.1	195
305	Pollination ecosystem services in South African agricultural systems. South African Journal of Science, 2014, 110, 9.	0.3	28
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308	An assessment of <i>Osmia rufa</i> (<i>syn. <i>bicornis</i>) as a pollinator of the sour cherry (<i>Prunus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (c 0.7	0.7	16
309	Phenology of high-arctic butterflies and their floral resources: Species-specific responses to climate change. Environmental Epigenetics, 2014, 60, 243-251.	0.9	49
310	Influence of Nest Box Color and Release Sites on &I&gt;Osmia lignaria&I&gt; (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (c 0.8	0.8	24

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312	Do plant reproductive traits influence species susceptibility to decline?. <i>Plant Ecology and Evolution</i> , 2014, 147, 154-164.	0.3	21
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314	A survey of managed honey bee colony losses in the Republic of South Africa—2009 to 2011. <i>Journal of Apicultural Research</i> , 2014, 53, 35-42.	0.7	109
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316	Mutualistic Interactions and Biological Invasions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 89-113.	3.8	324
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350	Pesticide Residues and Bees – A Risk Assessment. <i>PLoS ONE</i> , 2014, 9, e94482.	1.1	615
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409	Evolutionary and plastic responses to climate change in terrestrial plant populations. <i>Evolutionary Applications</i> , 2014, 7, 123-139.	1.5	462
410	Density of insect-pollinated grassland plants decreases with increasing surrounding land-use intensity. <i>Ecology Letters</i> , 2014, 17, 1168-1177.	3.0	87
411	Flower Visitors of <i>Hymenocallis coronaria</i> (Rocky Shoals Spider-lily) of Landsford Canal State Park – South Carolina, USA. <i>Natural Areas Journal</i> , 2014, 34, 332-337.	0.2	3
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422	Effect of oral infection with Kashmir bee virus and Israeli acute paralysis virus on bumblebee ( <i>Bombus</i> ) Tj ETQq1 1 0,784314 rgBT /Over	1.5	64
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439	Insect-flower interactions: network structure in organic versus conventional vineyards. <i>Animal Conservation</i> , 2014, 17, 401-409.	1.5	19
440	Shifts in pollinator population structure may jeopardize pollination service. <i>Journal of Theoretical Biology</i> , 2014, 352, 24-30.	0.8	6
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458	Superorganism resilience: eusociality and susceptibility of ecosystem service providing insects to stressors. <i>Current Opinion in Insect Science</i> , 2015, 12, 109-112.	2.2	105
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461	Bumble Bees (Hymenoptera: Apidae) of Oklahoma: Past and Present Biodiversity. <i>Journal of the Kansas Entomological Society</i> , 2015, 88, 418.	0.1	11
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467	Seasonal cycles, phylogenetic assembly, and functional diversity of orchid bee communities. <i>Ecology and Evolution</i> , 2015, 5, 1896-1907.	0.8	26
468	How much flower-rich habitat is enough for wild pollinators? Answering a key policy question with incomplete knowledge. <i>Ecological Entomology</i> , 2015, 40, 22-35.	1.1	130
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470	Statement on the suitability of the BEEHAVE model for its potential use in a regulatory context and for the risk assessment of multiple stressors in honeybees at the landscape level. <i>EFSA Journal</i> , 2015, 13, 4125.	0.9	31
471	Field populations of native Indian honey bees from pesticide intensive agricultural landscape show signs of impaired olfaction. <i>Scientific Reports</i> , 2015, 5, 12504.	1.6	18
472	The combined effect of clothianidin and environmental stress on the behavioral and reproductive function in male mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1207-1215.	0.3	64
473	Neonicotinoid pesticides severely affect honey bee queens. <i>Scientific Reports</i> , 2015, 5, 14621.	1.6	190
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476	Bumblebee learning and memory is impaired by chronic exposure to a neonicotinoid pesticide. <i>Scientific Reports</i> , 2015, 5, 16508.	1.6	141
477	Deer overbrowsing on autumn-flowering plants causes bumblebee decline and impairs pollination service. <i>Ecosphere</i> , 2015, 6, 1-13.	1.0	24
478	Passive laboratory surveillance in Spain: pathogens as risk factors for honey bee colony collapse. <i>Journal of Apicultural Research</i> , 2015, 54, 525-531.	0.7	10
479	Regional vegetation change and implications for local conservation: An example from West Cornwall (United Kingdom). <i>Global Ecology and Conservation</i> , 2015, 4, 405-413.	1.0	6
480	Does ingestion of neem-contaminated diet cause mortality of honey bee larvae and foragers?. <i>Journal of Apicultural Research</i> , 2015, 54, 405-410.	0.7	6
481	Pesticide use within a pollinator-dependent crop has negative effects on the abundance and species richness of sweat bees, <i>Lasioglossum</i> spp., and on bumble bee colony growth. <i>Journal of Insect Conservation</i> , 2015, 19, 999-1010.	0.8	33
482	The Activity of Cholinesterases in Diapausing and Flying Red Mason Bees & <i>Osmia bicornis</i> (Megachilidae). <i>Folia Biologica</i> , 2015, 63, 235-240.	0.1	1
483	Rearing and foraging affects bumblebee ( <i>Bombus terrestris</i> ) gut microbiota. <i>Environmental Microbiology Reports</i> , 2015, 7, 634-641.	1.0	15
484	Reduced-risk insecticides in Neotropical stingless bee species: impact on survival and activity. <i>Annals of Applied Biology</i> , 2015, 167, 186-196.	1.3	51
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486	Agriculture and the threat to biodiversity in sub-saharan africa. <i>Environmental Research Letters</i> , 2015, 10, 095015.	2.2	49
487	Ecological traits affect the sensitivity of bees to land-use pressures in European agricultural landscapes. <i>Journal of Applied Ecology</i> , 2015, 52, 1567-1577.	1.9	127
488	Indirect effects of grazing intensity on pollinators and floral visitation. <i>Ecological Entomology</i> , 2015, 40, 451-460.	1.1	34
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490	Assessing spatial population structure and heterogeneity in the dronefly. <i>Journal of Zoology</i> , 2015, 297, 286-300.	0.8	8
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492	Genome analyses suggest the presence of polyploidy and recent human-driven expansions in eight global populations of the honeybee pathogen <i>Nosema ceranae</i> . <i>Environmental Microbiology</i> , 2015, 17, 4443-4458.	1.8	66

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494	EDITOR'S CHOICE: Enhancing gardens as habitats for flower-visiting aerial insects (pollinators): should we plant native or exotic species?. <i>Journal of Applied Ecology</i> , 2015, 52, 1156-1164.	1.9	186
495	High-throughput monitoring of wild bee diversity and abundance via mitogenomics. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1034-1043.	2.2	119
496	Pollinator rarity as a threat to a plant with a specialized pollination system. <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 511-525.	0.8	30
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503	Effects of abiotic factors on the foraging activity of <i>Apis mellifera</i> Linnaeus, 1758 in inflorescences of <i>Vernonia polyanthes</i> Less (Asteraceae). <i>Acta Scientiarum - Animal Sciences</i> , 2015, 37, 405.	0.3	10
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505	Pollinator Power: Nutrition Security Benefits of an Ecosystem Service. <i>Environmental Health Perspectives</i> , 2015, 123, A210-5.	2.8	9
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507	Neonicotinoid Insecticide Residues in Surface Water and Soil Associated with Commercial Maize (Corn) Fields in Southwestern Ontario. <i>PLoS ONE</i> , 2015, 10, e0118139.	1.1	179
508	Deep Sequencing and Ecological Characterization of Gut Microbial Communities of Diverse Bumble Bee Species. <i>PLoS ONE</i> , 2015, 10, e0118566.	1.1	22
509	Assessment of Chronic Sublethal Effects of Imidacloprid on Honey Bee Colony Health. <i>PLoS ONE</i> , 2015, 10, e0118748.	1.1	139
510	“Bee Hotels” as Tools for Native Pollinator Conservation: A Premature Verdict?. <i>PLoS ONE</i> , 2015, 10, e0122126.	1.1	97

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512	16S rRNA Amplicon Sequencing Demonstrates that Indoor-Reared Bumblebees ( <i>Bombus terrestris</i> ) Harbor a Core Subset of Bacteria Normally Associated with the Wild Host. PLoS ONE, 2015, 10, e0125152.	1.1	51
513	Nest Suitability, Fine-Scale Population Structure and Male-Mediated Dispersal of a Solitary Ground Nesting Bee in an Urban Landscape. PLoS ONE, 2015, 10, e0125719.	1.1	44
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521	Lessons from Red Data Books: Plant Vulnerability Increases with Floral Complexity. PLoS ONE, 2015, 10, e0138414.	1.1	20
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527	An Economic Valuation of Biotic Pollination Services in Georgia. <i>Journal of Economic Entomology</i> , 2015, 108, 388-398.	0.8	13
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530	The role of biotic forces in driving macroevolution: beyond the Red Queen. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150186.	1.2	81
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533	Causes of variation in wild bee responses to anthropogenic drivers. Current Opinion in Insect Science, 2015, 10, 104-109.	2.2	89
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536	Testing projected wild bee distributions in agricultural habitats: predictive power depends on species traits and habitat type. Ecology and Evolution, 2015, 5, 4426-4436.	0.8	9
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538	The conservation value of urban green space habitats for Australian native bee communities. Biological Conservation, 2015, 187, 240-248.	1.9	163
539	Interaction between <i>Varroa destructor</i> and imidacloprid reduces flight capacity of honeybees. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151738.	1.2	62
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569	A comparison of techniques for assessing farmland bumblebee populations. <i>Oecologia</i> , 2015, 177, 1093-1102.	0.9	23
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595	Dynamics of <i>Apis mellifera</i> Filamentous Virus (AmFV) Infections in Honey Bees and Relationships with Other Parasites. <i>Viruses</i> , 2015, 7, 2654-2667.	1.5	44
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600	Using pennycress, camelina, and canola cash cover crops to provision pollinators. <i>Industrial Crops and Products</i> , 2015, 75, 20-25.	2.5	87
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615	Pesticide exposure of honeybees ( <i>Apis mellifera</i> ) pollinating melon crops. <i>Apidologie</i> , 2015, 46, 703-715.	0.9	32
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785	A three-year survey of honey bee viruses in Lithuania. <i>Journal of Apicultural Research</i> , 2016, 55, 176-184.	0.7	9
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788	Dispersal Limitation, Climate Change, and Practical Tools for Butterfly Conservation in Intensively Used Landscapes. <i>Natural Areas Journal</i> , 2016, 36, 440.	0.2	9
789	The Role of Honey Bees as Pollinators in Natural Areas. <i>Natural Areas Journal</i> , 2016, 36, 478-488.	0.2	38
790	The Importance of Phenological Diversity in Seed Mixes for Pollinator Restoration. <i>Natural Areas Journal</i> , 2016, 36, 531.	0.2	38
791	Fertilization in flowering plants. <i>Resonance</i> , 2016, 21, 827-842.	0.2	3
792	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in Northern Germany: effects on red mason bees ( <i>Osmia bicornis</i> ). <i>Ecotoxicology</i> , 2016, 25, 1679-1690.	1.1	40
793	Beneficial microorganisms for honey bees: problems and progresses. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9469-9482.	1.7	77
794	Colour is more than hue: preferences for compiled colour traits in the stingless bees <i>Melipona mondury</i> and <i>M. quadrifasciata</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 615-627.	0.7	37
795	Hoverflies ( <i>Diptera: Syrphidae</i> ) benefit from a cultivation of the bioenergy crop <i>Silphium perfoliatum</i> L. ( <i>Asteraceae</i> ) depending on larval feeding type, landscape composition and crop management. <i>Agricultural and Forest Entomology</i> , 2016, 18, 419-431.	0.7	19
796	Habitat type plays a greater role than livestock grazing in structuring shrubsteppe plant-pollinator communities. <i>Journal of Insect Conservation</i> , 2016, 20, 515-525.	0.8	11
797	Initial recommendations for higher-tier risk assessment protocols for bumble bees, <i>Bombus</i> spp. (Hymenoptera: Apidae). <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 222-229.	1.6	32
798	Measuring floral resource availability for insect pollinators in temperate grasslands—A review. <i>Ecological Entomology</i> , 2016, 41, 231-240.	1.1	34
799	The impact of sublethal concentrations of Cu, Pb and Cd on honey bee redox status, superoxide dismutase and catalase in laboratory conditions. <i>Chemosphere</i> , 2016, 164, 98-105.	4.2	55
800	Land-use change reduces habitat suitability for supporting managed honey bee colonies in the Northern Great Plains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10430-10435.	3.3	151
801	Defining the Insect Pollinator Community Found in Iowa Corn and Soybean Fields: Implications for Pollinator Conservation. <i>Environmental Entomology</i> , 2016, 45, 1099-1106.	0.7	32
802	Bumble bee species exhibit divergent responses to urbanisation in a southern California landscape. <i>Ecological Entomology</i> , 2016, 41, 685-692.	1.1	18
803	Responses of Varroa-resistant honey bees ( <i>Apis mellifera</i> L.) to Deformed wing virus. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 921-927.	0.4	17
804	Effects of microbial, organically acceptable, and reduced risk insecticides on <i>Anthonomus signatus</i> (Curculionidae: Coleoptera) in strawberries ( <i>Fragaria</i> — <i>Ananassa</i> ). <i>Crop Protection</i> , 2016, 89, 255-258.	1.0	3

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805	Mass Flowering Crops as a Conservation Resource for Wild Pollinators (Hymenoptera: Apoidea). <i>Journal of the Kansas Entomological Society</i> , 2016, 89, 158-167.	0.1	22
806	Safeguarding pollinators and their values to human well-being. <i>Nature</i> , 2016, 540, 220-229.	13.7	1,204
807	Differential expression pattern of Vago in bumblebee ( <i>Bombus terrestris</i> ), induced by virulent and avirulent virus infections. <i>Scientific Reports</i> , 2016, 6, 34200.	1.6	14
808	Social apoptosis in honey bee superorganisms. <i>Scientific Reports</i> , 2016, 6, 27210.	1.6	54
809	Evolutionary consequences of ecological factors: pollinator reliability predicts mating system traits of a perennial plant. <i>Ecology Letters</i> , 2016, 19, 1486-1495.	3.0	39
810	Effects of <i>Nosema apis</i> , <i>N. ceranae</i> , and coinfections on honey bee ( <i>Apis mellifera</i> ) learning and memory. <i>Scientific Reports</i> , 2016, 6, 22626.	1.6	27
811	Scale dependent drivers of wild bee diversity in tropical heterogeneous agricultural landscapes. <i>Ecology and Evolution</i> , 2016, 6, 6983-6992.	0.8	32
812	Floral abundance and resource quality influence pollinator choice. <i>Insect Conservation and Diversity</i> , 2016, 9, 481-494.	1.4	72
813	Diversity and Resource Use Patterns of Anthophile Insects in Cuatro CiÃ©negas, Coahuila, Mexico. <i>Environmental Entomology</i> , 2016, 45, 1386-1397.	0.7	6
814	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in northern Germany: residues of clothianidin in pollen, nectar and honey. <i>Ecotoxicology</i> , 2016, 25, 1691-1701.	1.1	43
815	Sampling bee communities using pan traps: alternative methods increase sample size. <i>Journal of Insect Conservation</i> , 2016, 20, 919-922.	0.8	16
817	Neonicotinoid insecticides can serve as inadvertent insect contraceptives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160506.	1.2	93
818	Elevated virulence of an emerging viral genotype as a driver of honeybee loss. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160811.	1.2	162
819	Characterization of fructophilic lactic microbiota of <i>Apis mellifera</i> from the Caucasus Mountains. <i>Annals of Microbiology</i> , 2016, 66, 1387-1395.	1.1	12
820	Stewardship in Action. <i>Natural Areas Journal</i> , 2016, 36, 538-541.	0.2	0
821	Landscape structure influences bee community and coffee pollination at different spatial scales. <i>Agriculture, Ecosystems and Environment</i> , 2016, 235, 1-12.	2.5	88
822	Using metabarcoding to reveal and quantify plant-pollinator interactions. <i>Scientific Reports</i> , 2016, 6, 27282.	1.6	118
823	Bee Fauna and Floral Abundance Within Lawn-Dominated Suburban Yards in Springfield, MA. <i>Annals of the Entomological Society of America</i> , 2016, 109, 713-723.	1.3	57

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824	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in Northern Germany: effects on honey bees ( <i>Apis mellifera</i> ). <i>Ecotoxicology</i> , 2016, 25, 1648-1665.	1.1	52
825	Functional traits help to explain half-century long shifts in pollinator distributions. <i>Scientific Reports</i> , 2016, 6, 24451.	1.6	49
826	Diet Overlap of Mammalian Herbivores and Native Bees: Implications for Managing Co-occurring Grazers and Pollinators. <i>Natural Areas Journal</i> , 2016, 36, 458-477.	0.2	15
827	Eight new species of <i>Andrena</i> Fabricius (Hymenoptera: Apoidea: Andrenidae) from Israel—a Mediterranean hotspot for wild bees. <i>Zootaxa</i> , 2016, 4189, zootaxa.4189.3.3.	0.2	9
828	Land-use change has no detectable effect on reproduction of a disturbance-adapted, hawkmoth-pollinated plant species. <i>American Journal of Botany</i> , 2016, 103, 1950-1963.	0.8	18
829	Neonicotinoid-contaminated pollinator strips adjacent to cropland reduce honey bee nutritional status. <i>Scientific Reports</i> , 2016, 6, 29608.	1.6	87
830	Odonata (dragonflies and damselflies) as a bridge between ecology and evolutionary genomics. <i>Frontiers in Zoology</i> , 2016, 13, 46.	0.9	75
831	Impacts of neonicotinoid use on long-term population changes in wild bees in England. <i>Nature Communications</i> , 2016, 7, 12459.	5.8	367
832	Bumble bees regulate their intake of the essential protein and lipid pollen macronutrients. <i>Journal of Experimental Biology</i> , 2016, 219, 3962-3970.	0.8	72
833	Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. <i>Scientific Reports</i> , 2016, 6, 31153.	1.6	92
834	Optimal search patterns in honeybee orientation flights are robust against emerging infectious diseases. <i>Scientific Reports</i> , 2016, 6, 32612.	1.6	23
835	Forest ecosystems of temperate climatic regions: from ancient use to climate change. <i>New Phytologist</i> , 2016, 212, 871-887.	3.5	93
836	Drone exposure to the systemic insecticide Fipronil indirectly impairs queen reproductive potential. <i>Scientific Reports</i> , 2016, 6, 31904.	1.6	60
837	Decline of Bees and Other Pollinators. , 2016, , 109-118.		4
838	Features of urban green space favourable for large and diverse bee populations (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	2.3	48
839	Non-cultivated plants present a season-long route of pesticide exposure for honey bees. <i>Nature Communications</i> , 2016, 7, 11629.	5.8	211
840	Common Methods for Tallgrass Prairie Restoration and Their Potential Effects on Bee Diversity. <i>Natural Areas Journal</i> , 2016, 36, 400-411.	0.2	27
841	Stewardship in Action. <i>Natural Areas Journal</i> , 2016, 36, 538-541.	0.2	0

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842	Queens become workers: pesticides alter caste differentiation in bees. <i>Scientific Reports</i> , 2016, 6, 31605.	1.6	28
843	Assessment of the abrasion potential of pesticide-treated seeds using the Heubach test. <i>International Journal of Pest Management</i> , 2016, 62, 348-359.	0.9	17
844	Food Chain Restoration for Pollinators: Regional Habitat Recovery Strategies Involving Protected Areas of the Southwest. <i>Natural Areas Journal</i> , 2016, 36, 489-497.	0.2	12
845	Large-scale monitoring of effects of clothianidin dressed oilseed rape seeds on pollinating insects in Northern Germany: implementation of the monitoring project and its representativeness. <i>Ecotoxicology</i> , 2016, 25, 1630-1647.	1.1	26
846	Evidence for the effects of neonicotinoids used in arable crop production on non-target organisms and concentrations of residues in relevant matrices: a systematic map protocol. <i>Environmental Evidence</i> , 2016, 5, .	1.1	7
847	Nectar Production in Oilseeds: Food for Pollinators in an Agricultural Landscape. <i>Crop Science</i> , 2016, 56, 727-739.	0.8	27
848	Improving spatial arrangement of honeybee colonies to avoid pollination shortfall and depressed fruit set. <i>Journal of Applied Ecology</i> , 2016, 53, 350-359.	1.9	41
849	Flower abundance and vegetation height as predictors for nectar-feeding insect occurrence in Swedish semi-natural grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 230, 47-54.	2.5	32
850	Resources or landmarks: which factors drive homing success in <i>Tetragonula carbonaria</i> foraging in natural and disturbed landscapes?. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 701-708.	0.7	12
851	Approaches and Challenges to Managing <i>Nosema</i> (Microspora: Nosematidae) Parasites in Honey Bee (Hymenoptera: Apidae) Colonies. <i>Journal of Economic Entomology</i> , 2016, 109, 1487-1503.	0.8	35
852	A web-based application for beekeepers to visualise patterns of growth in floral resources using MODIS data. <i>Environmental Modelling and Software</i> , 2016, 83, 116-125.	1.9	17
853	Impacts of land use and land use changes on the resilience of beekeeping in Uruguay. <i>Forest Policy and Economics</i> , 2016, 70, 113-123.	1.5	23
854	Wild bee pollination networks in northern New England. <i>Journal of Insect Conservation</i> , 2016, 20, 325-337.	0.8	27
855	Pollinators and Global Food Security: the Need for Holistic Global Stewardship. <i>Food Ethics</i> , 2016, 1, 75-91.	1.2	96
856	Predicting plant attractiveness to pollinators with passive crowdsourcing. <i>Royal Society Open Science</i> , 2016, 3, 150677.	1.1	19
857	Evaluation of DISCOVAR de novo using a mosquito sample for cost-effective short-read genome assembly. <i>BMC Genomics</i> , 2016, 17, 187.	1.2	60
858	The Effects of Crop Intensification on the Diversity of Native Pollinator Communities. <i>Environmental Entomology</i> , 2016, 45, 865-872.	0.7	32
859	Generalist Behavior Describes Pollen Foraging for Perceived Oligolectic and Polylectic Bees. <i>Environmental Entomology</i> , 2016, 45, 909-919.	0.7	43



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860	Time-invariant differences between plant individuals in interactions with arthropods correlate with intraspecific variation in plant phenology, morphology and floral scent. <i>New Phytologist</i> , 2016, 210, 1357-1368.	3.5	40
861	Multiple stressors: using the honeybee model BEEHAVE to explore how spatial and temporal forage stress affects colony resilience. <i>Oikos</i> , 2016, 125, 1001-1016.	1.2	57
862	Impact of managed honey bee viruses on wild bees. <i>Current Opinion in Virology</i> , 2016, 19, 16-22.	2.6	117
863	Macronutrient ratios in pollen shape bumble bee ( <i>Bombus impatiens</i> ) foraging strategies and floral preferences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4035-42.	3.3	262
864	Recent and rapid diversification of the small carpenter bees in eastern North America. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 633-645.	0.7	28
865	Drought and leaf herbivory influence floral volatiles and pollinator attraction. <i>Global Change Biology</i> , 2016, 22, 1644-1654.	4.2	114
866	Honey Bees and Colony Collapse Disorder: A Pluralistic Reframing. <i>Geography Compass</i> , 2016, 10, 222-236.	1.5	45
867	Bees visiting flowers of <i>Thymus longicaulis</i> (Lamiaceae). <i>Plant Biosystems</i> , 2016, 150, 1182-1188.	0.8	6
868	Exploring the causes of high biodiversity of Iberian dehesas: the importance of wood pastures and marginal habitats. <i>Agroforestry Systems</i> , 2016, 90, 87-105.	0.9	62
869	A fluorescent method for visualization of <i>Nosema</i> infection in whole-mount honey bee tissues. <i>Journal of Invertebrate Pathology</i> , 2016, 135, 10-14.	1.5	11
870	Microsporidia – Emergent Pathogens in the Global Food Chain. <i>Trends in Parasitology</i> , 2016, 32, 336-348.	1.5	221
871	Floral resource limitation severely reduces butterfly survival, condition and flight activity in simplified agricultural landscapes. <i>Oecologia</i> , 2016, 180, 421-427.	0.9	26
872	The neonicotinoids thiacloprid, imidacloprid, and clothianidin affect the immunocompetence of honey bees ( <i>Apis mellifera</i> L.). <i>Journal of Insect Physiology</i> , 2016, 86, 40-47.	0.9	304
873	Do managed bees drive parasite spread and emergence in wild bees?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 64-75.	0.6	134
874	Honeybee health in Africa – a review. <i>Apidologie</i> , 2016, 47, 276-300.	0.9	77
875	The effect of chlorpyrifos on thermogenic capacity of bank voles selected for increased aerobic exercise metabolism. <i>Chemosphere</i> , 2016, 149, 383-390.	4.2	15
876	Taxonomic and Behavioral Composition of an Island Fauna: A Survey of Bees (Hymenoptera: Apoidea:). <i>Washington</i> , 2016, 118, 37-92.	0.0	19
877	Molecular Effects of Neonicotinoids in Honey Bees ( <i>Apis mellifera</i> ). <i>Environmental Science &amp; Technology</i> , 2016, 50, 4071-4081.	4.6	116

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878	Small sweat bees (Hymenoptera: Halictidae) as potential major pollinators of melon ( <i>Cucumis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	19
879	Temporal and density dependent impacts of an invasive plant on pollinators and pollination services to a native plant. <i>Ecosphere</i> , 2016, 7, e01233.	1.0	14
880	Delivery of floral resources and pollination services on farmland under three different wildlife-friendly schemes. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 142-151.	2.5	22
881	Long lasting summer flowerings of <i>Lythrum salicaria</i> as honeybee-friendly flower spots in Mediterranean basin agricultural wetlands. <i>Aquatic Botany</i> , 2016, 131, 1-6.	0.8	5
882	Distribution of <i>Croton linearis</i> in Miami-Dade County Preserves with Potential for Supporting the Federally Endangered Butterflies <i>Strymon acis bartrami</i> and <i>Anaea troglodyta florida</i> . <i>Natural Areas Journal</i> , 2016, 36, 81-87.	0.2	7
883	Chronic toxicity and physiological changes induced in the honey bee by the exposure to fipronil and <i>Bacillus thuringiensis</i> spores alone or combined. <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 205-213.	2.9	44
884	Underestimating neonicotinoid exposure: how extent and magnitude may be affected by land-use change. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7050-7054.	2.7	9
885	The Similarity and Appropriate Usage of Three Honey Bee (Hymenoptera: Apidae) Datasets for Longitudinal Studies. <i>Environmental Entomology</i> , 2016, 45, 277-282.	0.7	1
886	In vitro rearing of stingless bee queens and their acceptance rate into colonies. <i>Apidologie</i> , 2016, 47, 539-547.	0.9	11
887	Longan fruit farmers' demand for policies aimed at conserving native pollinating bees in Northern Thailand. <i>Ecosystem Services</i> , 2016, 18, 58-67.	2.3	20
888	Pressure of non-professional use of pesticides on operators, aquatic organisms and bees in Belgium. <i>Science of the Total Environment</i> , 2016, 550, 514-521.	3.9	18
889	Historical nectar assessment reveals the fall and rise of floral resources in Britain. <i>Nature</i> , 2016, 530, 85-88.	13.7	320
890	Deformed wing virus is a recent global epidemic in honeybees driven by <i>Varroa</i> mites. <i>Science</i> , 2016, 351, 594-597.	6.0	368
891	Europe's forest management did not mitigate climate warming. <i>Science</i> , 2016, 351, 597-600.	6.0	290
892	The secret pollinators: an overview of moth pollination with a focus on Europe and North America. <i>Arthropod-Plant Interactions</i> , 2016, 10, 21-28.	0.5	76
893	Pollination services for apple are dependent on diverse wild bee communities. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 1-7.	2.5	121
894	Restricting mutualistic partners to enforce trade reliance. <i>Nature Communications</i> , 2016, 7, 10322.	5.8	16
895	Effects of pollen dilution on infection of <i>Nosema ceranae</i> in honey bees. <i>Journal of Insect Physiology</i> , 2016, 87, 12-19.	0.9	76

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896	Parameterization of the InVEST Crop Pollination Model to spatially predict abundance of wild blueberry ( <i>Vaccinium angustifolium</i> Aiton) native bee pollinators in Maine, USA. <i>Environmental Modelling and Software</i> , 2016, 79, 1-9.	1.9	46
897	Mass flowering crops in a patchy agricultural landscape can reduce bee abundance in adjacent shrublands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 223, 22-30.	2.5	32
898	Arable weed decline in Northeast Spain: Does organic farming recover functional biodiversity?. <i>Agriculture, Ecosystems and Environment</i> , 2016, 223, 1-9.	2.5	39
899	Community composition of butterflies and bumblebees in fallows: niche breadth and dispersal capacity modify responses to fallow type and landscape. <i>Journal of Insect Conservation</i> , 2016, 20, 23-34.	0.8	17
900	Habitat management on multiple spatial scales can enhance bee pollination and crop yield in tropical homegardens. <i>Agriculture, Ecosystems and Environment</i> , 2016, 223, 144-151.	2.5	43
901	<i>Varroa destructor</i> Macula-like virus, Lake Sinai virus and other new RNA viruses in wild bumblebee hosts ( <i>Bombus pascuorum</i> , <i>Bombus lapidarius</i> and <i>Bombus pratorum</i> ). <i>Journal of Invertebrate Pathology</i> , 2016, 134, 6-11.	1.5	32
902	Diverse landscapes have a higher abundance and species richness of spring wild bees by providing complementary floral resources over bees' foraging periods. <i>Landscape Ecology</i> , 2016, 31, 1523-1535.	1.9	119
903	Divergent forms of endoplasmic reticulum stress trigger a robust unfolded protein response in honey bees. <i>Journal of Insect Physiology</i> , 2016, 86, 1-10.	0.9	20
904	LecoS – A python plugin for automated landscape ecology analysis. <i>Ecological Informatics</i> , 2016, 31, 18-21.	2.3	126
905	In vivo study of Dicer-2-mediated immune response of the small interfering RNA pathway upon systemic infections of virulent and avirulent viruses in <i>Bombus terrestris</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 127-137.	1.2	50
906	Diversity and life-history traits of wild bees (Insecta: Hymenoptera) in intensive agricultural landscapes in the Rolling Pampa, Argentina. <i>Journal of Natural History</i> , 2016, 50, 1175-1196.	0.2	26
907	Modeling the status, trends, and impacts of wild bee abundance in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 140-145.	3.3	352
908	Degradation of soil fertility can cancel pollination benefits in sunflower. <i>Oecologia</i> , 2016, 180, 581-587.	0.9	21
909	Non-bee insects are important contributors to global crop pollination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 146-151.	3.3	618
910	Landscape genetics of a tropical rescue pollinator. <i>Conservation Genetics</i> , 2016, 17, 267-278.	0.8	71
911	The genetic consequences of the anthropogenic movement of social bees. <i>Insectes Sociaux</i> , 2016, 63, 15-24.	0.7	31
912	Lost colonies found in a data mine: Global honey trade but not pests or pesticides as a major cause of regional honeybee colony declines. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 44-50.	2.5	75
913	Nectar chemistry mediates the behavior of parasitized bees: consequences for plant fitness. <i>Ecology</i> , 2016, 97, 325-337.	1.5	65

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914	European isolates of the Microsporidia <i>Nosema apis</i> and <i>Nosema ceranae</i> have similar virulence in laboratory tests on European worker honey bees. <i>Apidologie</i> , 2016, 47, 57-65.	0.9	17
915	Pollen nutrition in honey bees ( <i>Apis mellifera</i> ): impact on adult health. <i>Apidologie</i> , 2016, 47, 15-25.	0.9	80
916	Pollinators in life cycle assessment: towards a framework for impact assessment. <i>Journal of Cleaner Production</i> , 2017, 140, 525-536.	4.6	38
917	Effects of fire on pollinators and pollination. <i>Journal of Applied Ecology</i> , 2017, 54, 313-322.	1.9	57
918	Different but the same: bumblebee species collect pollen of different plant sources but similar amino acid profiles. <i>Apidologie</i> , 2017, 48, 102-116.	0.9	50
919	Midgut bacterial communities in the giant Asian honeybee ( <i>Apis dorsata</i> ) across 4 developmental stages: A comparative study. <i>Insect Science</i> , 2017, 24, 81-92.	1.5	18
920	Effects of Imidacloprid and <i>Varroa destructor</i> on survival and health of European honey bees, <i>Apis mellifera</i> . <i>Insect Science</i> , 2017, 24, 467-477.	1.5	54
921	Using BEEHAVE to explore pesticide protection goals for European honeybee ( <i>Apis mellifera</i> L.) worker losses at different forage qualities. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 254-264.	2.2	23
922	Potential pollination maintenance by an exotic allopapine bee under climate change scenarios in the Indo-Pacific region. <i>Journal of Applied Entomology</i> , 2017, 141, 122-132.	0.8	9
923	Impact of pollen resources drift on common bumblebees in NW Europe. <i>Global Change Biology</i> , 2017, 23, 68-76.	4.2	36
924	Evaluation of the toxicity of fungicides to flight muscle mitochondria of bumblebee ( <i>Bombus</i> )	1.6	30
925	Flight range of the Australian stingless bee <i>Tetragonula carbonaria</i> (Hymenoptera: Apidae). <i>Austral Entomology</i> , 2017, 56, 50-53.	0.8	48
926	Impact of land-use change on flower-visiting insect communities on an oceanic island. <i>Insect Conservation and Diversity</i> , 2017, 10, 211-223.	1.4	18
927	Why Bees Are So Vulnerable to Environmental Stressors. <i>Trends in Ecology and Evolution</i> , 2017, 32, 268-278.	4.2	177
928	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death. <i>Science of the Total Environment</i> , 2017, 584-585, 751-775.	3.9	45
929	A "Landscape physiology" approach for assessing bee health highlights the benefits of floral landscape enrichment and semi-natural habitats. <i>Scientific Reports</i> , 2017, 7, 40568.	1.6	99
930	Regulation of genes related to immune signaling and detoxification in <i>Apis mellifera</i> by an inhibitor of histone deacetylation. <i>Scientific Reports</i> , 2017, 7, 41255.	1.6	36
931	Effects of abamectin and deltamethrin to the foragers honeybee workers of <i>Apis mellifera jemenatica</i> (Hymenoptera: Apidae) under laboratory conditions. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1007-1015.	1.8	21

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932	Effects of Habitat Fragmentation on the Nesting Dynamics of Desert Bees. <i>Annals of the Entomological Society of America</i> , 0, , saw081.	1.3	2
933	Pollen nutrients better explain bumblebee colony development than pollen diversity. <i>Insect Conservation and Diversity</i> , 2017, 10, 171-179.	1.4	74
934	Ecosystem restoration strengthens pollination network resilience and function. <i>Nature</i> , 2017, 542, 223-227.	13.7	265
935	Honeybee colony losses in Uruguay during 2013â€“2014. <i>Apidologie</i> , 2017, 48, 364-370.	0.9	35
936	A demographic approach to evaluating the impact of stressors on bumble bee colonies. <i>Ecological Entomology</i> , 2017, 42, 221-229.	1.1	22
937	Both landscape and local scale factors matter for the parental investment strategies of the pollinator <i>Osmia caerulea</i> . <i>Journal of Apicultural Research</i> , 2017, 56, 1-12.	0.7	10
938	Sublethal pesticide doses negatively affect survival and the cellular responses in American foulbrood-infected honeybee larvae. <i>Scientific Reports</i> , 2017, 7, 40853.	1.6	49
939	How to efficiently obtain accurate estimates of flower visitation rates by pollinators. <i>Basic and Applied Ecology</i> , 2017, 19, 11-18.	1.2	38
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942	Disentangling the contributions of dispersal limitation, ecological drift, and ecological filtering to wild bee community assembly. <i>Ecosphere</i> , 2017, 8, e01650.	1.0	14
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944	Assessment of the toxic effect of pesticides on honey bee drone fertility using laboratory and semifield approaches: A case study of fipronil. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2345-2351.	2.2	26
945	Using DNA metabarcoding to investigate honey bee foraging reveals limited flower use despite high floral availability. <i>Scientific Reports</i> , 2017, 7, 42838.	1.6	105
946	Wild pollinators enhance oilseed rape yield in small-holder farming systems in China. <i>BMC Ecology</i> , 2017, 17, 6.	3.0	37
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948	Introduced social bees reduce nectar availability during the breeding season of the swift parrot ( <i>Lathamus discolor</i> ). <i>Pacific Conservation Biology</i> , 2017, 23, 52.	0.5	4
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951	Melittofauna and Other Potential Pollinators in Wetland and Uplands in South Central Nebraska (Insecta: Apoidea). <i>Zootaxa</i> , 2017, 4242, 255.	0.2	4
952	The use of digital video recorders in pollination biology. <i>Ecological Entomology</i> , 2017, 42, 383-388.	1.1	23
953	Bumblebee footprints on birdâ€™s-foot trefoil uncover increasing flower visitation with land-use intensity. <i>Agriculture, Ecosystems and Environment</i> , 2017, 240, 77-83.	2.5	0
954	The friendship paradox in species-rich ecological networks: Implications for conservation and monitoring. <i>Biological Conservation</i> , 2017, 209, 245-252.	1.9	13
955	Updated list of bumblebees (Hymenoptera: Apidae) from the Spanish Pyrenees with notes on their decline and conservation status. <i>Zootaxa</i> , 2017, 4237, zootaxa.4237.1.3.	0.2	14
956	Risk assessment for large African hive beetles ( <i>Oplostomus</i> spp.)â€™a review. <i>Apidologie</i> , 2017, 48, 495-503.	0.9	12
957	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162149.	1.2	100
958	Climate change threatens pollination services in tomato crops in Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 257-264.	2.5	26
959	A novel GIS-based approach to assess beekeeping suitability of Mediterranean lands. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1045-1050.	1.8	32
960	Overlooking the smallest matter: viruses impact biological invasions. <i>Ecology Letters</i> , 2017, 20, 524-538.	3.0	31
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962	Climate change influences on pollinator, forest, and farm interactions across a climate gradient. <i>Climatic Change</i> , 2017, 141, 63-75.	1.7	18
963	<i>The Challenge</i> : Assessment of risks posed by systemic insecticides to hymenopteran pollinators: New perception when we move from laboratory via (semi)field to landscape scale testing?. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 17-24.	2.2	10
964	Floral abundance, richness, and spatial distribution drive urban garden bee communities. <i>Bulletin of Entomological Research</i> , 2017, 107, 658-667.	0.5	54
965	Agrochemical synergism imposes higher risk to Neotropical bees than to honeybees. <i>Royal Society Open Science</i> , 2017, 4, 160866.	1.1	50
966	Landscapes with high intensive fruit cultivation reduce wild pollinator services to sweet cherry. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 342-348.	2.5	37
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970	Replication of honey bee-associated RNA viruses across multiple bee species in apple orchards of Georgia, Germany and Kyrgyzstan. <i>Journal of Invertebrate Pathology</i> , 2017, 146, 14-23.	1.5	46
971	Agricultural Landscape and Pesticide Effects on Honey Bee (Hymenoptera: Apidae) Biological Traits. <i>Journal of Economic Entomology</i> , 2017, 110, 835-847.	0.8	33
972	Factors affecting bee communities in forest openings and adjacent mature forest. <i>Forest Ecology and Management</i> , 2017, 394, 111-122.	1.4	67
973	The impact of crop parameters and surrounding habitats on different pollinator group abundance on agricultural fields. <i>Agriculture, Ecosystems and Environment</i> , 2017, 243, 55-66.	2.5	16
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975	Genetic diversity of <i>Varroa destructor</i> parasitizing <i>Apis mellifera unicolor</i> in Madagascar. <i>Apidologie</i> , 2017, 48, 648-656.	0.9	2
976	Population genetics of wild and managed pollinators: implications for crop pollination and the genetic integrity of wild bees. <i>Conservation Genetics</i> , 2017, 18, 667-677.	0.8	10
977	Novel Consequences of Bird Pollination for Plant Mating. <i>Trends in Plant Science</i> , 2017, 22, 395-410.	4.3	92
978	Specialist nectar-yeasts decline with urbanization in Berlin. <i>Scientific Reports</i> , 2017, 7, 45315.	1.6	12
979	Local knowledge on native bees and their role as pollinators in agricultural communities. <i>Journal of Insect Conservation</i> , 2017, 21, 345-356.	0.8	12
980	Collating and validating indigenous and local knowledge to apply multiple knowledge systems to an environmental challenge: A case-study of pollinators in India. <i>Biological Conservation</i> , 2017, 211, 20-28.	1.9	41
981	Higher immunocompetence is associated with higher genetic diversity in feral honey bee colonies ( <i>Apis</i> ) Tj ETQq1 1.0,784314,rgBT /Ove	0.8	25
982	How hedge woody species diversity and habitat change is a function of land use history and recent management in a European agricultural landscape. <i>Journal of Environmental Management</i> , 2017, 196, 692-701.	3.8	7
983	Sunflower crop and climate change: vulnerability, adaptation, and mitigation potential from case-studies in Europe. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2017, 24, D102.	0.6	95
984	A theoretical basis for the study of predatory syrphid fly ecology. <i>Theoretical Ecology</i> , 2017, 10, 391-402.	0.4	4
986	The role of ants, birds and bats for ecosystem functions and yield in oil palm plantations. <i>Ecology</i> , 2017, 98, 1945-1956.	1.5	33

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988	Bio-inspired hierarchical micro- and nano-wrinkles obtained via mechanically directed self-assembly on shape-memory polymers. <i>Soft Matter</i> , 2017, 13, 4328-4334.	1.2	41
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990	Plant floral visitor network structure in a smallholder Cucurbitaceae agricultural system in the tropics: implications for the extinction of main floral visitors. <i>Arthropod-Plant Interactions</i> , 2017, 11, 731-740.	0.5	4
991	Toxicity of thiametoxam on in vitro reared honey bee brood. <i>Apidologie</i> , 2017, 48, 635-643.	0.9	19
992	Stress response in honeybees is associated with changes in task-related physiology and energetic metabolism. <i>Journal of Insect Physiology</i> , 2017, 98, 47-54.	0.9	54
993	Pollinator rarity limits reintroduction sites in an endangered sexually deceptive orchid ( <i>Caladenia</i> ). <i>Linnean Society</i> , 2017, 184, 122-136.	0.8	33
994	Exposure of larvae to thiamethoxam affects the survival and physiology of the honey bee at post-embryonic stages. <i>Environmental Pollution</i> , 2017, 229, 386-393.	3.7	59
995	The effects of ingested aqueous aluminum on floral fidelity and foraging strategy in honey bees ( <i>Apis</i> ). <i>Journal of Apiculture</i> , 2017, 16, 2-9.	2.9	16
996	Seasonal trends in honey bee pollen foraging revealed through DNA barcoding of bee-collected pollen. <i>Insectes Sociaux</i> , 2017, 64, 425-437.	0.7	24
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999	A dual role for farmlands: food security and pollinator conservation. <i>Journal of Ecology</i> , 2017, 105, 890-899.	1.9	41
1000	Scientific note on the first report of <i>Varroa destructor</i> in Cameroon. <i>Journal of Apicultural Research</i> , 2017, 56, 397-399.	0.7	0
1001	Big city <i>Bombus</i> : using natural history and land-use history to find significant environmental drivers in bumble-bee declines in urban development. <i>Royal Society Open Science</i> , 2017, 4, 170156.	1.1	51
1002	Wild bee nutritional ecology: predicting pollinator population dynamics, movement, and services from floral resources. <i>Current Opinion in Insect Science</i> , 2017, 21, 83-90.	2.2	59
1003	Landscape effects on pollinator communities and pollination services in small-holder agroecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2017, 246, 109-116.	2.5	45
1004	Invasion dynamics of Asian hornet, <i>Vespa velutina</i> (Hymenoptera: Vespidae): a case study of a commune in south-west France. <i>Applied Entomology and Zoology</i> , 2017, 52, 221-229.	0.6	36



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1006	Interactive effects of landscape-wide intensity of farming practices and landscape complexity on wild bee diversity. <i>Landscape Ecology</i> , 2017, 32, 1631-1642.	1.9	15
1007	Life-history traits of wild honey bee colonies living in forests around Ithaca, NY, USA. <i>Apidologie</i> , 2017, 48, 743-754.	0.9	42
1008	Applying pollen DNA metabarcoding to the study of plant-pollinator interactions. <i>Applications in Plant Sciences</i> , 2017, 5, 1600124.	0.8	115
1009	Host sharing by the honey bee parasites <i>Lotmaria passim</i> and <i>Nosema ceranae</i> . <i>Ecology and Evolution</i> , 2017, 7, 1850-1857.	0.8	27
1010	Oilseed rape ( <i>Brassica napus</i> ) as a resource for farmland insect pollinators: quantifying floral traits in conventional varieties and breeding systems. <i>GCB Bioenergy</i> , 2017, 9, 1370-1379.	2.5	42
1011	Toxicity of organophosphorus pesticides to the stingless bees <i>Scaptotrigona bipunctata</i> and <i>Tetragonisca fiebrigi</i> . <i>Apidologie</i> , 2017, 48, 612-620.	0.9	23
1012	Spring mortality in honey bees in northeastern Italy: detection of pesticides and viruses in dead honey bees and other matrices. <i>Journal of Apicultural Research</i> , 2017, 56, 239-254.	0.7	22
1013	Two ways of acquiring environmental knowledge: by encountering living animals at a beehive and by observing bees via digital tools. <i>International Journal of Science Education</i> , 2017, 39, 723-741.	1.0	31
1014	Local resources, linear elements and mass-flowering crops determine bumblebee occurrences in moderately intensified farmlands. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 90-100.	2.5	44
1015	Bee-Rustling on the Range: Trap-Nesting for Pollinators on Public Lands. <i>Natural Areas Journal</i> , 2017, 37, 265-269.	0.2	5
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1017	A Bio-Economic Case Study of Canadian Honey Bee (Hymenoptera: Apidae) Colonies: Marker-Assisted Selection (MAS) in Queen Breeding Affects Beekeeper Profits. <i>Journal of Economic Entomology</i> , 2017, 110, 816-825.	0.8	18
1018	Preponderance of clonality triggers loss of sex in <i>Bulbophyllum bicolor</i> , an obligately outcrossing epiphytic orchid. <i>Molecular Ecology</i> , 2017, 26, 3358-3372.	2.0	26
1019	Ecological intensification to mitigate impacts of conventional intensive land use on pollinators and pollination. <i>Ecology Letters</i> , 2017, 20, 673-689.	3.0	237
1020	Effects of steel foundation wire on elemental content and hygienic removal of honey bee ( <i>Apis mellifera</i> ) brood cells. <i>Journal of Apicultural Research</i> , 2017, 56, 239-254.	0.7	2
1021	Assessing wild bees in perennial bioenergy landscapes: effects of bioenergy crop composition, landscape configuration, and bioenergy crop area. <i>Landscape Ecology</i> , 2017, 32, 1023-1037.	1.9	16
1022	Stress-mediated Allee effects can cause the sudden collapse of honey bee colonies. <i>Journal of Theoretical Biology</i> , 2017, 420, 213-219.	0.8	42

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1024	Stress responses of honey bees to organic acid and essential oil treatments against varroa mites. <i>Journal of Apicultural Research</i> , 2017, 56, 175-181.	0.7	20
1025	Biodiversity impacts of bioenergy production: Microalgae vs. first generation biofuels. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 74, 1131-1146.	8.2	113
1026	An Internet-based platform for the estimation of outcrossing potential between cultivated and Chilean vascular plants. <i>Ecology and Evolution</i> , 2017, 7, 2480-2488.	0.8	1
1027	Landscape and pesticide effects on honey bees: forager survival and expression of acetylcholinesterase and brain oxidative genes. <i>Apidologie</i> , 2017, 48, 556-571.	0.9	22
1028	Enhancing plant diversity in agricultural landscapes promotes both rare bees and dominant crop-pollinating bees through complementary increase in key floral resources. <i>Journal of Applied Ecology</i> , 2017, 54, 1856-1864.	1.9	113
1029	Mediterranean lineage endemism, cold-adapted palaeodemographic dynamics and recent changes in population size in two solitary bees of the genus <i>Anthophora</i> . <i>Conservation Genetics</i> , 2017, 18, 521-538.	0.8	10
1030	Effect of Floral Diversity and Urbanization on Bee Species Community Composition in Phoenix, Arizona. <i>Journal of the Arizona-Nevada Academy of Science</i> , 2017, 47, 6-18.	0.1	4
1031	Spatial and temporal variations in floral resource availability affect bumblebee communities in heathlands. <i>Biodiversity and Conservation</i> , 2017, 26, 687-702.	1.2	10
1032	The eco-evolutionary impacts of domestication and agricultural practices on wild species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160033.	1.8	65
1033	Sweat bees on hot chillies: provision of pollination services by native bees in traditional slash-and-burn agriculture in the Yucatán Peninsula of tropical Mexico. <i>Journal of Applied Ecology</i> , 2017, 54, 1814-1824.	1.9	41
1034	Long-term effect of temperature on honey yield and honeybee phenology. <i>International Journal of Biometeorology</i> , 2017, 61, 1125-1132.	1.3	23
1035	Increased pollinator habitat enhances cacao fruit set and predator conservation. <i>Ecological Applications</i> , 2017, 27, 887-899.	1.8	39
1036	Genomics, transcriptomics and proteomics: enabling insights into social evolution and disease challenges for managed and wild bees. <i>Molecular Ecology</i> , 2017, 26, 718-739.	2.0	39
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1038	Bumble bee colony growth and reproduction depend on local flower dominance and natural habitat area in the surrounding landscape. <i>Biological Conservation</i> , 2017, 206, 217-223.	1.9	39
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1040	Plant-Pollinator Communication. <i>Advances in Botanical Research</i> , 2017, 82, 225-257.	0.5	44

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1042	Bumble Bees (Hymenoptera: Apidae) of Montana. <i>Annals of the Entomological Society of America</i> , 2017, 110, 129-144.	1.3	14
1043	Modelling seasonal effects of temperature and precipitation on honey bee winter mortality in a temperate climate. <i>Science of the Total Environment</i> , 2017, 579, 1581-1587.	3.9	103
1044	Survey and molecular detection of <i>Melissococcus plutonius</i> , the causative agent of European Foulbrood in honeybees in Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1327-1335.	1.8	9
1045	Euglossine bees mediate only limited long-distance gene flow in a tropical vine. <i>New Phytologist</i> , 2017, 213, 1898-1908.	3.5	17
1046	Predictive systems models can help elucidate bee declines driven by multiple combined stressors. <i>Apidologie</i> , 2017, 48, 328-339.	0.9	40
1047	Sublethal Effects of the Neonicotinoid Insecticide Thiamethoxam on the Transcriptome of the Honey Bees (Hymenoptera: Apidae). <i>Journal of Economic Entomology</i> , 2017, 110, 2283-2289.	0.8	57
1048	Urbanization-mediated context dependence in the effect of floral neighborhood on pollinator visitation. <i>Oecologia</i> , 2017, 185, 713-723.	0.9	9
1049	Potential use of <i>Negramina</i> ( <i>Siparuna guianensis</i> Aubl.) essential oil to control wax moths and its selectivity in relation to honey bees. <i>Industrial Crops and Products</i> , 2017, 109, 151-157.	2.5	25
1050	Farm and landscape factors interact to affect the supply of pollination services. <i>Agriculture, Ecosystems and Environment</i> , 2017, 250, 113-122.	2.5	68
1051	Wild Bee Community Assemblages Across Agricultural Landscapes. <i>Journal of Agricultural and Urban Entomology</i> , 2017, 33, 77-104.	0.6	10
1052	Detrimental interactions of neonicotinoid pesticide exposure and bumblebee immunity. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 273-283.	0.9	30
1053	Apiculture knowledge transmission in a changing world: Can family-owned knowledge be opened?. <i>Journal of Ethnic Foods</i> , 2017, 4, 262-267.	0.8	18
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1055	Flower resource and land management drives hoverfly communities and bee abundance in seminatural and agricultural grasslands. <i>Ecology and Evolution</i> , 2017, 7, 8073-8086.	0.8	33
1057	Climate drives phenological reassembly of a mountain wildflower meadow community. <i>Ecology</i> , 2017, 98, 2799-2812.	1.5	62
1058	<i>Varroa</i> sensitive hygiene contributes to naturally selected <i>varroa</i> resistance in honey bees. <i>Journal of Apicultural Research</i> , 2017, 56, 635-642.	0.7	51
1059	Agroforestry Can Enhance Food Security While Meeting Other Sustainable Development Goals. <i>Tropical Conservation Science</i> , 2017, 10, 194008291772066.	0.6	128

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1061	Toward functional pollinator abundance and diversity: Comparing policy response for neonicotinoid use to demonstrate a need for cautious and well-planned policy. <i>Biological Conservation</i> , 2017, 215, 196-212.	1.9	7
1062	The Effect of Artificial Lights on Nocturnal Macrolepidoptera (Lepidoptera: Macroheterocera) Communities. <i>Acta Silvatica Et Lignaria Hungarica</i> , 2017, 13, 41-54.	0.2	2
1063	Nutritional composition of honey bee food stores vary with floral composition. <i>Oecologia</i> , 2017, 185, 749-761.	0.9	90
1064	Peopleâ€™s Perceptions of the Benefits of Natural Beekeeping and Its Positive Outcomes for Forest Conservation. <i>Tropical Conservation Science</i> , 2017, 10, 194008291769726.	0.6	18
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1066	Conserving Megafauna or Sacrificing Biodiversity?. <i>BioScience</i> , 0, , biw163.	2.2	8
1067	Editorial overview: Behavioural ecology. <i>Current Opinion in Insect Science</i> , 2017, 21, ix-x.	2.2	0
1068	Disruption of oxidative balance in the gut of the western honeybee <i>Apis mellifera</i> exposed to the intracellular parasite <i>Nosema ceranae</i> and to the insecticide fipronil. <i>Microbial Biotechnology</i> , 2017, 10, 1702-1717.	2.0	36
1069	The impact of honey bee colony quality on crop yield and farmersâ€™ profit in apples and pears. <i>Agriculture, Ecosystems and Environment</i> , 2017, 248, 153-161.	2.5	76
1070	Foraging traits modulate stingless bee community disassembly under forest loss. <i>Journal of Animal Ecology</i> , 2017, 86, 1404-1416.	1.3	37
1071	Pollinator Diversity: Distribution, Ecological Function, and Conservation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 353-376.	3.8	424
1072	Local ecological knowledge reveals effects of policy-driven land use and cover change on beekeepers in Costa Rica. <i>Land Use Policy</i> , 2017, 69, 112-122.	2.5	18
1073	Trends in mean growth and stability in temperate vertebrate populations. <i>Diversity and Distributions</i> , 2017, 23, 1372-1380.	1.9	30
1074	Utilization of photographs taken by citizens for estimating bumblebee distributions. <i>Scientific Reports</i> , 2017, 7, 11215.	1.6	50
1075	Honey bees are the dominant diurnal pollinator of native milkweed in a large urban park. <i>Ecology and Evolution</i> , 2017, 7, 8456-8462.	0.8	19
1076	Ecological and evolutionary approaches to managing honeybee disease. <i>Nature Ecology and Evolution</i> , 2017, 1, 1250-1262.	3.4	73
1077	<i>Nosema ceranae</i> , Fipronil and their combination compromise honey bee reproduction via changes in male physiology. <i>Scientific Reports</i> , 2017, 7, 8556.	1.6	35

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1079	Sublethal insecticide exposure affects reproduction, chemical phenotype as well as offspring development and antennae symmetry of a leaf beetle. <i>Environmental Pollution</i> , 2017, 230, 709-717.	3.7	37
1081	Integrative Profiling of Bee Communities from Habitats of Tropical Southern Yunnan (China). <i>Scientific Reports</i> , 2017, 7, 5336.	1.6	4
1082	The virulent, emerging genotype B of Deformed wing virus is closely linked to overwinter honeybee worker loss. <i>Scientific Reports</i> , 2017, 7, 5242.	1.6	93
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1085	The Honey Bee Initiative "Smart hive." , 2017, , .		3
1086	Neonicotinoids override a parasite exposure impact on hibernation success of a key bumblebee pollinator. <i>Ecological Entomology</i> , 2017, 42, 306-314.	1.1	71
1087	Learning in two butterfly species when using flowers of the tropical milkweed <i>Asclepias curassavica</i> : No benefits for pollination. <i>American Journal of Botany</i> , 2017, 104, 1168-1178.	0.8	7
1088	Pollination benefits are maximized at intermediate nutrient levels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170729.	1.2	27
1089	Honey bee-collected pollen in agroecosystems reveals diet diversity, diet quality, and pesticide exposure. <i>Ecology and Evolution</i> , 2017, 7, 7243-7253.	0.8	53
1090	A non-parametric bootstrap-data envelopment analysis approach for environmental policy planning and management of agricultural efficiency in EU countries. <i>Ecological Indicators</i> , 2017, 83, 132-143.	2.6	145
1091	Temporal dynamics of whole body residues of the neonicotinoid insecticide imidacloprid in live or dead honeybees. <i>Scientific Reports</i> , 2017, 7, 6288.	1.6	16
1092	A common neonicotinoid pesticide, thiamethoxam, alters honey bee activity, motor functions, and movement to light. <i>Scientific Reports</i> , 2017, 7, 15132.	1.6	67
1093	Protein nutrition governs within-host race of honey bee pathogens. <i>Scientific Reports</i> , 2017, 7, 14988.	1.6	42
1094	Forest biodiversity, ecosystem functioning and the provision of ecosystem services. <i>Biodiversity and Conservation</i> , 2017, 26, 3005-3035.	1.2	505
1095	Rapid population decline of an endemic oceanic island plant despite resilience to extensive habitat destruction and occurrence within protected areas. <i>Plant Ecology and Diversity</i> , 2017, 10, 293-302.	1.0	25
1096	Rapid assessment of metapopulation viability under climate and land-use change. <i>Ecological Complexity</i> , 2017, 31, 125-134.	1.4	0

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1098	Living on the edge: Forecasting the trends in abundance and distribution of the largest hoverfly genus (Diptera: Syrphidae) on the Balkan Peninsula under future climate change. <i>Biological Conservation</i> , 2017, 212, 216-229.	1.9	24
1099	Larval exposure to thiamethoxam and American foulbrood: effects on mortality and cognition in the honey bee <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2017, 56, 475-486.	0.7	17
1100	Assessing the genetic content of <i>Xylocopa frontalis</i> bees (Apidae, Xylocopini) for sustainable management in pollination services of passion fruit. <i>Apidologie</i> , 2017, 48, 795-805.	0.9	4
1101	Indirect Effects of Landscape Spatial Structure and Plant Species Richness on Pollinator Diversity in Ozark Glades. <i>Castanea</i> , 2017, 82, 24-31.	0.2	4
1102	Neglected pollinators: Can enhanced pollination services improve cocoa yields? A review. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 137-148.	2.5	51
1103	Effect of oxalic acid on the mite <i>Varroa destructor</i> and its host the honey bee <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2017, 56, 400-408.	0.7	15
1104	Nesting behavior and nest site preferences of the giant honey bee ( <i>Apis dorsata</i> F.) in the semi-arid environment of north west India. <i>Journal of Apicultural Research</i> , 2017, 56, 452-466.	0.7	9
1105	Diagnosis and molecular detection of <i>Paenibacillus</i> larvae, the causative agent of American foulbrood in honey bees in Saudi Arabia. <i>International Journal of Tropical Insect Science</i> , 2017, 37, 137-148.	0.4	8
1106	Review of the invasive yellow-legged hornet, <i>Vespa velutina nigrithorax</i> (Hymenoptera: Vespidae), in Japan and its possible chemical control. <i>Applied Entomology and Zoology</i> , 2017, 52, 361-368.	0.6	30
1107	Effects of global change on insect pollinators: multiple drivers lead to novel communities. <i>Current Opinion in Insect Science</i> , 2017, 23, 22-27.	2.2	58
1108	Variability of bumblebee communities (Apidae, Bombini) in urban green areas. <i>Urban Ecosystems</i> , 2017, 20, 1339-1345.	1.1	13
1109	Exploring the predation of UK bumblebees (Apidae, <i>Bombus</i> spp.) by the invasive pitcher plant <i>Sarracenia purpurea</i> : examining the effects of annual variation, seasonal variation, plant density and bumblebee gender. <i>Arthropod-Plant Interactions</i> , 2017, 11, 79-88.	0.5	2
1110	Testing the relative importance of local resources and landscape connectivity on <i>Bombus impatiens</i> (Hymenoptera, Apidae) colonies. <i>Apidologie</i> , 2017, 48, 545-555.	0.9	19
1111	Farming with alternative pollinators increases yields and incomes of cucumber and sour cherry. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.	2.2	20
1112	A spatial framework for targeting urban planning for pollinators and people with local stakeholders: A route to healthy, blossoming communities?. <i>Environmental Research</i> , 2017, 158, 255-268.	3.7	37
1113	What evidence exists on the impact of agricultural practices in fruit orchards on biodiversity indicator species groups? A systematic map protocol. <i>Environmental Evidence</i> , 2017, 6, .	1.1	4
1114	Can the exposure of <i>Apis mellifera</i> (Hymenoptera, Apidae) larvae to a field concentration of thiamethoxam affect newly emerged bees?. <i>Chemosphere</i> , 2017, 185, 56-66.	4.2	39

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1116	Country-specific effects of neonicotinoid pesticides on honey bees and wild bees. <i>Science</i> , 2017, 356, 1393-1395.	6.0	510
1117	Impacts of forest fragmentation on orchid bee (Hymenoptera: Apidae: Euglossini) communities in the Chocó biodiversity hotspot of northwest Ecuador. <i>Journal of Insect Conservation</i> , 2017, 21, 633-643.	0.8	25
1118	Relationships among ecological traits of wild bee communities along gradients of habitat amount and fragmentation. <i>Ecography</i> , 2017, 40, 85-97.	2.1	74
1119	The carry-over effects of pollen shortage decrease the survival of honeybee colonies in farmlands. <i>Journal of Applied Ecology</i> , 2017, 54, 1161-1170.	1.9	97
1120	Re-evaluating strategies for pollinator-dependent crops: How useful is parthenocarpy?. <i>Journal of Applied Ecology</i> , 2017, 54, 1171-1179.	1.9	33
1121	An assessment of bumblebee ( <i>Bombus</i> spp) land use and floral preference in UK gardens and allotments cultivated for food. <i>Urban Ecosystems</i> , 2017, 20, 425-434.	1.1	21
1122	Impact of controlled neonicotinoid exposure on bumblebees in a realistic field setting. <i>Journal of Applied Ecology</i> , 2017, 54, 1199-1208.	1.9	54
1123	Quantitative conservation genetics of wild and managed bees. <i>Conservation Genetics</i> , 2017, 18, 689-700.	0.8	8
1124	Binary mixtures of neonicotinoids show different transcriptional changes than single neonicotinoids in honeybees ( <i>Apis mellifera</i> ). <i>Environmental Pollution</i> , 2017, 220, 1264-1270.	3.7	35
1125	<sc>SNP</sc>s selected by information content outperform randomly selected microsatellite loci for delineating genetic identification and introgression in the endangered dark European honeybee ( <i>Apis mellifera mellifera</i> ). <i>Molecular Ecology Resources</i> , 2017, 17, 783-795.	2.2	40
1126	The structure of flower visitor networks in relation to pollination across an agricultural to urban gradient. <i>Functional Ecology</i> , 2017, 31, 838-847.	1.7	85
1127	Food to some, poison to others - honeybee royal jelly and its growth inhibiting effect on European Foulbrood bacteria. <i>MicrobiologyOpen</i> , 2017, 6, e00397.	1.2	40
1128	The effect of fire history in shaping diversity patterns of flower-visiting insects in post-fire Mediterranean pine forests. <i>Biodiversity and Conservation</i> , 2017, 26, 115-131.	1.2	32
1129	Bee conservation in the age of genomics. <i>Conservation Genetics</i> , 2017, 18, 713-729.	0.8	50
1130	Colony impact of pesticide-induced sublethal effects on honeybee workers: A simulation study using BEEHAVE. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 831-840.	2.2	25
1131	Assessing the ecological significance of bee visual detection and colour discrimination on the evolution of flower colours. <i>Evolutionary Ecology</i> , 2017, 31, 153-172.	0.5	33
1132	A review of the ecosystem functions in oil palm plantations, using forests as a reference system. <i>Biological Reviews</i> , 2017, 92, 1539-1569.	4.7	222

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1134	Semi-natural habitats mitigate the effects of temperature rise on wild bees. <i>Journal of Applied Ecology</i> , 2017, 54, 527-536.	1.9	56
1135	A mammoth undertaking: harnessing insight from functional ecology to shape de-extinction priority setting. <i>Functional Ecology</i> , 2017, 31, 1003-1011.	1.7	36
1136	Human welfare and its connection to nature: What have we learned from crop pollination studies?. <i>Austral Ecology</i> , 2017, 42, 2-8.	0.7	6
1137	Is China's unparalleled and understudied bee diversity at risk?. <i>Biological Conservation</i> , 2017, 210, 19-28.	1.9	26
1138	Estimating resource preferences of a native bumblebee: the effects of availability and use of availability models on preference estimates. <i>Oikos</i> , 2017, 126, 633-641.	1.2	9
1139	Gram-Positive Bacteria with Probiotic Potential for the <i>Apis mellifera</i> L. Honey Bee: The Experience in the Northwest of Argentina. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 22-31.	1.9	47
1140	Effects of land use on population presence and genetic structure of an amphibian in an agricultural landscape. <i>Landscape Ecology</i> , 2017, 32, 147-162.	1.9	26
1141	Risks and benefits of the biological interface between managed and wild bee pollinators. <i>Functional Ecology</i> , 2017, 31, 47-55.	1.7	38
1142	Designing agricultural landscapes for biodiversity-based ecosystem services. <i>Basic and Applied Ecology</i> , 2017, 18, 1-12.	1.2	470
1143	Bigger and sweeter passion fruits: effect of pollinator enhancement on fruit production and quality. <i>Apidologie</i> , 2017, 48, 131-140.	0.9	27
1144	Pollination reservoirs for wild bee habitat enhancement in cropping systems: a review. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 101-142.	1.0	61
1145	Trait space of rare plants in a fire-dependent ecosystem. <i>Conservation Biology</i> , 2017, 31, 903-911.	2.4	18
1146	A review of ecosystem service benefits from wild bees across social contexts. <i>Ambio</i> , 2017, 46, 456-467.	2.8	33
1147	The Darwin cure for apiculture? Natural selection and managed honeybee health. <i>Evolutionary Applications</i> , 2017, 10, 226-230.	1.5	71
1148	Honey Bee Deformed Wing Virus Structures Reveal that Conformational Changes Accompany Genome Release. <i>Journal of Virology</i> , 2017, 91, .	1.5	28
1149	The city as a refuge for insect pollinators. <i>Conservation Biology</i> , 2017, 31, 24-29.	2.4	368
1150	Multilocus species delimitation in Mesoamerican <i>Scaptotrigona</i> stingless bees (Apoidea: Megaloptini) supports the existence of cryptic species. <i>Systematic Entomology</i> , 2017, 42, 171-181.	1.7	16



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1152	Seasonal variation in the activity of selected antioxidant enzymes and malondialdehyde level in worker honey bees. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 165, 120-128.	0.7	22
1153	Bee pollination increases yield quantity and quality of cash crops in Burkina Faso, West Africa. <i>Scientific Reports</i> , 2017, 7, 17691.	1.6	100
1154	Management of Arthropod Pathogen Vectors in North America: Minimizing Adverse Effects on Pollinators. <i>Journal of Medical Entomology</i> , 2017, 54, 1463-1475.	0.9	20
1155	Effects of prey density, temperature and predator diversity on nonconsumptive predator-driven mortality in a freshwater food web. <i>Scientific Reports</i> , 2017, 7, 18075.	1.6	22
1156	Marked reduction in demographic rates and reduced fitness advantage for early breeding is not linked to reduced thermal matching of breeding time. <i>Ecology and Evolution</i> , 2017, 7, 10782-10796.	0.8	16
1157	The Bee Fauna of Inland Sand Dune and Ridge Woodland Communities in Worcester County, Maryland. <i>Northeastern Naturalist</i> , 2017, 24, 421-445.	0.1	7
1158	Abeilles et cultures oléagineuses: vers une meilleure compréhension de leurs interactions. <i>Oilseeds and Fats, Crops and Lipids</i> , 2017, 24, D601.	0.6	0
1159	Optimizing Pest Management Practices to Conserve Pollinators in Turf Landscapes: Current Practices and Future Research Needs. <i>Journal of Integrated Pest Management</i> , 2017, 8, .	0.9	16
1160	Regulating Ecosystem Services Delivered in Agroforestry Systems. , 2017, , 797-815.		19
1161	A case for Planetary Health/GeoHealth. <i>GeoHealth</i> , 2017, 1, 75-78.	1.9	22
1162	Bee Mite ID - an online resource on identification of mites associated with bees of the World. <i>Journal of the Acarological Society of Japan</i> , 2017, 26, 25-29.	0.4	1
1163	Pollination success following loss of a frequent pollinator: the role of compensatory visitation by other effective pollinators. <i>AoB PLANTS</i> , 2017, 9, plx020.	1.2	30
1164	Ecosystem restoration: recent advances in theory and practice. <i>Rangeland Journal</i> , 2017, 39, 417.	0.4	13
1165	A model to account for data dependency when estimating floral cover in different land use types over a season. <i>Environmental and Ecological Statistics</i> , 2017, 24, 505-527.	1.9	3
1166	Vegetation Management and Host Density Influence Bee-Parasite Interactions in Urban Gardens. <i>Environmental Entomology</i> , 2017, 46, 1313-1321.	0.7	17
1167	Tsetse flies should remain in protected areas in KwaZulu-Natal. <i>Koedoe</i> , 2017, 59, .	0.3	6
1168	Ecosystem Services from Edible Insects in Agricultural Systems: A Review. <i>Insects</i> , 2017, 8, 24.	1.0	38

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1170	Cold Ambient Temperature Promotes <i>Nosema</i> spp. Intensity in Honey Bees ( <i>Apis mellifera</i> ). <i>Insects</i> , 2017, 8, 20.	1.0	35
1171	Queen Quality and the Impact of Honey Bee Diseases on Queen Health: Potential for Interactions between Two Major Threats to Colony Health. <i>Insects</i> , 2017, 8, 48.	1.0	99
1172	The Biology and Control of the Greater Wax Moth, <i>Galleria mellonella</i> . <i>Insects</i> , 2017, 8, 61.	1.0	161
1173	Trap Nesting Wasps and Bees in Agriculture: A Comparison of Sown Wildflower and Fallow Plots in Florida. <i>Insects</i> , 2017, 8, 107.	1.0	18
1174	Understanding Pollinator Habitat Conservation under Current Policy Using Economic Experiments. <i>Land</i> , 2017, 6, 57.	1.2	7
1175	5 Key Challenges and Solutions for Governing Complex Adaptive (Food) Systems. <i>Sustainability</i> , 2017, 9, 1594.	1.6	20
1176	Presence of <i>Apis Rhabdovirus-1</i> in Populations of Pollinators and Their Parasites from Two Continents. <i>Frontiers in Microbiology</i> , 2017, 8, 2482.	1.5	27
1177	Use of costic acid, a natural extract from <i>Dittrichia viscosa</i> , for the control of <i>Varroa destructor</i> , a parasite of the European honey bee. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 952-959.	1.3	20
1178	Dietary Supplementation of Honey Bee Larvae with Arginine and Abscisic Acid Enhances Nitric Oxide and Granulocyte Immune Responses after Trauma. <i>Insects</i> , 2017, 8, 85.	1.0	14
1179	Neonicotinoid pesticides can reduce honeybee colony genetic diversity. <i>PLoS ONE</i> , 2017, 12, e0186109.	1.1	51
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1183	Do managed bees have negative effects on wild bees?: A systematic review of the literature. <i>PLoS ONE</i> , 2017, 12, e0189268.	1.1	217
1184	A Comparison of <i>Wolbachia</i> Infection Frequencies in <i>Varroa</i> With Prevalence of Deformed Wing Virus. <i>Journal of Insect Science</i> , 2017, 17, .	0.6	5
1185	Cotton Flower-visiting Insects in Small-scale Farm Fields in Mwachisompola, Zambia. <i>Journal of the Kansas Entomological Society</i> , 2017, 90, 122-130.	0.1	3
1186	De la concertation territoriale à l'expérimentation en plein champs, différents leviers pour accompagner les acteurs d'un territoire agricole à façonner des paysages durablement favorables à des productions oléagineuses et des productions de miel. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2017, 24, D605.	0.6	1

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1187	Assessment of listing and categorisation of animal diseases within the framework of the Animal Health Law (Regulation (EU) No 2016/429): infestation with <i>Varroa</i> spp. (varroosis). <i>EFSA Journal</i> , 2017, 15, e04997.	0.9	3
1189	High Elevation Refugia for <i>Bombus terricola</i> (Hymenoptera: Apidae) Conservation and Wild Bees of the White Mountain National Forest. <i>Journal of Insect Science</i> , 2017, 17, 4.	0.6	13
1190	An updated understanding of Texas bumble bee (Hymenoptera: Apidae) species presence and potential distributions in Texas, USA. <i>PeerJ</i> , 2017, 5, e3612.	0.9	9
1191	Tree legumes: an underexploited resource in warm-climate silvopastures. <i>Revista Brasileira De Zootecnia</i> , 2017, 46, 689-703.	0.3	31
1192	The native bee fauna of the Palouse Prairie (Hymenoptera: Apoidea). <i>Journal of Melittology</i> , 2017, , 1-20.	0.2	4
1193	Safe-Guarding Bee Diversity and Food Provisioning. , 2017, , .		1
1194	Insect conservation psychology. <i>Journal of Insect Conservation</i> , 2018, 22, 635-642.	0.8	36
1195	Presence-only modeling is ill-suited for a recent generalist invader, <i>Anthidium manicatum</i> . <i>Ecological Indicators</i> , 2018, 89, 56-62.	2.6	10
1196	Crop Pollination by Stingless Bees. , 2018, , 139-153.		23
1197	Cultural, Psychological, and Organoleptic Factors Related to the Use of Stingless Bees by Rural Residents of Northern Misiones, Argentina. , 2018, , 283-297.		5
1198	The Contribution of Palynological Surveys to Stingless Bee Conservation: A Case Study with <i>Melipona subnitida</i> . , 2018, , 89-101.		9
1199	Linking obligate mutualism models in an extended consumer-resource framework. <i>Ecological Modelling</i> , 2018, 374, 1-13.	1.2	4
1200	Temperature and water stress affect plant-pollinator interactions in <i>Borago officinalis</i> (Boraginaceae). <i>Ecology and Evolution</i> , 2018, 8, 3443-3456.	0.8	92
1201	Shadow Value of Ecosystem Resilience in Complex Natural Land as a Wild Pollinator Habitat. <i>American Journal of Agricultural Economics</i> , 2018, 100, 829-843.	2.4	12
1202	Blue and yellow vane traps differ in their sampling effectiveness for wild bees in both open and wooded habitats. <i>Agricultural and Forest Entomology</i> , 2018, 20, 487-495.	0.7	38
1203	Probiotics for Honeybees' Health. , 2018, , 219-245.		8
1204	Pollinator service affects quantity but not quality of offspring in a widespread New Zealand endemic tree species. <i>Conservation Genetics</i> , 2018, 19, 815-826.	0.8	2
1205	Interactions between immunotoxicants and parasite stress: Implications for host health. <i>Journal of Theoretical Biology</i> , 2018, 445, 120-127.	0.8	7

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1207	Probiotics and Prebiotics in Animal Health and Food Safety. , 2018, , .		13
1208	Trends in Global Agricultural Land Use: Implications for Environmental Health and Food Security. <i>Annual Review of Plant Biology</i> , 2018, 69, 789-815.	8.6	559
1209	Complementary crops and landscape features sustain wild bee communities. <i>Ecological Applications</i> , 2018, 28, 1093-1105.	1.8	43
1210	Stingless Bees as Potential Pollinators in Agroecosystems in Argentina: Inferences from Pot-Pollen Studies in Natural Environments. , 2018, , 155-175.		6
1211	Temporal changes in genetic variability in three bumblebee species from Rio Grande do Sul, South Brazil. <i>Apidologie</i> , 2018, 49, 415-429.	0.9	9
1212	Survival and health improvement of <i>Nosema</i> infected <i>Apis florea</i> (Hymenoptera: Apidae) bees after treatment with propolis extract. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 437-444.	0.4	33
1213	Concentrations of imidacloprid and thiamethoxam in pollen, nectar and leaves from seed-dressed cotton crops and their potential risk to honeybees ( <i>Apis mellifera</i> L.). <i>Chemosphere</i> , 2018, 201, 159-167.	4.2	65
1214	Flowering and floral visitation predict changes in community structure provided that mycorrhizas remain intact. <i>Ecology</i> , 2018, 99, 1480-1489.	1.5	3
1215	Imidacloprid Decreases Honey Bee Survival Rates but Does Not Affect the Gut Microbiome. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	63
1216	Movement Patterns Differ between Sexes and Depend on Weather Conditions in the Butterfly <i>Lycaena tityrus</i> . <i>Journal of Insect Behavior</i> , 2018, 31, 309-320.	0.4	5
1217	Histone deacetylase inhibitor treatment restores memory-related gene expression and learning ability in neonicotinoid-treated <i>Apis mellifera</i> . <i>Insect Molecular Biology</i> , 2018, 27, 512-521.	1.0	21
1218	Developing reduced <i>scp&gt;SNP&lt;/scp&gt;</i> assays from whole-genome sequence data to estimate introgression in an organism with complex genetic patterns, the Iberian honeybee ( <i>Apis mellifera</i> ) Tj ETQq0 0 0 ngBT /Overdo 10 Tf		10
1219	City parks vs. natural areas - is it possible to preserve a natural level of bee richness and abundance in a city park?. <i>Urban Ecosystems</i> , 2018, 21, 599-613.	1.1	70
1220	Drought and increased <i>scp&gt;CO&lt;/scp&gt;&lt;sub&gt;2&lt;/sub&gt;</i> alter floral visual and olfactory traits with context-dependent effects on pollinator visitation. <i>New Phytologist</i> , 2018, 220, 785-798.	3.5	79
1221	Optimizing the allocation of agri-environment measures to navigate the trade-offs between ecosystem services, biodiversity and agricultural production. <i>Environmental Science and Policy</i> , 2018, 84, 186-196.	2.4	84
1222	Defining U.S. consumers' (mis)perceptions of pollinator friendly labels: an exploratory study. <i>International Food and Agribusiness Management Review</i> , 2018, 21, 365-378.	0.8	5
1223	Bee diversity in crop fields is influenced by remotely-sensed nesting resources in surrounding permanent grasslands. <i>Ecological Indicators</i> , 2018, 90, 606-614.	2.6	25

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1225	The genetic structure of the European breeding populations of a declining farmland bird, the ortolan bunting ( <i>Emberiza hortulana</i> ), reveals conservation priorities. <i>Conservation Genetics</i> , 2018, 19, 909-922.	0.8	10
1226	Indirect effects of agricultural pesticide use on parasite prevalence in wild pollinators. <i>Agriculture, Ecosystems and Environment</i> , 2018, 258, 40-48.	2.5	25
1227	Genetic structure and diversity of a rare woodland bat, <i>Myotis bechsteinii</i> : comparison of continental Europe and Britain. <i>Conservation Genetics</i> , 2018, 19, 777-787.	0.8	12
1228	Plant species, functional assemblages and partitioning of diversity in a Mediterranean agricultural mosaic landscape. <i>Agriculture, Ecosystems and Environment</i> , 2018, 256, 163-172.	2.5	18
1229	De novo assembly of honey bee RNA viral genomes by tapping into the innate insect antiviral response pathway. <i>Journal of Invertebrate Pathology</i> , 2018, 152, 38-47.	1.5	23
1230	Landscape and crop management strategies to conserve pollination services and increase yields in tropical coffee farms. <i>Agriculture, Ecosystems and Environment</i> , 2018, 256, 218-225.	2.5	75
1231	Predicting the impacts of co-extinctions on phylogenetic diversity in mutualistic networks. <i>Biological Conservation</i> , 2018, 219, 161-171.	1.9	8
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1233	Crop rotation and agri-environment schemes determine bumblebee communities via flower resources. <i>Journal of Applied Ecology</i> , 2018, 55, 1714-1724.	1.9	34
1234	Global importance of vertebrate pollinators for plant reproductive success: a meta-analysis. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 82-90.	1.9	98
1235	Improving our science: the evolution of butterfly sampling and surveying methods over time. <i>Journal of Insect Conservation</i> , 2018, 22, 1-14.	0.8	35
1236	Feedbacks between nutrition and disease in honey bee health. <i>Current Opinion in Insect Science</i> , 2018, 26, 114-119.	2.2	130
1237	Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and plant reproduction in western Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172242.	1.2	153
1238	Toxicity and effects of the neonicotinoid thiamethoxam on <i>Scaptotrigona bipunctata</i> lepeletier, 1836 (Hymenoptera: Apidae). <i>Environmental Toxicology</i> , 2018, 33, 463-475.	2.1	22
1239	Bacterial wilt symptoms are impacted by host age and involve net downward movement of <i>Erwinia tracheiphila</i> in muskmelon. <i>European Journal of Plant Pathology</i> , 2018, 151, 803-810.	0.8	5
1240	Bees are supplementary pollinators of self-compatible chiropterophilous durian. <i>Journal of Tropical Ecology</i> , 2018, 34, 41-52.	0.5	15
1241	Foraging preferences of leafcutter bees in three contrasting geographical zones. <i>Diversity and Distributions</i> , 2018, 24, 621-628.	1.9	13

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1242	Genomic and transcriptomic analysis of the Asian honeybee <i>Apis cerana</i> provides novel insights into honeybee biology. <i>Scientific Reports</i> , 2018, 8, 822.	1.6	68
1243	Effects of neonicotinoid imidacloprid exposure on bumble bee (Hymenoptera: Apidae) queen survival and nest initiation. <i>Environmental Entomology</i> , 2018, 47, 55-62.	0.7	44
1244	Atmospheric nitrogen deposition in terrestrial ecosystems: Its impact on plant communities and consequences across trophic levels. <i>Functional Ecology</i> , 2018, 32, 1757-1769.	1.7	116
1245	The missing link: A case for increased consideration for plant-pollinator interactions for species at-risk recovery in Ontario. <i>Journal for Nature Conservation</i> , 2018, 42, 1-6.	0.8	3
1246	Primary data in pollination services mapping: potential service provision by honey bees ( <i>Apis mellifera</i> ) in Cumberland and Colchester, Nova Scotia. <i>International Journal of Biodiversity Science, Ecosystem Services &amp; Management</i> , 2018, 14, 60-69.	2.9	7
1247	Pollen Foraging Differences Among Three Managed Pollinators in the Highbush Blueberry ( <i>Vaccinium</i> ) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	15
1248	Introducing perennial biomass crops into agricultural landscapes to address water quality challenges and provide other environmental services. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2018, 7, e275.	1.9	11
1249	Imidacloprid slows the development of preference for rewarding food sources in bumblebees ( <i>Bombus impatiens</i> ). <i>Ecotoxicology</i> , 2018, 27, 175-187.	1.1	18
1250	Patterns of flower visitor abundance and fruit set in a highly intensified cereal cropping system in a Mediterranean landscape. <i>Agriculture, Ecosystems and Environment</i> , 2018, 254, 255-263.	2.5	5
1251	Measuring public perception and preferences for ecosystem services: A case study of bee pollination in the UK. <i>Land Use Policy</i> , 2018, 71, 355-362.	2.5	22
1252	Reuse of honey jars for healthier bees: Developing a sustainable honey jars supply chain through the use of LCA. <i>Journal of Cleaner Production</i> , 2018, 177, 573-588.	4.6	17
1253	More than 100 worst alien species in Europe. <i>Biological Invasions</i> , 2018, 20, 1611-1621.	1.2	200
1254	Influence of abandonment on syrphid assemblages in mountainous meadows. <i>Journal of Applied Entomology</i> , 2018, 142, 450-456.	0.8	12
1255	Investigation of temperature and its indices under climate change scenarios over different regions of Rajasthan state in India. <i>Global and Planetary Change</i> , 2018, 161, 82-96.	1.6	31
1256	Reproductive biology and pollination of the carnivorous <i>Genlisea violacea</i> (Lentibulariaceae). <i>Plant Biology</i> , 2018, 20, 591-601.	1.8	9
1257	Management practices and diversity of flower visitors and herbaceous plants in conventional and organic avocado orchards in Michoacán, Mexico. <i>Agroecology and Sustainable Food Systems</i> , 2018, 42, 530-551.	1.0	11
1258	The worldwide importance of honey bees as pollinators in natural habitats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172140.	1.2	364
1259	Lithium chloride effectively kills the honey bee parasite <i>Varroa destructor</i> by a systemic mode of action. <i>Scientific Reports</i> , 2018, 8, 683.	1.6	38

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1261	Evaluating the benefits of agri-environment schemes on farmland bird communities through a common species monitoring programme. A case study in northern Italy. <i>Agricultural Systems</i> , 2018, 160, 60-69.	3.2	13
1262	Temporal changes in floral resource availability and flower visitation in a butterfly. <i>Arthropod-Plant Interactions</i> , 2018, 12, 177-189.	0.5	16
1263	Contribution of trees to the conservation of biodiversity and ecosystem services in agricultural landscapes. <i>International Journal of Biodiversity Science, Ecosystem Services &amp; Management</i> , 2018, 14, 1-16.	2.9	106
1264	Ecology and Economics of Using Native Managed Bees for Almond Pollination. <i>Journal of Economic Entomology</i> , 2018, 111, 16-25.	0.8	51
1265	Summer Flowering Cover Crops Support Wild Bees in Vineyards. <i>Environmental Entomology</i> , 2018, 47, 63-69.	0.7	17
1266	What specific plant traits support ecosystem services such as pollination, bio-control and water quality protection in temperate climates? A systematic map. <i>Environmental Evidence</i> , 2018, 7, .	1.1	10
1267	British phenological records indicate high diversity and extinction rates among late-summer-flying pollinators. <i>Biological Conservation</i> , 2018, 222, 278-283.	1.9	61
1268	The signalling game between plants and pollinators. <i>Scientific Reports</i> , 2018, 8, 6686.	1.6	12
1269	Multi-user quality of floral services along a gradient of margin habitats between semi-natural grasslands and forests. <i>Applied Vegetation Science</i> , 2018, 21, 363-372.	0.9	12
1271	Detection of pollen bearing honey bees in hive entrance images. , 2018, , .		5
1272	Effects of the novel pesticide flupyradifurone (Sivanto) on honeybee taste and cognition. <i>Scientific Reports</i> , 2018, 8, 4954.	1.6	69
1273	An unusually large nesting aggregation of the digger bee <i>Anthophora bomboides</i> Kirby, 1838 (Hymenoptera: Apidae) in the San Juan Islands, Washington State. <i>Pan-Pacific Entomologist</i> , 2018, 94, 4-16.	0.1	2
1274	Pollination limitation despite managed honeybees in South African macadamia orchards. <i>Agriculture, Ecosystems and Environment</i> , 2018, 260, 11-18.	2.5	31
1275	A new multiplex PCR protocol to detect mixed trypanosomatid infections in species of <i>Apis</i> and <i>Bombus</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 154, 37-41.	1.5	22
1276	Planning ground based utility scale solar energy as green infrastructure to enhance ecosystem services. <i>Energy Policy</i> , 2018, 117, 218-227.	4.2	64
1277	Changes in the bee fauna of a German botanical garden between 1997 and 2017, attributable to climate warming, not other parameters. <i>Oecologia</i> , 2018, 187, 701-706.	0.9	26
1278	The association of windmills with conservation of pollinating insects and wild plants in homogeneous farmland of western Poland. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6273-6284.	2.7	6

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1280	Variation in the phylogenetic diversity of wild bees at produce farms and prairies. <i>Agriculture, Ecosystems and Environment</i> , 2018, 259, 168-173.	2.5	5
1281	Contribution of insect pollination to nutritional security of minerals and vitamins in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 598-602.	0.4	8
1282	Effects of riverine landscape changes on pollination services: A case study on the River Minho, Portugal. <i>Ecological Indicators</i> , 2018, 89, 656-666.	2.6	19
1283	Buzzing on top: Linking wild bee diversity, abundance and traits with green roof qualities. <i>Urban Ecosystems</i> , 2018, 21, 429-446.	1.1	48
1284	Viability of honeybee colonies exposed to sunflowers grown from seeds treated with the neonicotinoids thiamethoxam and clothianidin. <i>Chemosphere</i> , 2018, 202, 609-617.	4.2	24
1285	Ecological factors associated with pre-dispersal predation of fig seeds and wasps by fig-specialist lepidopteran larvae. <i>Acta Oecologica</i> , 2018, 90, 151-159.	0.5	6
1286	Species diversity, pollinator resource value and edibility potential of woody networks in the countryside in northern Belgium. <i>Agriculture, Ecosystems and Environment</i> , 2018, 259, 119-126.	2.5	19
1287	How agricultural multiple ecosystem services respond to socioeconomic factors in Mengyin County, China. <i>Science of the Total Environment</i> , 2018, 630, 1003-1015.	3.9	32
1288	Sublethal effects of clothianidin and <i>Nosema</i> spp. on the longevity and foraging activity of free flying honey bees. <i>Ecotoxicology</i> , 2018, 27, 527-538.	1.1	28
1289	Systematic measurements of the night sky brightness at 26 locations in Eastern Austria. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 211, 144-165.	1.1	58
1290	Climate and habitat influences on bee community structure in Western Canada. <i>Canadian Journal of Zoology</i> , 2018, 96, 1002-1009.	0.4	5
1291	Pollination Requirements of Almond ( <i>Prunus dulcis</i> ): Combining Laboratory and Field Experiments. <i>Journal of Economic Entomology</i> , 2018, 111, 1006-1013.	0.8	15
1292	Honey bees are essential for pollination of <i>Vitellaria paradoxa</i> subsp. <i>paradoxa</i> (Sapotaceae) in Burkina Faso. <i>Agroforestry Systems</i> , 2018, 92, 23-34.	0.9	6
1293	Managing trap-nesting bees as crop pollinators: Spatiotemporal effects of floral resources and antagonists. <i>Journal of Applied Ecology</i> , 2018, 55, 195-204.	1.9	41
1294	Desynchronizations in bee-plant interactions cause severe fitness losses in solitary bees. <i>Journal of Animal Ecology</i> , 2018, 87, 139-149.	1.3	88
1295	How to sustainably increase students' willingness to protect pollinators. <i>Environmental Education Research</i> , 2018, 24, 461-473.	1.6	30
1296	Effects of landscape cover and local habitat characteristics on visiting bees in tropical orchards. <i>Agricultural and Forest Entomology</i> , 2018, 20, 28-40.	0.7	15



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1298	Mutualistic interactions amplify saltmarsh restoration success. <i>Journal of Applied Ecology</i> , 2018, 55, 405-414.	1.9	66
1299	Specialty oilseed crops provide an abundant source of pollen for pollinators and beneficial insects. <i>Journal of Applied Entomology</i> , 2018, 142, 211-222.	0.8	26
1300	A proposal for integration of the ecosystem-water-food-land-energy (EWFLE) nexus concept into life cycle assessment: A synthesis matrix system for food security. <i>Journal of Cleaner Production</i> , 2018, 172, 3874-3889.	4.6	99
1301	Climate drives plant-pollinator interactions even along small-scale climate gradients: the case of the Aegean. <i>Plant Biology</i> , 2018, 20, 176-183.	1.8	27
1302	Exploring an East Asian melon ( <i>Cucumis melo</i> L.) collection for parthenocarpic ability. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 91-101.	0.8	9
1303	Species traits explain long-term population trends of Finnish cuckoo wasps (Hymenoptera: Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 502	1.4	9
1304	Insect pollinators collect pollen from wind-pollinated plants: implications for pollination ecology and sustainable agriculture. <i>Insect Conservation and Diversity</i> , 2018, 11, 13-31.	1.4	95
1305	Conservation of hoverflies (Diptera, Syrphidae) requires complementary resources at the landscape and local scales. <i>Insect Conservation and Diversity</i> , 2018, 11, 72-87.	1.4	45
1306	Characterization of gut bacterial flora of <i>Apis mellifera</i> from north-west Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 388-392.	1.8	52
1307	Influence of humic substances and iron and aluminum ions on the sorption of acetamiprid to an arable soil. <i>Science of the Total Environment</i> , 2018, 615, 1478-1484.	3.9	32
1308	Impact of floral nectar limitation on life-history traits in a grassland butterfly relative to nectar supply in different agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2018, 251, 99-106.	2.5	6
1309	The species richness/abundance-area relationship of bees in an early successional tree plantation. <i>Basic and Applied Ecology</i> , 2018, 26, 64-70.	1.2	19
1310	Uptake and dissipation of neonicotinoid residues in nectar and foliage of systemically treated woody landscape plants. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 860-870.	2.2	30
1311	Mitigating effects of pollen during paraquat exposure on gene expression and pathogen prevalence in <i>Apis mellifera</i> L. <i>Ecotoxicology</i> , 2018, 27, 32-44.	1.1	10
1312	A 3-year survey of Italian honey bee-collected pollen reveals widespread contamination by agricultural pesticides. <i>Science of the Total Environment</i> , 2018, 615, 208-218.	3.9	183
1313	Post-embryonic development of the Malpighian tubules in <i>Apis mellifera</i> (Hymenoptera) workers: morphology, remodeling, apoptosis, and cell proliferation. <i>Protoplasma</i> , 2018, 255, 585-599.	1.0	14
1314	Prevalence of common honey bee pathogens at selected apiaries in Kenya, 2013/2014. <i>International Journal of Tropical Insect Science</i> , 2018, 38, 58-70.	0.4	12

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1315	Attractiveness of wildflower mixtures for wild bees and hoverflies depends on some key plant species. <i>Insect Conservation and Diversity</i> , 2018, 11, 32-41.	1.4	69
1316	Effects of neonicotinoid exposure on molecular and physiological indicators of honey bee immunocompetence. <i>Apidologie</i> , 2018, 49, 196-208.	0.9	11
1317	How does climate change affect regeneration of Mediterranean high mountain plants? An integration and synthesis of current knowledge. <i>Plant Biology</i> , 2018, 20, 50-62.	1.8	35
1318	Synergistic interactions between a variety of insecticides and an ergosterol biosynthesis inhibitor fungicide in dietary exposures of bumble bees ( <i>Bombus terrestris</i> L.). <i>Pest Management Science</i> , 2018, 74, 541-546.	1.7	50
1319	A scientific note on first detection of Kashmir bee virus in <i>Apis mellifera</i> (Hymenoptera: Apidae) in South America. <i>Apidologie</i> , 2018, 49, 220-223.	0.9	4
1320	Flower visitor communities are similar on remnant and reconstructed tallgrass prairies despite forb community differences. <i>Restoration Ecology</i> , 2018, 26, 751-759.	1.4	13
1321	The value of small arable habitats in the agricultural landscape: Importance for vascular plants and the provisioning of floral resources for bees. <i>Ecological Indicators</i> , 2018, 84, 553-563.	2.6	9
1322	Bumble bee colony growth and reproduction on reclaimed surface coal mines. <i>Restoration Ecology</i> , 2018, 26, 183-194.	1.4	8
1323	Supplementing small farms with native mason bees increases strawberry size and growth rate. <i>Journal of Applied Ecology</i> , 2018, 55, 591-599.	1.9	19
1324	Alien plants have greater impact than habitat fragmentation on native insect flower visitation networks. <i>Diversity and Distributions</i> , 2018, 24, 58-68.	1.9	24
1325	Local extinction of a rare plant pollinator in Southern Utah (USA) associated with invasion by Africanized honey bees. <i>Biological Invasions</i> , 2018, 20, 593-606.	1.2	19
1326	Effects of habitat simplification on assemblages of cavity nesting bees and wasps in a semi-arid neotropical conservation area. <i>Biodiversity and Conservation</i> , 2018, 27, 311-328.	1.2	32
1327	Forest fragmentation and loss reduce richness, availability, and specialization in tropical hummingbird communities. <i>Biotropica</i> , 2018, 50, 74-83.	0.8	38
1328	Genomes of the Hymenoptera. <i>Current Opinion in Insect Science</i> , 2018, 25, 65-75.	2.2	63
1329	Evidence of <i>Varroa</i> -mediated deformed wing virus spillover in Hawaii. <i>Journal of Invertebrate Pathology</i> , 2018, 151, 126-130.	1.5	33
1330	Community level niche overlap and broad scale biogeographic patterns of bee communities are driven by phylogenetic history. <i>Journal of Biogeography</i> , 2018, 45, 461-472.	1.4	7
1331	Effects of forest loss and fragmentation on pollen diets and provision mass of the mason bee, <i>Osmia cornifrons</i> , in central Japan. <i>Ecological Entomology</i> , 2018, 43, 245-254.	1.1	10
1332	Organic farming promotes bee abundance in vineyards in Italy but not in South Africa. <i>Journal of Insect Conservation</i> , 2018, 22, 61-67.	0.8	14

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1333	Recyclable amitraz-ethylene vinyl acetate strips used for beehives treatment against <i>Varroa destructor</i> . <i>Journal of Elastomers and Plastics</i> , 2018, 50, 391-402.	0.7	1
1334	Decline of bumble bees in northeastern North America, with special focus on <i>Bombus terricola</i> . <i>Biological Conservation</i> , 2018, 217, 437-445.	1.9	96
1335	Field characteristics driving farm-scale decision-making on land allocation to primary crops in high latitude conditions. <i>Land Use Policy</i> , 2018, 71, 49-59.	2.5	29
1336	Nesting sites of giant honeybees modulated by landscape patterns. <i>Journal of Applied Ecology</i> , 2018, 55, 1230-1240.	1.9	11
1337	Fire and grazing modulate the structure and resistance of plant-floral visitor networks in a tallgrass prairie. <i>Oecologia</i> , 2018, 186, 517-528.	0.9	25
1338	Key environmental determinants of global and regional richness and endemism patterns for a wild bee subfamily. <i>Biodiversity and Conservation</i> , 2018, 27, 287-309.	1.2	20
1339	Quantitative PCR assessment of <i>Lotmaria passim</i> in <i>Apis mellifera</i> colonies co-infected naturally with <i>Nosema ceranae</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 151, 76-81.	1.5	41
1340	Validation of floral food resources for pollinators in agricultural landscape in SE Poland. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2672-2680.	1.7	17
1341	Patterns and drivers of wild bee community assembly in a Mediterranean IUCN important plant area. <i>Biodiversity and Conservation</i> , 2018, 27, 695-717.	1.2	14
1342	The effect of removing numerically dominant, non-native honey bees on seed set of a native plant. <i>Oecologia</i> , 2018, 186, 281-289.	0.9	12
1343	Acute bee paralysis virus occurs in the Asian honey bee <i>Apis cerana</i> and parasitic mite <i>Tropilaelaps mercedesae</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 151, 131-136.	1.5	21
1344	Climate change, tree pollination and conservation in the tropics: a research agenda beyond IPBES. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2018, 9, e502.	3.6	10
1345	Plant-pollinator interactions and bee functional diversity are driven by agroforests in rice-dominated landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2018, 253, 140-147.	2.5	28
1346	<i>Ethnozoology and Animal Conservation</i> —, 2018, , 481-496.		14
1347	Selecting cost-effective plant mixes to support pollinators. <i>Biological Conservation</i> , 2018, 217, 195-202.	1.9	34
1348	Woody habitats promote pollinators and complexity of plant-pollinator interactions in homegardens located in rice terraces of the Philippine Cordilleras. <i>Paddy and Water Environment</i> , 2018, 16, 253-263.	1.0	13
1349	Slow treatment promotes control of harmful species by multiple agents. <i>Conservation Letters</i> , 2018, 11, e12568.	2.8	7
1350	Western honey bee management for crop pollination. <i>African Crop Science Journal</i> , 2018, 26, 1.	0.1	4

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1352	Diagnosis of directed pollination services in apple orchards in Brazil. <i>Revista Brasileira De Fruticultura</i> , 2018, 40, .	0.2	1
1353	How to Measure Procedural Knowledge for Solving Biodiversity and Climate Change Challenges. <i>Education Sciences</i> , 2018, 8, 190.	1.4	10
1354	Photonic Monitoring of Atmospheric and Aquatic Fauna. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800135.	4.4	41
1355	Temporal variation in pollination services to <i>Cucurbita moschata</i> determined by bee gender and diversity. <i>Ecosphere</i> , 2018, 9, e02506.	1.0	17
1356	The relative contributions of host density and genetic diversity on prevalence of a multi-host parasite in bumblebees. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 900-910.	0.7	11
1357	Reconhecimento de padrões sazonais em colônias de abelhas <i>Apis mellifera</i> via clusterização. <i>Revista Brasileira De Computação Aplicada</i> , 2018, 10, 74-88.	0.1	1
1358	A Review of Research Needs for Pollinators in Managed Conifer Forests. <i>Journal of Forestry</i> , 2018, 116, 563-572.	0.5	29
1359	RNA profile diversity across arthropoda: guidelines, methodological artifacts, and expected outcomes. <i>Biology Methods and Protocols</i> , 2018, 3, bpy012.	1.0	12
1360	Interference of weeds in vegetable crop cultivation, in the changing climate of Southern Europe with emphasis on drought and elevated temperatures: a review. <i>Journal of Agricultural Science</i> , 2018, 156, 1175-1185.	0.6	18
1361	Sociologijski aspekti urbanih vrtova: trendovi i dosezi proizvodnje hrane u gradovima. <i>Socijalna Ekologija</i> , 2018, 27, 141-164.	0.1	1
1362	Home sick: impacts of migratory beekeeping on honey bee ( <i>Apis mellifera</i> ) pests, pathogens, and colony size. <i>PeerJ</i> , 2018, 6, e5812.	0.9	29
1363	Habitat and landscape factors influence pollinators in a tropical megacity, Bangkok, Thailand. <i>PeerJ</i> , 2018, 6, e5335.	0.9	35
1364	The Role of Ecosystem Services in Community Well-Being. , 0, , .		6
1365	Multi-dimensional modelling tools supporting decision-making for the beekeeping sector. <i>IFAC-PapersOnLine</i> , 2018, 51, 144-149.	0.5	5
1366	Consequences of clonal growth on pollinator visitation in flowering plants. <i>Biodiversity Science</i> , 2018, 26, 468-475.	0.2	0
1367	Climate change impact on coffee and the pollinator bee suitable area interaction in Raya Azebo, Ethiopia. <i>Cogent Food and Agriculture</i> , 2018, 4, 1564538.	0.6	6
1368	Do honeybees ( <i>Apis mellifera</i> ) differentiate between different pollen types?. <i>PLoS ONE</i> , 2018, 13, e0205821.	1.1	13

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1369	Honey Norisoprenoids Attract Bumble Bee, <i>Bombus terrestris</i> , in New Zealand Mountain Beech Forests. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13065-13072.	2.4	8
1370	Identifying Bee Species by Means of the Foraging Pattern Using Machine Learning. , 2018, , .		8
1371	Distribution of Cranberry Blue Butterflies ( <i>Agriades optilete</i> ) and Their Responses to Forest Disturbance from In Situ Oil Sands and Wildfires. <i>Diversity</i> , 2018, 10, 112.	0.7	11
1372	A Review of Native Wild Bee Nutritional Health. <i>International Journal of Ecology</i> , 2018, 2018, 1-10.	0.3	25
1373	Quantitative Assessment of Nectar Microbe-Produced Volatiles. <i>ACS Symposium Series</i> , 2018, , 127-142.	0.5	3
1374	Effectiveness of camera traps for quantifying daytime and nighttime visitation by vertebrate pollinators. <i>Ecology and Evolution</i> , 2018, 8, 9304-9314.	0.8	28
1375	Transcriptome Analysis of Newly Emerged Honeybees Exposure to Sublethal Carbendazim During Larval Stage. <i>Frontiers in Genetics</i> , 2018, 9, 426.	1.1	15
1376	Environmental Stress Responses of DnaJ1, DnaJ12 and DnaJ8 in <i>Apis cerana cerana</i> . <i>Frontiers in Genetics</i> , 2018, 9, 445.	1.1	15
1377	Quantifying bee assemblages and attractiveness of flowering woody landscape plants for urban pollinator conservation. <i>PLoS ONE</i> , 2018, 13, e0208428.	1.1	57
1378	Study of fruit set and fruit quality of 'Conference'™ pears and 'Jonagold'™ apples in orchards supplemented with bumblebee hives. <i>Acta Horticulturae</i> , 2018, , 331-340.	0.1	2
1379	Nontimber forest products as ecological and biocultural keystone species. <i>Ecology and Society</i> , 2018, 23, .	1.0	41
1380	North American Crop Wild Relatives, Volume 1. , 2018, , .		8
1381	Practical Considerations for Increasing Seed Samples of Wild Species. , 2018, , 281-309.		2
1382	Different cutting regimes improve species and functional diversity of insect-pollinated plants in powerline clearings. <i>Ecosphere</i> , 2018, 9, e02509.	1.0	10
1383	Flower strip networks offer promising long term effects on pollinator species richness in intensively cultivated agricultural areas. <i>BMC Ecology</i> , 2018, 18, 55.	3.0	57
1384	Effects of model choice, network structure, and interaction strengths on knockout extinction models of ecological robustness. <i>Ecology and Evolution</i> , 2018, 8, 10794-10804.	0.8	10
1385	Phenology determines the robustness of plant-pollinator networks. <i>Scientific Reports</i> , 2018, 8, 14873.	1.6	25
1386	Real-time evolution supports a unique trajectory for generalized pollination*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2653-2668.	1.1	21

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1388	Pesticidal Plant Extracts Improve Yield and Reduce Insect Pests on Legume Crops Without Harming Beneficial Arthropods. <i>Frontiers in Plant Science</i> , 2018, 9, 1425.	1.7	85
1389	Ecological Intensification in Asian Rice Production Systems. <i>Sustainable Agriculture Reviews</i> , 2018, , 1-23.	0.6	2
1390	Local and landscape factors affect sunflower pollination in a Mediterranean agroecosystem. <i>PLoS ONE</i> , 2018, 13, e0203990.	1.1	15
1391	Non-Native Invasive Species as Ecosystem Service Providers. , 0, , .		5
1392	The prevalence of olfactory- versus visual-signal encounter by searching bumblebees. <i>Scientific Reports</i> , 2018, 8, 14590.	1.6	17
1393	Supplemental carbohydrates influence abiotic stress resistance in honey bees. <i>Journal of Apicultural Research</i> , 2018, 57, 682-689.	0.7	9
1394	Challenges to the conservation of stingless bees in Atlantic Forest patches: old approaches, new applications. <i>Journal of Insect Conservation</i> , 2018, 22, 627-633.	0.8	3
1395	Synergistic effects of pathogen and pesticide exposure on honey bee ( <i>Apis mellifera</i> ) survival and immunity. <i>Journal of Invertebrate Pathology</i> , 2018, 159, 78-86.	1.5	66
1396	The Science Policy Field Tour Concept: A New Platform for Communicating Science for Public Policy. <i>Journal of Integrated Pest Management</i> , 2018, 9, .	0.9	2
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1398	Pathogenicity of <i>Serratia marcescens</i> Strains in Honey Bees. <i>MBio</i> , 2018, 9, .	1.8	90
1399	Pollination networks from natural and anthropogenic-novel communities show high structural similarity. <i>Oecologia</i> , 2018, 188, 1155-1165.	0.9	10
1400	Impact of inundation regime on wild bee assemblages and associated bee "flower networks. <i>Apidologie</i> , 2018, 49, 817-826.	0.9	2
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1403	The role of flowering plants, <i>Hibiscus sabdariffa</i> and <i>Crotalaria juncea</i> in coffee ecosystem to diversity of insect pollinators and coffee fruit set. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
1404	Glyphosate affects the larval development of honey bees depending on the susceptibility of colonies. <i>PLoS ONE</i> , 2018, 13, e0205074.	1.1	74

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1407	New Research and BMPs in Natural Areas: A Synthesis of the Pollinator Management Symposium from the 44th Natural Areas Conference, October 2017. <i>Natural Areas Journal</i> , 2018, 38, 334-346.	0.2	1
1408	The Effect of Neonicotinoid Insecticide and Fungicide on Sugar Responsiveness and Orientation Behavior of Honey Bee ( <i>Apis mellifera</i> ) in Semi-Field Conditions. <i>Insects</i> , 2018, 9, 130.	1.0	9
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1410	Restoration increases bee abundance and richness but not pollination in remnant and post-agricultural woodlands. <i>Ecosphere</i> , 2018, 9, e02435.	1.0	23
1411	Impacts of Insecticides on Pollinators of Different Food Plants. <i>Entomology, Ornithology, &amp; Herpetology: Current Research</i> , 2018, 07, .	0.1	11
1412	Bee Assemblages in Managed Early-Successional Habitats in Southeastern New Hampshire. <i>Northeastern Naturalist</i> , 2018, 25, 437-459.	0.1	10
1413	Stressful conditions reveal decrease in size, modification of shape but relatively stable asymmetry in bumblebee wings. <i>Scientific Reports</i> , 2018, 8, 15169.	1.6	44
1414	Low trophic niche overlap among trap-nesting bee species (Hymenoptera: Anthophila) in a semideciduous forest fragment. <i>Apidologie</i> , 2018, 49, 759-772.	0.9	3
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1420	Pollinator Abundance in Semiarid Pastures as Affected by Forage Species. <i>Crop Science</i> , 2018, 58, 2665-2671.	0.8	21
1421	Pollination biology of melittophilous legume tree species in the Atlantic Forest in Southeast Brazil. <i>Acta Botanica Brasílica</i> , 2018, 32, 410-425.	0.8	11
1422	Early warning signals for critical transitions in cardiopulmonary health, related to air pollution in an urban Chinese population. <i>Environment International</i> , 2018, 121, 240-249.	4.8	12

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1424	Limited phenological and dietary overlap between bee communities in spring flowering crops and herbaceous enhancements. <i>Ecological Applications</i> , 2018, 28, 1924-1934.	1.8	18
1425	Multiple-scale approach for evaluating the occupation of stingless bees in Atlantic forest patches. <i>Forest Ecology and Management</i> , 2018, 430, 509-516.	1.4	9
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1427	Solving Problems without Borders. <i>American Entomologist</i> , 2018, 64, 165-175.	0.1	0
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1431	A facultative mutualistic feedback enhances the stability of tropical intertidal seagrass beds. <i>Scientific Reports</i> , 2018, 8, 12988.	1.6	20
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1433	Potential associations between the mite <i>Varroa destructor</i> and other stressors in honeybee colonies ( <i>Apis mellifera</i> L.) in temperate and subtropical climate from Argentina. <i>Preventive Veterinary Medicine</i> , 2018, 159, 143-152.	0.7	9
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1437	Measurement of species associations in mixed-species bird flocks across environmental and human disturbance gradients. <i>Ecosphere</i> , 2018, 9, e02324.	1.0	21
1438	Single and interactive effects of <i>Varroa destructor</i> , <i>Nosema</i> spp., and imidacloprid on honey bee colonies ( <i>Apis mellifera</i> ). <i>Ecosphere</i> , 2018, 9, e02378.	1.0	31
1439	Caste-Specific Demography and Phenology in Bumblebees: Modelling BeeWalk Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2018, 23, 427-445.	0.7	7
1440	Wild bee diversity is enhanced by experimental removal of timber harvest residue within intensively managed conifer forest. <i>GCB Bioenergy</i> , 2018, 10, 766-781.	2.5	25



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1442	Indigenous climate change adaptation strategies used by Honey Producers in rural communities of Enugu State, Nigeria. <i>Journal of Agricultural Extension</i> , 2018, 22, .	0.1	5
1443	Farming for bees: annual variation in pollinator populations across agricultural landscapes. <i>Agricultural and Forest Entomology</i> , 2018, 20, 541-548.	0.7	19
1444	Wild bee species abundance and richness across an urbanâ€“rural gradient. <i>Journal of Insect Conservation</i> , 2018, 22, 391-403.	0.8	30
1445	A land classification protocol for pollinator ecology research: An urbanization case study. <i>Ecology and Evolution</i> , 2018, 8, 5598-5610.	0.8	9
1446	Ecology for Sustainable and Multifunctional Agriculture. <i>Sustainable Agriculture Reviews</i> , 2018, , 1-46.	0.6	8
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1448	Saproxyllic Bees and Wasps. <i>Zoological Monographs</i> , 2018, , 217-235.	1.1	16
1449	Extremely Low Frequency Electromagnetic Fields impair the Cognitive and Motor Abilities of Honey Bees. <i>Scientific Reports</i> , 2018, 8, 7932.	1.6	42
1450	Imidacloprid intensifies its impact on honeybee and bumblebee cellular immune response when challenged with LPS (lippopolysaccharide) of <i>Escherichia coli</i> . <i>Journal of Insect Physiology</i> , 2018, 108, 17-24.	0.9	22
1451	Adaptive Foraging of Pollinators Can Promote Pollination of a Rare Plant Species. <i>American Naturalist</i> , 2018, 192, E81-E92.	1.0	16
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1455	Early steps of cryopreservation of day one honeybee ( <i>Apis mellifera</i> ) embryos treated with low-frequency sonophoresis. <i>Cryobiology</i> , 2018, 83, 27-33.	0.3	3
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1458	Plant and Insect Viruses in Managed and Natural Environments: Novel and Neglected Transmission Pathways. <i>Advances in Virus Research</i> , 2018, 101, 149-187.	0.9	45
1459	Developmental characterization and environmental stress responses of Y-box binding protein 1 gene ( <i>AccYB-1</i> ) from <i>Apis cerana cerana</i> . <i>Gene</i> , 2018, 674, 37-48.	1.0	9

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1461	Reflections on, and visions for, the changing field of pollination ecology. Ecology Letters, 2018, 21, 1282-1295.	3.0	50
1462	Environment and <i>Varroa destructor</i> management as determinant of colony losses in apiaries under temperate and subtropical climate. Journal of Apicultural Research, 2018, 57, 551-564.	0.7	15
1463	Changes in interaction network topology and species composition of flower-visiting insects across three land use types. African Journal of Ecology, 2018, 56, 964-971.	0.4	5
1464	Reduction by half: the impact on bees of 34 years of urbanization. Urban Ecosystems, 2018, 21, 943-949.	1.1	53
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1467	A Nonlethal Method to Examine Non-Apis Bees for Mark-Capture Research. Journal of Insect Science, 2018, 18, .	0.6	17
1468	Floral sources used by the orchid bee <i>Euglossa cordata</i> (Linnaeus, 1758) (Apidae: Euglossini) in an urban area of south-eastern Brazil. Grana, 2018, 57, 471-480.	0.4	9
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1471	Pollination ecology in China from 1977 to 2017. Plant Diversity, 2018, 40, 172-180.	1.8	12
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1481	Managing and Preserving Stingless Bees. , 2018, , 193-242.		1
1482	Bees increase oilseed rape yield under real field conditions. <i>Agriculture, Ecosystems and Environment</i> , 2018, 266, 39-48.	2.5	54
1483	Pollen Use by <i>Osmia lignaria</i> (Hymenoptera: Megachilidae) in Highbush Blueberry Fields. <i>Annals of the Entomological Society of America</i> , 0, , .	1.3	4
1484	Everyday, Local, Nearby, Healthy Childhood nature Settings as Sites for Promoting Children's Health and Well-Being. <i>Springer International Handbooks of Education</i> , 2018, , 1-26.	0.1	1
1485	The Wisdom of Honeybee Defenses Against Environmental Stresses. <i>Frontiers in Microbiology</i> , 2018, 9, 722.	1.5	50
1486	A mechanistic framework to explain the immunosuppressive effects of neurotoxic pesticides on bees. <i>Functional Ecology</i> , 2018, 32, 1921-1930.	1.7	23
1487	Don't Know Much about Bumblebees? A Study about Secondary School Students' Knowledge and Attitude Shows Educational Demand. <i>Insects</i> , 2018, 9, 40.	1.0	17
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1489	A Sustainable Agricultural Future Relies on the Transition to Organic Agroecological Pest Management. <i>Sustainability</i> , 2018, 10, 2023.	1.6	57
1490	Garden Pollinators and the Potential for Ecosystem Service Flow to Urban and Peri-Urban Agriculture. <i>Sustainability</i> , 2018, 10, 2047.	1.6	26
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1493	Mist-Netting of Migrating Bee-Eaters Positively Influences Honey Bee Colony Performance. <i>Journal of Apicultural Science</i> , 2018, 62, 67-78.	0.1	3
1494	The dilemma of agricultural pollination in Brazil: Beekeeping growth and insecticide use. <i>PLoS ONE</i> , 2018, 13, e0200286.	1.1	25
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1497	In Vitro Rearing of Solitary Bees: A Tool for Assessing Larval Risk Factors. <i>Journal of Visualized Experiments</i> , 2018, . .	0.2	7
1498	<i>Apis mellifera</i> (Insecta: Hymenoptera) in the target of neonicotinoids: A one-way ticket? Bioinsecticides can be an alternative. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 28-36.	2.9	18
1499	A Specialist in an Urban Area: Are Cities Suitable to Harbour Populations of the Oligolectic Bee <i>Centris</i> ( <i>Melacentris</i> ) <i>collaris</i> (Apidae: Centridini)? <i>Annales Zoologici Fennici</i> , 2018, 55, 135-149.	0.2	17
1500	Effects of herbicide and nitrogen fertilizer on non-target plant reproduction and indirect effects on pollination in <i>Tanacetum vulgare</i> (Asteraceae). <i>Agriculture, Ecosystems and Environment</i> , 2018, 262, 76-82.	2.5	31
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1502	Bumblebee olfactory learning affected by task allocation but not by a trypanosome parasite. <i>Scientific Reports</i> , 2018, 8, 5809.	1.6	6
1503	Evaluation of Nasonov Pheromone Dispensers for Pollinator Attraction in Apple, Blueberry, and Cherry. <i>Journal of Economic Entomology</i> , 2018, 111, 1658-1663.	0.8	3
1504	Next-generation sequence data demonstrate several pathogenic bee viruses in Middle East and African honey bee subspecies ( <i>Apis mellifera syriaca</i> , <i>Apis mellifera intermissa</i> ) as well as their cohabiting pathogenic mites ( <i>Varroa destructor</i> ). <i>Virus Genes</i> , 2018, 54, 694-705.	0.7	7
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1509	Wild bees respond complementarily to “high-quality” perennial and annual habitats of organic farms in a complex landscape. <i>Journal of Insect Conservation</i> , 2018, 22, 551-562.	0.8	15
1510	Role of colour and volatile in foraging behaviour of honeybee <i>Apis cerana</i> on <i>Jacquemontia pentanthos</i> . <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 1122-1128.	0.4	15
1511	Asymmetric evolutionary responses to sex-specific selection in a hermaphrodite. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2181-2201.	1.1	10
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1513	The effects of raw propolis on <i>Varroa</i> -infested honey bee ( <i>Apis mellifera</i> ) workers. <i>Parasitology Research</i> , 2018, 117, 3527-3535.	0.6	11

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1519	Pollinator Decline â€™ An Ecological Calamity in the Making?. Science Progress, 2018, 101, 121-160.	1.0	76
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1522	Monitoring bee populations: are eusocial bees attracted to different colours of pan trap than other bees?. Journal of Insect Conservation, 2018, 22, 433-441.	0.8	18
1523	Investigating the viral ecology of global bee communities with high-throughput metagenomics. Scientific Reports, 2018, 8, 8879.	1.6	58
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1530	A stakeholder approach, door opener for farmland and multifunctionality in urban green infrastructure. Urban Forestry and Urban Greening, 2019, 40, 73-83.	2.3	32
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1533	Domestic gardens as favorable pollinator habitats in impervious landscapes. <i>Science of the Total Environment</i> , 2019, 647, 420-430.	3.9	46
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1535	Metabolomics-based biomarker discovery for bee health monitoring: A proof of concept study concerning nutritional stress in <i>Bombus terrestris</i> . <i>Scientific Reports</i> , 2019, 9, 11423.	1.6	15
1536	Neonicotinoids in excretion product of phloem-feeding insects kill beneficial insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16817-16822.	3.3	99
1537	Global warming promotes biological invasion of a honey bee pest. <i>Global Change Biology</i> , 2019, 25, 3642-3655.	4.2	64
1538	The critical role of honeyeaters in the pollination of the catspaw <i>Anigozanthos humilis</i> (Haemodoraceae). <i>Australian Journal of Botany</i> , 2019, 67, 281.	0.3	4
1539	The Year of the Honey Bee ( <i>Apis mellifera</i> L.) with Respect to Its Physiology and Immunity: A Search for Biochemical Markers of Longevity. <i>Insects</i> , 2019, 10, 244.	1.0	30
1540	Insecticidal activity of indole derivatives against <i>Plutella xylostella</i> and selectivity to four non-target organisms. <i>Ecotoxicology</i> , 2019, 28, 973-982.	1.1	10
1541	An Ecological Loop: Host Microbiomes across Multitrophic Interactions. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1118-1130.	4.2	88
1542	An Evaluation of Studies on the Potential Threats Contributing to the Decline of Eastern Migratory North American Monarch Butterflies ( <i>Danaus plexippus</i> ). <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	21
1543	The Consequences of Biodiversity Loss for Human Well-Being. , 2019, , 285-308.		0
1544	The influence of garden flowers on pollinator visits to forest flowers: comparison of bumblebee habitat use between urban and natural areas. <i>Urban Ecosystems</i> , 2019, 22, 1097-1112.	1.1	6
1545	Road verges support pollinators in agricultural landscapes, but are diminished by heavy traffic and summer cutting. <i>Journal of Applied Ecology</i> , 2019, 56, 2316-2327.	1.9	53
1546	Applying ecosystem services for pre-market environmental risk assessments of regulated stressors. <i>EFSA Journal</i> , 2019, 17, e170705.	0.9	7
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1551	Comparative pesticide exposure to <i>Apis mellifera</i> via honey bee-collected pollen in agricultural and non-agricultural areas of Northern Thailand. <i>Journal of Apicultural Research</i> , 2019, 58, 720-729.	0.7	13
1552	Industrial bees: The impact of apicultural intensification on local disease prevalence. <i>Journal of Applied Ecology</i> , 2019, 56, 2195-2205.	1.9	20
1553	Semi-quantitative characterisation of mixed pollen samples using MinION sequencing and Reverse Metagenomics (RevMet). <i>Methods in Ecology and Evolution</i> , 2019, 10, 1690-1701.	2.2	29
1554	Impacts of Agricultural Management Systems on Biodiversity and Ecosystem Services in Highly Simplified Dryland Landscapes. <i>Sustainability</i> , 2019, 11, 3223.	1.6	14
1555	Combined nutritional stress and a new systemic pesticide (flupyradifurone, Sivanto <sup>®</sup> ) reduce bee survival, food consumption, flight success, and thermoregulation. <i>Chemosphere</i> , 2019, 237, 124408.	4.2	66
1556	A computer vision system to monitor the infestation level of <i>Varroa destructor</i> in a honeybee colony. <i>Computers and Electronics in Agriculture</i> , 2019, 164, 104898.	3.7	40
1557	Pattern of population structuring between Belgian and Estonian bumblebees. <i>Scientific Reports</i> , 2019, 9, 9651.	1.6	12
1558	Global agricultural productivity is threatened by increasing pollinator dependence without a parallel increase in crop diversification. <i>Global Change Biology</i> , 2019, 25, 3516-3527.	4.2	206
1559	Evaluating the ability of citizen scientists to identify bumblebee ( <i>Bombus</i> ) species. <i>PLoS ONE</i> , 2019, 14, e0218614.	1.1	46
1560	The Bio-Evolutionary Anthropocene Hypothesis: Rethinking the Role of Human-Induced Novel Organisms in Evolution. <i>Biological Theory</i> , 2019, 14, 141-150.	0.8	2
1561	Impact of nutritional stress on the honeybee colony health. <i>Scientific Reports</i> , 2019, 9, 10156.	1.6	64
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1563	Nanopesticide based on botanical insecticide pyrethrum and its potential effects on honeybees. <i>Chemosphere</i> , 2019, 236, 124282.	4.2	38
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1566	Short-Term Response of Two Beneficial Invertebrate Groups to Wildfire in an Arid Grassland System, United States. <i>Rangeland Ecology and Management</i> , 2019, 72, 551-560.	1.1	12
1567	Comparative survival and fitness of bumble bee colonies in natural, suburban, and agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2019, 284, 106594.	2.5	17

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1569	Wildflower Seed Sales as Incentive for Adopting Flower Strips for Native Bee Conservation: A Cost-Benefit Analysis. <i>Journal of Economic Entomology</i> , 2019, 112, 2534-2544.	0.8	7
1570	Genomeâ€skimming provides accurate quantification for pollen mixtures. <i>Molecular Ecology Resources</i> , 2019, 19, 1433-1446.	2.2	31
1571	Evidence for multiple drivers of aerial insectivore declines in North America. <i>Condor</i> , 2019, 121, .	0.7	73
1572	Contrasting effects of natural shrubland and plantation forests on bee assemblages at neighboring apple orchards in Beijing, China. <i>Biological Conservation</i> , 2019, 237, 456-462.	1.9	28
1573	Toward the protection of bees and pollination under global change: present and future perspectives in a challenging applied science. <i>Current Opinion in Insect Science</i> , 2019, 35, 123-131.	2.2	53
1574	Linden ( <i>Tilia cordata</i> ) associated bumble bee mortality: Metabolomic analysis of nectar and bee muscle. <i>PLoS ONE</i> , 2019, 14, e0218406.	1.1	8
1575	Floral reward and insect visitors in six ornamental <i>Lonicera</i> species â€“ Plants suitable for urban bee-friendly gardens. <i>Urban Forestry and Urban Greening</i> , 2019, 44, 126390.	2.3	19
1576	Wildlife Refuges Support High Bee Diversity on the Southern Great Plains. <i>Environmental Entomology</i> , 2019, 48, 968-976.	0.7	3
1577	Effects of <i>Chlorella</i> sp. on biological characteristics of the honey bee <i>Apis mellifera</i> . <i>Apidologie</i> , 2019, 50, 564-577.	0.9	19
1578	Disentangling the diversity of definitions for the pollination ecosystem service and associated estimation methods. <i>Ecological Indicators</i> , 2019, 107, 105576.	2.6	27
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1580	The complementarity between ecological infrastructure types benefits natural enemies and pollinators in a Mediterranean vineyard agroecosystem. <i>Annals of Applied Biology</i> , 2019, 175, 193-201.	1.3	18
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1582	RNA virus spillover from managed honeybees ( <i>Apis mellifera</i> ) to wild bumblebees ( <i>Bombus</i> spp.). <i>PLoS ONE</i> , 2019, 14, e0217822.	1.1	105
1583	Oral acute toxicity and impact of neonicotinoids on <i>Apis mellifera</i> L. and <i>Scaptotrigona postica</i> Latreille (Hymenoptera: Apidae). <i>Ecotoxicology</i> , 2019, 28, 744-753.	1.1	29
1584	Pollinator parasites and the evolution of floral traits. <i>Ecology and Evolution</i> , 2019, 9, 6722-6737.	0.8	6
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1588	Geographic Biases in Bee Research Limits Understanding of Species Distribution and Response to Anthropogenic Disturbance. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	23
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1590	Optimizing sampling of flying insects using a modified window trap. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1820-1825.	2.2	33
1591	Anthropogenic noise and the bioacoustics of terrestrial invertebrates. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	30
1592	Unique features of flight muscles mitochondria of honey bees ( <i>Apis mellifera</i> L.). <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 102, e21595.	0.6	10
1593	Be a Professional: Attend to the Insects. <i>American Entomologist</i> , 2019, 65, 176-179.	0.1	5
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1595	Vegetation development in a stormwater management system designed to enhance ecological qualities. <i>Urban Forestry and Urban Greening</i> , 2019, 46, 126463.	2.3	7
1596	Evidence of presence and replication of honey bee viruses among wild bee pollinators in subtropical environments. <i>Journal of Invertebrate Pathology</i> , 2019, 168, 107256.	1.5	20
1597	Benefits for multiple ecosystem services in Peruvian coffee agroforestry systems without reducing yield. <i>Ecosystem Services</i> , 2019, 40, 101033.	2.3	23
1598	Long-term large-scale decline in relative abundances of butterfly and burnet moth species across south-western Germany. <i>Scientific Reports</i> , 2019, 9, 14921.	1.6	81
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1600	Effect of Abscisic Acid (ABA) Combined with Two Different Beekeeping Nutritional Strategies to Confront Overwintering: Studies on Honey Bees™ Population Dynamics and Nosemosis. <i>Insects</i> , 2019, 10, 329.	1.0	13
1601	<i>Bombus</i> (Hymenoptera: Apidae) Microcolonies as a Tool for Biological Understanding and Pesticide Risk Assessment. <i>Environmental Entomology</i> , 2019, 48, 1249-1259.	0.7	35
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1605	Diversity matters: Effects of density compensation in pollination service during rainfall shift. <i>Ecology and Evolution</i> , 2019, 9, 9701-9711.	0.8	12
1606	Personalized Pain Goals and Responses in Advanced Cancer Patients. <i>Pain Medicine</i> , 2019, 21, e215-e221.	0.9	3
1607	Foodborne Transmission of Deformed Wing Virus to Ants ( <i>Myrmica rubra</i> ). <i>Insects</i> , 2019, 10, 394.	1.0	21
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1609	The Landscape Genetic Signature of Pollination by Trapliners: Evidence From the Tropical Herb, <i>Heliconia tortuosa</i> . <i>Frontiers in Genetics</i> , 2019, 10, 1206.	1.1	16
1610	Biodiversity Decline as a Consequence of an Inappropriate Environmental Risk Assessment of Pesticides. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	184
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1612	How does timing of flowering affect competition for pollinators, flower visitation and seed set in an early spring grassland plant?. <i>Scientific Reports</i> , 2019, 9, 15593.	1.6	28
1613	Nutritional status of honey bee ( <i>Apis mellifera</i> L.) workers across an agricultural land-use gradient. <i>Scientific Reports</i> , 2019, 9, 16252.	1.6	30
1614	Richness of Wild Bees (Hymenoptera: Apidae) in a Forest Remnant in a Transition Region of Eastern Amazonia. <i>Psyche: Journal of Entomology</i> , 2019, 2019, 1-11.	0.4	2
1615	Risk and Toxicity Assessment of a Potential Natural Insecticide, Methyl Benzoate, in Honey Bees ( <i>Apis</i> )	1.0	19
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1618	Time since fire strongly and variously influences anthophilous insects in a fire-prone landscape. <i>Ecosphere</i> , 2019, 10, e02849.	1.0	10
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1620	Improvement of almond production using <i>Bombus terrestris</i> (Hymenoptera: Apidae) in Mediterranean conditions. <i>Journal of Applied Entomology</i> , 2019, 143, 1132-1142.	0.8	8
1621	Quality Control of Bee-Collected Pollen Using Bumblebee Microcolonies and Molecular Approaches Reveals No Correlation Between Pollen Quality and Pathogen Presence. <i>Journal of Economic Entomology</i> , 2019, 112, 49-59.	0.8	4

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1626	Effects of the North Atlantic Oscillation (NAO) and meteorological variables on the annual Alcarria honey production in Spain. <i>Journal of Apicultural Research</i> , 2019, 58, 788-791.	0.7	7
1627	Influence of chronic exposure to thiamethoxam and chronic bee paralysis virus on winter honey bees. <i>PLoS ONE</i> , 2019, 14, e0220703.	1.1	27
1628	Economic value of regulating ecosystem services: a comprehensive at the global level review. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 616.	1.3	22
1629	Influence of microhabitat on Honduran Emerald ( <i>Amazilia luciae</i> ) abundance in tropical dry forest remnants. <i>Avian Conservation and Ecology</i> , 2019, 14, .	0.3	2
1630	The risk of threshold responses, tipping points, and cascading failures in pollination systems. <i>Biodiversity and Conservation</i> , 2019, 28, 3389-3406.	1.2	11
1631	Honey bees as bioindicators of changing global agricultural landscapes. <i>Current Opinion in Insect Science</i> , 2019, 35, 132-137.	2.2	41
1632	Feeding by <i>Tropilaelaps mercedesae</i> on pre- and post-capped brood increases damage to <i>Apis mellifera</i> colonies. <i>Scientific Reports</i> , 2019, 9, 13044.	1.6	12
1633	Acute exposure to urban air pollution impairs olfactory learning and memory in honeybees. <i>Ecotoxicology</i> , 2019, 28, 1056-1062.	1.1	24
1634	A holistic study of neonicotinoids neuroactive insecticidesâ€™ properties, applications, occurrence, and analysis. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34723-34740.	2.7	63
1635	Flowers as viral hot spots: Honey bees ( <i>Apis mellifera</i> ) unevenly deposit viruses across plant species. <i>PLoS ONE</i> , 2019, 14, e0221800.	1.1	49
1636	PEST-CHEMGRIDS, global gridded maps of the top 20 crop-specific pesticide application rates from 2015 to 2025. <i>Scientific Data</i> , 2019, 6, 170.	2.4	168
1637	Contrasting patterns of genetic and morphological diversity in the bumblebee <i>Bombus lucorum</i> (Hymenoptera: Apidae: <i>Bombus</i> ) along a European gradient. <i>Journal of Insect Conservation</i> , 2019, 23, 933-943.	0.8	1
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1639	Flexible PET/IITO/Ag SERS Platform for Label-Free Detection of Pesticides. <i>Biosensors</i> , 2019, 9, 111.	2.3	22

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1642	Benchmarking nesting aids for cavity-nesting bees and wasps. <i>Biodiversity and Conservation</i> , 2019, 28, 3831-3849.	1.2	16
1643	Plant-pollinator networks in grassland working landscapes reveal seasonal shifts in network structure and composition. <i>Ecosphere</i> , 2019, 10, e02569.	1.0	24
1644	Ground cover management with mixtures of flowering plants to enhance insect pollinators and natural enemies of pests in olive groves. <i>Agriculture, Ecosystems and Environment</i> , 2019, 274, 76-89.	2.5	38
1645	Artificial Domicile Use by Bumble Bees ( <i>Bombus</i> ; Hymenoptera: Apidae) in Ontario, Canada. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	2
1646	Effects of radiofrequency electromagnetic radiation (RF-EMF) on honey bee queen development and mating success. <i>Science of the Total Environment</i> , 2019, 661, 553-562.	3.9	47
1647	The Use of the Predatory Mite <i>Stratiolaelaps scimitus</i> (Mesostigmata: Laelapidae) to Control <i>Varroa destructor</i> (Mesostigmata: Varroidae) in Honey Bee Colonies in Early and Late Fall. <i>Journal of Economic Entomology</i> , 2019, 112, 534-542.	0.8	3
1648	Minimising Risks of Global Change by Enhancing Resilience of Pollinators in Agricultural Systems. , 2019, , 105-111.		6
1649	Vertical and temporal distribution of spotted-wing drosophila ( <i>Drosophila suzukii</i> ) and pollinators within cultivated raspberries. <i>Pest Management Science</i> , 2019, 75, 2188-2194.	1.7	18
1650	Reproductive strategy and the effect of floral pillagers on fruit production of the passion flower <i>Passiflora setacea</i> cultivated in Brazil. <i>Revista Brasileira De Botanica</i> , 2019, 42, 63-71.	0.5	5
1651	Local and landscape habitat influences on bee diversity in agricultural landscapes in Anolaima, Colombia. <i>Journal of Insect Conservation</i> , 2019, 23, 133-146.	0.8	17
1652	Towards the development of an index for the holistic assessment of the health status of a honey bee colony. <i>Ecological Indicators</i> , 2019, 101, 341-347.	2.6	11
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1656	Agricultural intensification may create an attractive sink for Dolichopodidae, a ubiquitous but understudied predatory fly family. <i>Journal of Insect Conservation</i> , 2019, 23, 453-465.	0.8	8
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1660	Transcriptomic responses to diet quality and viral infection in <i>Apis mellifera</i> . <i>BMC Genomics</i> , 2019, 20, 412.	1.2	29
1661	Agroforestry and Biodiversity. <i>Sustainability</i> , 2019, 11, 2879.	1.6	113
1662	Networking of Mutagens in Environmental Toxicology. <i>Environmental Science and Engineering</i> , 2019, , .	0.1	3
1663	Pollen on Stigmas of Herbarium Specimens: A Window into the Impacts of a Century of Environmental Disturbance on Pollen Transfer. <i>American Naturalist</i> , 2019, 194, 405-413.	1.0	15
1664	Preference of <i>Peponapis pruinosa</i> (Hymenoptera: Apoidea) for Tilled Soils Regardless of Soil Management System. <i>Environmental Entomology</i> , 2019, 48, 961-967.	0.7	9
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1667	The landscape ecology of pollination. <i>Landscape Ecology</i> , 2019, 34, 961-966.	1.9	22
1668	Pollen-borne microbes shape bee fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182894.	1.2	67
1669	Varietal and seasonal differences in the effects of commercial bumblebees on fruit quality in strawberry crops. <i>Agriculture, Ecosystems and Environment</i> , 2019, 281, 124-133.	2.5	19
1670	Estructura funcional y patrones de especialización en las relaciones planta-polinizador de un agroecosistema en el Valle del Cauca, Colombia. <i>Acta Biologica Colombiana</i> , 2019, 24, 331-342.	0.1	2
1671	Intersections between rural livelihood security and animal pollination in Anolaima, Colombia. <i>Geoforum</i> , 2019, 104, 13-24.	1.4	3
1672	Crucifer-legume cover crop mixtures for biocontrol: Toward a new multi-service paradigm. <i>Advances in Agronomy</i> , 2019, , 55-139.	2.4	33
1673	Stock-specific chemical brood signals are induced by <i>Varroa</i> and Deformed Wing Virus, and elicit hygienic response in the honey bee. <i>Scientific Reports</i> , 2019, 9, 8753.	1.6	36
1674	From plant fungi to bee parasites: mycorrhizae and soil nutrients shape floral chemistry and bee pathogens. <i>Ecology</i> , 2019, 100, e02801.	1.5	20
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1676	When Are Adverse Outcome Pathways and Associated Assays "Fit for Purpose" for Regulatory Decision-Making and Management of Chemicals?. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 633-647.	1.6	25
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1680	Fresh "Pollen Adhesive" Weakens Humidity-Dependent Pollen Adhesion. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 24691-24698.	4.0	18
1681	Contamination Links Between Terrestrial and Aquatic Ecosystems: The Neonicotinoid Case. <i>Environmental Science and Engineering</i> , 2019, , 145-157.	0.1	0
1682	Ecotoxicological Effects of Heavy Metal Pollution on Economically Important Terrestrial Insects. <i>Environmental Science and Engineering</i> , 2019, , 137-144.	0.1	14
1683	An optimized approach for extraction and quantification of energy reserves in differentially fed bumble bees ( <i>Bombus</i> ). <i>Journal of Apicultural Research</i> , 2019, 58, 531-541.	0.7	3
1684	Nesting biology and niche modelling of <i>Tetragonula iridipennis</i> (Smith) (Hymenoptera: Apidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50</i>	0.7	8
1685	Insights into the impacts of rural honey hunting in Zambia. <i>African Journal of Ecology</i> , 2019, 57, 610-614.	0.4	2
1686	Light Pollution Is a Driver of Insect Declines. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	2
1687	Plant species roles in pollination networks: an experimental approach. <i>Oikos</i> , 2019, 128, 1446-1457.	1.2	22
1688	Connectedness of habitat fragments boosts conservation benefits for butterflies, but only in landscapes with little cropland. <i>Landscape Ecology</i> , 2019, 34, 1045-1056.	1.9	13
1689	Effect of timing and exposure of sunflower pollen on a common gut pathogen of bumble bees. <i>Ecological Entomology</i> , 2019, 44, 702-710.	1.1	9
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1691	Butterfly richness and abundance in flower strips and field margins: the role of local habitat quality and landscape context. <i>Heliyon</i> , 2019, 5, e01636.	1.4	24
1692	A global synthesis of fire effects on pollinators. <i>Global Ecology and Biogeography</i> , 2019, 28, 1487-1498.	2.7	81
1693	Seasonal variation of pollen collected by honey bees ( <i>Apis mellifera</i> ) in developed areas across four regions in the United States. <i>PLoS ONE</i> , 2019, 14, e0217294.	1.1	71
1694	Interactive effects of urbanization and local habitat characteristics influence bee communities and flower visitation rates. <i>Oecologia</i> , 2019, 190, 715-723.	0.9	35
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1697	Pollination Services from Insects in Homegardens in the Chengdu Plain will be Confronted with Crises. <i>Sustainability</i> , 2019, 11, 2169.	1.6	6
1698	RNAseq Analysis Reveals Virus Diversity within Hawaiian Apiary Insect Communities. <i>Viruses</i> , 2019, 11, 397.	1.5	28
1699	Low maize pollen collection and low pesticide risk to honey bees in heterogeneous agricultural landscapes. <i>Apidologie</i> , 2019, 50, 379-390.	0.9	16
1700	Field-level characteristics influence wild bee functional guilds on public lands managed for conservation. <i>Global Ecology and Conservation</i> , 2019, 17, e00598.	1.0	5
1701	The Conservation of Native Honey Bees Is Crucial. <i>Trends in Ecology and Evolution</i> , 2019, 34, 789-798.	4.2	110
1702	Repellency of insecticides and the effect of thiacloprid on bumble bee colony development in red clover ( <i>Trifolium pratense</i> L.) seed crops. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2019, 69, 439-451.	0.3	5
1703	Intraspecific Variation in Worker Body Size Makes North American Bumble Bees ( <i>Bombus</i> spp.) Less Susceptible to Decline. <i>American Naturalist</i> , 2019, 194, 381-394.	1.0	18
1704	Habitat fragmentation reduces plant progeny quality: a global synthesis. <i>Ecology Letters</i> , 2019, 22, 1163-1173.	3.0	118
1705	Gene Disruption of Honey Bee Trypanosomatid Parasite, <i>Lotmaria passim</i> , by CRISPR/Cas9 System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 126.	1.8	10
1706	The power and efficiency of brood incubation in queenless microcolonies of bumble bees ( <i>Bombus</i> ). <i>Ecology Letters</i> , 2019, 22, 1163-1173.	1.1	11
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1708	Mitigating the biodiversity footprint of energy crops – A case study on arthropod diversity. <i>Biomass and Bioenergy</i> , 2019, 125, 180-187.	2.9	11
1709	Compositional Shifts in Forb and Butterfly Communities Associated with Kentucky Bluegrass Invasions. <i>Rangeland Ecology and Management</i> , 2019, 72, 301-309.	1.1	18
1710	Botanical and synthetic pesticides alter the flower visitation rates of pollinator bees in Neotropical melon fields. <i>Environmental Pollution</i> , 2019, 251, 591-599.	3.7	47
1711	DWV-A Lethal to Honey Bees ( <i>Apis mellifera</i> ): A Colony Level Survey of DWV Variants (A, B, and C) in England, Wales, and 32 States across the US. <i>Viruses</i> , 2019, 11, 426.	1.5	62
1712	No guts, no glory: Gut content metabarcoding unveils the diet of a flower-associated coastal sage scrub predator. <i>Ecosphere</i> , 2019, 10, e02712.	1.0	8
1713	Diverse yet endangered: pollen dispersal and mating system reveal inbreeding in a narrow endemic plant. <i>Plant Ecology and Diversity</i> , 2019, 12, 169-180.	1.0	15

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1716	Prickly pear crops as bee diversity reservoirs and the role of bees in <i>Opuntia</i> fruit production. <i>Agriculture, Ecosystems and Environment</i> , 2019, 279, 80-88.	2.5	2
1717	Are orchid bees useful indicators of the impacts of human disturbance?. <i>Ecological Indicators</i> , 2019, 103, 745-755.	2.6	15
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1719	Conserving bees in destroyed landscapes: The potentials of reclaimed sand mines. <i>Global Ecology and Conservation</i> , 2019, 19, e00642.	1.0	8
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1722	The Integrated Monarch Monitoring Program: From Design to Implementation. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	23
1723	Uncertainties in the value and opportunity costs of pollination services. <i>Journal of Applied Ecology</i> , 2019, 56, 1549-1559.	1.9	5
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1725	Influence of grazing intensity on patterns and structuring processes in plantâ€pollinator networks in a subtropical grassland. <i>Arthropod-Plant Interactions</i> , 2019, 13, 757-770.	0.5	18
1726	Pollination by sexual deception of fungus gnats (Keroplastidae and Mycetophilidae) in two clades of <i>Pterostylis</i> (Orchidaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 101-116.	0.8	22
1727	Determining the value of ecosystem services in agriculture. , 2019, , 60-89.		2
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1729	Status changes in the wild bees of northâ€eastern North America over 125Âyears revealed through museum specimens. <i>Insect Conservation and Diversity</i> , 2019, 12, 278-288.	1.4	41
1730	In vitro larval rearing protocol for the stingless bee species <i>Melipona scutellaris</i> for toxicological studies. <i>PLoS ONE</i> , 2019, 14, e0213109.	1.1	20
1731	Mitigating the precipitous decline of terrestrial European insects: Requirements for a new strategy. <i>Biodiversity and Conservation</i> , 2019, 28, 1343-1360.	1.2	159



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1733	Evaluation of nest-site selection of ground-nesting bees and wasps (Hymenoptera) using emergence traps. <i>Canadian Entomologist</i> , 2019, 151, 260-271.	0.4	17
1734	Urbanization predicts infection risk by a protozoan parasite in non-migratory populations of monarch butterflies from the southern coastal U.S. and Hawaii. <i>Landscape Ecology</i> , 2019, 34, 649-661.	1.9	13
1735	Reproductive Proteomics Comes of Age. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S1-S5.	2.5	8
1736	Psychophysics of the hoverfly: categorical or continuous color discrimination?. <i>Environmental Epigenetics</i> , 2019, 65, 483-492.	0.9	35
1737	A century of local changes in bumblebee communities and landscape composition in Belgium. <i>Journal of Insect Conservation</i> , 2019, 23, 489-501.	0.8	24
1738	Honey bee ( <i>Apis mellifera</i> ) exposomes and dysregulated metabolic pathways associated with <i>Nosema ceranae</i> infection. <i>PLoS ONE</i> , 2019, 14, e0213249.	1.1	15
1739	The novel pesticide flupyradifurone (Sivanto) affects honeybee motor abilities. <i>Ecotoxicology</i> , 2019, 28, 354-366.	1.1	44
1740	Environmental Impacts on Human Health and Well-Being. , 2019, , 477-499.		18
1741	Natural biocide disrupts nestmate recognition in honeybees. <i>Scientific Reports</i> , 2019, 9, 3171.	1.6	25
1742	An Examination of Exposure Routes of Fluvalinate to Larval and Adult Honey Bees ( <i>Apis mellifera</i> ). <i>Journal of Apiculture</i> , 2019, 11, 342-347.	2.2	11
1743	Widespread losses of pollinating insects in Britain. <i>Nature Communications</i> , 2019, 10, 1018.	5.8	415
1744	Evaluating next-generation sequencing (NGS) methods for routine monitoring of wild bees: Metabarcoding, mitogenomics or NGS barcoding. <i>Molecular Ecology Resources</i> , 2019, 19, 847-862.	2.2	26
1745	Landscape genomics to the rescue of a tropical bee threatened by habitat loss and climate change. <i>Evolutionary Applications</i> , 2019, 12, 1164-1177.	1.5	41
1746	Do native and invasive herbivores have an effect on <i>Brassica rapa</i> pollination?. <i>Plant Biology</i> , 2019, 21, 927-934.	1.8	1
1747	Manure application improves both bumblebee flower visitation and crop yield in intensive farmland. <i>Basic and Applied Ecology</i> , 2019, 36, 26-33.	1.2	10
1748	Changes in adult sex ratio in wild bee communities are linked to urbanization. <i>Scientific Reports</i> , 2019, 9, 3767.	1.6	33
1749	Spatial ecology of a range-expanding bumble bee pollinator. <i>Ecology and Evolution</i> , 2019, 9, 986-997.	0.8	16

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1751	Range expansion of an already widespread bee under climate change. <i>Global Ecology and Conservation</i> , 2019, 17, e00584.	1.0	20
1752	Preinfection Effects of Nectar Secondary Compounds on a Bumble Bee Gut Pathogen. <i>Environmental Entomology</i> , 2019, 48, 685-690.	0.7	10
1753	Hygroregulation, a key ability for eusocial insects: Native Western European honeybees as a case study. <i>PLoS ONE</i> , 2019, 14, e0200048.	1.1	7
1754	Evaluating the effects of turf-replacement programs in Los Angeles. <i>Landscape and Urban Planning</i> , 2019, 185, 210-221.	3.4	31
1755	Narrow habitat breadth and late-summer emergence increases extinction vulnerability in Central European bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190316.	1.2	24
1756	A review of the factors that influence pesticide residues in pollen and nectar: Future research requirements for optimising the estimation of pollinator exposure. <i>Environmental Pollution</i> , 2019, 249, 236-247.	3.7	64
1757	Seasonal timing in honey bee colonies: phenology shifts affect honey stores and varroa infestation levels. <i>Oecologia</i> , 2019, 189, 1121-1131.	0.9	27
1758	Pollen from multiple sunflower cultivars and species reduces a common bumblebee gut pathogen. <i>Royal Society Open Science</i> , 2019, 6, 190279.	1.1	42
1759	Lethal and sublethal synergistic effects of a new systemic pesticide, flupyradifurone (Sivanto) Tj ETQq1 1 0.784314 rgBT /Overlock 10 20190433.	1.2	103
1760	Loss of top-down biotic interactions changes the relative benefits for obligate mutualists. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182501.	1.2	13
1761	A DNA barcode library for 5,200 German flies and midges (Insecta: Diptera) and its implications for metabarcoding-based biomonitoring. <i>Molecular Ecology Resources</i> , 2019, 19, 900-928.	2.2	77
1762	Long-term monitoring of Menorcan butterfly populations reveals widespread insular biogeographical patterns and negative trends. <i>Biodiversity and Conservation</i> , 2019, 28, 1837-1851.	1.2	7
1763	Effects of three common pesticides on survival, food consumption and midgut bacterial communities of adult workers <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Environmental Pollution</i> , 2019, 249, 860-867.	3.7	35
1764	Analysis of insecticide exposure in California hummingbirds using liquid chromatography-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15458-15466.	2.7	26
1765	What features of sand quarries affect their attractiveness for bees?. <i>Acta Oecologica</i> , 2019, 96, 56-64.	0.5	10
1766	Where have all the beetles gone? Long-term study reveals carabid species decline in a nature reserve in Northern Germany. <i>Insect Conservation and Diversity</i> , 2019, 12, 268-277.	1.4	90
1767	Interacting stressors matter: diet quality and virus infection in honeybee health. <i>Royal Society Open Science</i> , 2019, 6, 181803.	1.1	80

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1769	Assessing the resilience of biodiversity-driven functions in agroecosystems under environmental change. <i>Advances in Ecological Research</i> , 2019, , 59-123.	1.4	32
1770	Scientific note: first global report of a bee nest built only with plastic. <i>Apidologie</i> , 2019, 50, 230-233.	0.9	23
1771	Learning of monochromatic stimuli in <i>Apis cerana</i> and <i>Apis mellifera</i> by means of PER conditioning. <i>Journal of Insect Physiology</i> , 2019, 114, 30-34.	0.9	8
1772	Environmental DNA metabarcoding of wild flowers reveals diverse communities of terrestrial arthropods. <i>Ecology and Evolution</i> , 2019, 9, 1665-1679.	0.8	126
1773	Bee diversity and abundance on flowers of industrial hemp ( <i>Cannabis sativa</i> L.). <i>Biomass and Bioenergy</i> , 2019, 122, 331-335.	2.9	23
1774	A review of 250 years of South African bee taxonomy and exploration (Hymenoptera: Apoidea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.8	7
1775	The effect of within-crop floral resources on pollination, aphid control and fruit quality in commercial strawberry. <i>Agriculture, Ecosystems and Environment</i> , 2019, 275, 112-122.	2.5	18
1776	Inbreeding depression and differential maladaptation shape the fitness trajectory of two co-occurring <i>Eucalyptus</i> species. <i>Annals of Forest Science</i> , 2019, 76, 1.	0.8	32
1777	Little evidence of a roadâ€effect zone for nocturnal, flying insects. <i>Ecology and Evolution</i> , 2019, 9, 65-72.	0.8	7
1778	Environmental and Ecosystem Services, Tree Diversity and Knowledge of Family Farmers. <i>Floresta E Ambiente</i> , 2019, 26, .	0.1	4
1779	The Phylogeny and Pathogenesis of Sacbrood Virus (SBV) Infection in European Honey Bees, <i>Apis mellifera</i> . <i>Viruses</i> , 2019, 11, 61.	1.5	28
1780	Grassland Management Affects Delivery of Regulating and Supporting Ecosystem Services. <i>Crop Science</i> , 2019, 59, 441-459.	0.8	104
1781	Fluorescent Pan Traps Affect the Capture Rate of Insect Orders in Different Ways. <i>Insects</i> , 2019, 10, 40.	1.0	31
1782	The Dynamics of Deformed Wing Virus Concentration and Host Defensive Gene Expression after <i>Varroa</i> Mite Parasitism in Honey Bees, <i>Apis mellifera</i> . <i>Insects</i> , 2019, 10, 16.	1.0	18
1783	The impact of four widely used neonicotinoid insecticides on <i>Tetragonisca angustula</i> (Latreille) (Hymenoptera: Apidae). <i>Chemosphere</i> , 2019, 224, 65-70.	4.2	45
1784	The effects of rainfall on plantâ€pollinator interactions. <i>Arthropod-Plant Interactions</i> , 2019, 13, 561-569.	0.5	96
1785	Relationships between multi-scale factors, plant and pollinator diversity, and composition of park lawns and other herbaceous vegetation in a fast growing megacity of China. <i>Landscape and Urban Planning</i> , 2019, 185, 117-126.	3.4	22

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1787	Inconsistent Relationships of Primary Consumer N Stable Isotope Values to Gradients of Sheep/Beef Farming Intensity and Flow Reduction in Streams. <i>Water (Switzerland)</i> , 2019, 11, 2239.	1.2	3
1788	DeepBees - Building and Scaling Convolutional Neuronal Nets For Fast and Large-Scale Visual Monitoring of Bee Hives. , 2019, , .		22
1789	First record of the genus <i>Spilomyia</i> (Diptera, Syrphidae) from the Oriental region. <i>Turkish Journal of Zoology</i> , 2019, 43, 239-242.	0.4	4
1790	Grain by Grain. , 2019, , .		4
1791	Level of Genetic Diversity in European Bumblebees is Not Determined by Local Species Abundance. <i>Frontiers in Genetics</i> , 2019, 10, 1262.	1.1	4
1792	Abundance and diversity of pollinators on green roofs are affected by environmental factors. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 358, 022053.	0.2	2
1793	Benefits and limitations of isolated floral patches in a pollinator restoration project in Arizona. <i>Restoration Ecology</i> , 2019, 27, 1282-1290.	1.4	3
1794	Quantitative and qualitative consequences of reduced pollen loads in a mixed-mating plant. <i>Ecology and Evolution</i> , 2019, 9, 14253-14260.	0.8	11
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1796	Stability and changes in the distribution of Pipiza hoverflies (Diptera, Syrphidae) in Europe under projected future climate conditions. <i>PLoS ONE</i> , 2019, 14, e0221934.	1.1	11
1797	Spatial Relation of Bumblebees (Hymenoptera-Apidae) with Host-Plant and their Conservation Issues: An Outlook from Urban Ecosystem of Kathmandu Valley, Nepal. <i>European Journal of Ecology</i> , 2019, 5, 1-7.	0.1	2
1798	Nesting success of wood-cavity-nesting bees declines with increasing time since wildfire. <i>Ecology and Evolution</i> , 2019, 9, 12436-12445.	0.8	19
1799	Reproduction of Distinct <i>Varroa destructor</i> Genotypes on Honey Bee Worker Brood. <i>Insects</i> , 2019, 10, 372.	1.0	11
1800	The Role of Linked Social-Ecological Systems in a Mobile Agent-Based Ecosystem Service from Giant Honey Bees ( <i>Apis dorsata</i> ) in an Indigenous Community Forest in Palawan, Philippines. <i>Human Ecology</i> , 2019, 47, 905-915.	0.7	3
1801	Exposure of Larvae of the Solitary Bee <i>Osmia bicornis</i> to the Honey Bee Pathogen <i>Nosema ceranae</i> Affects Life History. <i>Insects</i> , 2019, 10, 380.	1.0	19
1802	Consequences of a short time exposure to a sublethal dose of Flupyradifurone (Sivanto) pesticide early in life on survival and immunity in the honeybee ( <i>Apis mellifera</i> ). <i>Scientific Reports</i> , 2019, 9, 19753.	1.6	42
1803	4. Merging microbial and plant profiling to understand the impact of human-generated extreme environments on natural and agricultural systems. , 2019, , 57-92.		2

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1805	Floral Traits Predict Frequency of Defecation on Flowers by Foraging Bumble Bees. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	16
1806	Global-scale drivers of crop visitor diversity and the historical development of agriculture. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192096.	1.2	21
1807	Native habitat mitigates feastâ€famine conditions faced by honey bees in an agricultural landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25147-25155.	3.3	88
1808	Pollinator restoration in Brazilian ecosystems relies on a small but phylogenetically-diverse set of plant families. <i>Scientific Reports</i> , 2019, 9, 17383.	1.6	20
1809	Temperate Agroforestry Systems and Insect Pollinators: A Review. <i>Forests</i> , 2019, 10, 981.	0.9	54
1810	Nesting habitat enhancement for wild bees within soybean fields increases crop production. <i>Apidologie</i> , 2019, 50, 833-844.	0.9	22
1811	Risk of potential pesticide use to honeybee and bumblebee survival and distribution: A countryâ€wide analysis for The Netherlands. <i>Diversity and Distributions</i> , 2019, 25, 1709-1720.	1.9	14
1812	Microsatellite Marker Discovery in the Stingless Bee UruÃsu-Amarela ( <i>Melipona rufiventris</i> Group,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	10
1813	Internet of Things: Low Cost Monitoring BeeHive System using Wireless Sensor Network. , 2019, , .		10
1814	Biotic and Abiotic Factors Associated with Colonies Mortalities of Managed Honey Bee ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342	0.7	59
1815	The Roles of Four Novel P450 Genes in Pesticides Resistance in <i>Apis cerana cerana</i> Fabricius: Expression Levels and Detoxification Efficiency. <i>Frontiers in Genetics</i> , 2019, 10, 1000.	1.1	12
1816	Arthropod decline in grasslands and forests is associated with landscape-level drivers. <i>Nature</i> , 2019, 574, 671-674.	13.7	760
1817	The effect of carbohydrate sources: Sucrose, invert sugar and components of mÃnuka honey, on core bacteria in the digestive tract of adult honey bees ( <i>Apis mellifera</i> ). <i>PLoS ONE</i> , 2019, 14, e0225845.	1.1	26
1818	Fungicides, herbicides and bees: A systematic review of existing research and methods. <i>PLoS ONE</i> , 2019, 14, e0225743.	1.1	125
1819	Diversified Floral Resource Plantings Support Bee Communities after Apple Bloom in Commercial Orchards. <i>Scientific Reports</i> , 2019, 9, 17232.	1.6	15
1821	The effects of post-wildfire salvage logging on plant reproductive success and pollination in <i>Symphoricarpos albus</i> , a fire-tolerant shrub. <i>Forest Ecology and Management</i> , 2019, 432, 157-163.	1.4	6
1822	Effects of urbanisation and management practices on pollinators in tropical Africa. <i>Journal of Applied Ecology</i> , 2019, 56, 214-224.	1.9	46

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1824	Isolation from natural habitat reduces yield and quality of passion fruit. <i>Plant Biology</i> , 2019, 21, 142-149.	1.8	11
1825	Responses of grassland arthropods to an invasion by nonnative grasses. <i>Biological Invasions</i> , 2019, 21, 405-416.	1.2	17
1826	Pesticides affect pollinator abundance and productivity of sunflower ( <i>Helianthus annuus</i> L.). <i>Journal of Apicultural Research</i> , 2019, 58, 2-8.	0.7	13
1827	Identification of a metallothionein gene in honey bee <i>Apis mellifera</i> and its expression profile in response to Cd, Cu and Pb exposure. <i>Molecular Ecology</i> , 2019, 28, 731-745.	2.0	20
1828	Simultaneous Recordings of Insect Visitors to Flowers Show Spatial and Temporal Heterogeneity. <i>Annals of the Entomological Society of America</i> , 2019, 112, 93-98.	1.3	4
1829	Resource-Based Models of Mutualism. <i>Environmental Modeling and Assessment</i> , 2019, 24, 405-420.	1.2	5
1830	Trait-based ecology of terrestrial arthropods. <i>Biological Reviews</i> , 2019, 94, 999-1022.	4.7	151
1831	Annual cover crops for managed and wild bees: Optimal plant mixtures depend on pollinator enhancement goals. <i>Agriculture, Ecosystems and Environment</i> , 2019, 273, 107-116.	2.5	44
1832	<i>Bombus terrestris</i> in a mass-flowering pollinator-dependent crop: A mutualistic relationship?. <i>Ecology and Evolution</i> , 2019, 9, 609-618.	0.8	13
1833	Effect of Sub-lethal Doses of Imidacloprid on Learning and Memory Formation of Indigenous Arabian Bee ( <i>Apis mellifera jemenitica</i> Ruttner) Adult Foragers. <i>Neotropical Entomology</i> , 2019, 48, 373-380.	0.5	23
1834	Trees for bees. <i>Agriculture, Ecosystems and Environment</i> , 2019, 270-271, 79-83.	2.5	52
1835	Novel approaches to sampling pollinators in whole landscapes: a lesson for landscape-wide biodiversity monitoring. <i>Landscape Ecology</i> , 2019, 34, 1057-1067.	1.9	26
1836	Exposure to thiamethoxam during the larval phase affects synapsin levels in the brain of the honey bee. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 523-528.	2.9	40
1837	The effect of management practices on bumblebee densities in hedgerow and grassland habitats. <i>Basic and Applied Ecology</i> , 2019, 35, 28-33.	1.2	13
1838	Harvesting effects on wild bee communities in bioenergy grasslands depend on nesting guild. <i>Ecological Applications</i> , 2019, 29, e01828.	1.8	4
1839	A meta-analysis of the agents of selection on floral traits. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 4-14.	1.1	140
1840	Evaluating the dependence of urban pollinators on ornamental, non-native, and "weedy" floral resources. <i>Urban Ecosystems</i> , 2019, 22, 293-302.	1.1	66

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1841	Emerging Themes from the ESA Symposium Entitled "Pollinator Nutrition: Lessons from Bees at Individual to Landscape Levels". <i>Bee World</i> , 2019, 96, 3-9.	0.3	11
1842	Historical collections as a tool for assessing the global pollination crisis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170389.	1.8	58
1843	Management trade-offs on ecosystem services in apple orchards across Europe: Direct and indirect effects of organic production. <i>Journal of Applied Ecology</i> , 2019, 56, 802-811.	1.9	59
1844	Coupled land use and ecological models reveal emergence and feedbacks in socio-ecological systems. <i>Ecography</i> , 2019, 42, 814-825.	2.1	21
1845	Where have all the flowers gone? Honey bee declines and exclusions from floral resources. <i>Journal of Rural Studies</i> , 2019, 65, 161-171.	2.1	47
1846	Effect of the climate change on honey bee colonies in a temperate Mediterranean zone assessed through remote hive weight monitoring system in conjunction with exhaustive colonies assessment. <i>Science of the Total Environment</i> , 2019, 653, 1111-1119.	3.9	84
1847	Predation of the invasive Asian hornet affects foraging activity and survival probability of honey bees in Western Europe. <i>Journal of Pest Science</i> , 2019, 92, 567-578.	1.9	66
1848	Distance models as a tool for modelling detection probability and density of native bumblebees. <i>Journal of Applied Entomology</i> , 2019, 143, 225-235.	0.8	8
1849	Structural landscape changes in urban and peri-urban agricultural systems of two West African cities and their relations to ecosystem services provided by woody plant communities. <i>Urban Ecosystems</i> , 2019, 22, 397-408.	1.1	8
1850	Maize-dominated landscapes reduce bumblebee colony growth through pollen diversity loss. <i>Journal of Applied Ecology</i> , 2019, 56, 294-304.	1.9	38
1851	The response of wild bees to tree cover and rural land use is mediated by species' traits. <i>Biological Conservation</i> , 2019, 231, 1-12.	1.9	52
1852	Finding the bees knees: A conceptual framework and systematic review of the mechanisms of pollinator-mediated facilitation. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 36, 33-40.	1.1	40
1853	Insect pollinator conservation policy innovations at subnational levels: Lessons for lawmakers. <i>Environmental Science and Policy</i> , 2019, 93, 118-128.	2.4	59
1854	Do more bees imply higher fees? Honey bee colony strength as a determinant of almond pollination fees. <i>Food Policy</i> , 2019, 83, 150-160.	2.8	36
1855	Reproductive trade-offs maintain bract color polymorphism in Scarlet Indian paintbrush ( <i>Castilleja</i> ). <i>Journal of Ecology</i> , 2019, 107, 111-121.	1.1	10
1856	Decades of native bee biodiversity surveys at Pinnacles National Park highlight the importance of monitoring natural areas over time. <i>PLoS ONE</i> , 2019, 14, e0207566.	1.1	33
1857	No evidence that seed predators constrain pollinator-mediated trait evolution in a tropical vine. <i>American Journal of Botany</i> , 2019, 106, 145-153.	0.8	2
1858	Agricultural landscape generators for simulation models: A review of existing solutions and an outline of future directions. <i>Ecological Modelling</i> , 2019, 393, 135-151.	1.2	27

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1859	Phoretic mites associated to <i>Bombus pauloensis</i> and <i>Bombus bellicosus</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	6
1860	Honeybees. , 2019, , 100-108.		2
1861	Long-term risk assessment on noneffective and effective toxic doses of imidacloprid to honeybee workers. Journal of Applied Entomology, 2019, 143, 118-128.	0.8	9
1862	From stream to land: Ecosystem services provided by stream insects to agriculture. Agriculture, Ecosystems and Environment, 2019, 270-271, 32-40.	2.5	38
1863	Dryland organic farming increases floral resources and bee colony success in highly simplified agricultural landscapes. Agriculture, Ecosystems and Environment, 2019, 270-271, 9-18.	2.5	15
1864	Bacterial community structure and succession in nests of two megachilid bee genera. FEMS Microbiology Ecology, 2019, 95, .	1.3	40
1865	Using Crop Diversity and Conservation Cropping to Develop More Sustainable Arable Cropping Systems. , 2019, , 93-108.		5
1866	Complex long-term dynamics of pollinator abundance in undisturbed Mediterranean montane habitats over two decades. Ecological Monographs, 2019, 89, e01338.	2.4	51
1867	Importance of national or regional specificity in the relationship between pollinator dependence and production stability. Sustainability Science, 2019, 14, 139-146.	2.5	6
1868	Agricultural area losses and pollinator mismatch due to climate changes endanger passion fruit production in the Neotropics. Agricultural Systems, 2019, 169, 49-57.	3.2	14
1869	Pollination efficiency of artificial and bee pollination practices in kiwifruit. Scientia Horticulturae, 2019, 246, 1017-1021.	1.7	36
1870	The importance of hidden diversity for insect conservation: a case study in hoverflies (the Merodon) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	8
1871	The Optimal Supply of Crop Pollination and Honey From Wild and Managed Bees: An Analytical Framework for Diverse Socio-Economic and Ecological Settings. Ecological Economics, 2019, 157, 278-290.	2.9	16
1872	Pharmacokinetics of Three Neonicotinoid Insecticides upon Contact Exposure in the Western Honey Bee, <i>Apis mellifera</i> . Chemical Research in Toxicology, 2019, 32, 35-37.	1.7	22
1873	Intensive management reduces butterfly diversity over time in urban green spaces. Urban Ecosystems, 2019, 22, 335-344.	1.1	34
1874	How do toxicants affect epidemiological dynamics?. Oikos, 2019, 128, 729-740.	1.2	2
1875	Partitioning wild bee and hoverfly contributions to plant-pollinator network structure in fragmented habitats. Ecology, 2019, 100, e02569.	1.5	31
1876	Invasive range expansion of the small carpenter bee, <i>Ceratina dentipes</i> (Hymenoptera: Apidae) into Hawaii with implications for native endangered species displacement. Biological Invasions, 2019, 21, 1155-1166.	1.2	11



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1877	Explaining the variability in the response of annual eusocial insects to mass flowering events. <i>Journal of Animal Ecology</i> , 2019, 88, 178-188.	1.3	6
1878	Potential feedback between coral presence and farmerfish collective behavior promotes coral recovery. <i>Oikos</i> , 2019, 128, 482-492.	1.2	7
1879	Amphibian diversity in farmlands: Combined influences of breeding-site and landscape attributes in western France. <i>Agriculture, Ecosystems and Environment</i> , 2019, 269, 51-61.	2.5	36
1880	Wild bee abundance in temperate agroforestry landscapes: Assessing effects of alley crop composition, landscape configuration, and agroforestry area. <i>Agroforestry Systems</i> , 2019, 93, 837-850.	0.9	8
1881	The resilience of pollination interactions: importance of temporal phases. <i>Journal of Plant Ecology</i> , 2019, 12, 157-162.	1.2	17
1882	Apple grower pollination practices and perceptions of alternative pollinators in New York and Pennsylvania. <i>Renewable Agriculture and Food Systems</i> , 2020, 35, 1-14.	0.8	32
1883	Sublethal effects of chronic exposure to CdO or PbO nanoparticles or their binary mixture on the honey bee ( <i>Apis mellifera</i> L.). <i>Environmental Science and Pollution Research</i> , 2020, 27, 19004-19015.	2.7	36
1884	Agroforestry can enhance foraging and nesting resources for pollinators with focus on solitary bees at the landscape scale. <i>Agroforestry Systems</i> , 2020, 94, 379-387.	0.9	19
1885	Butterflies provide pollination services to macadamia in northeastern Brazil. <i>Scientia Horticulturae</i> , 2020, 259, 108818.	1.7	14
1886	The perils of forcing a generalist to be a specialist: lack of dietary essential amino acids impacts honey bee pollen foraging and colony growth. <i>Journal of Apicultural Research</i> , 2020, 59, 95-103.	0.7	9
1887	Spatial associations among avian diversity, regulating and provisioning ecosystem services in Italy. <i>Ecological Indicators</i> , 2020, 108, 105742.	2.6	10
1888	Land use effect on butterfly alpha and beta diversity in the Eastern Himalaya, India. <i>Ecological Indicators</i> , 2020, 110, 105605.	2.6	36
1889	Determinants of Bee Visitation in an Economically Important Vegetable Crop Along an Agricultural Intensification Gradient. <i>Proceedings of the Zoological Society</i> , 2020, 73, 265-271.	0.4	0
1890	Why Shouldn't Veterinary Pathologists Be Interested in Honeybee Pathology?. <i>Veterinary Pathology</i> , 2020, 57, 200-201.	0.8	4
1891	Managing grazing in forage livestock systems. , 2020, , 77-100.		4
1892	Reduced species richness of native bees in field margins associated with neonicotinoid concentrations in non-target soils. <i>Agriculture, Ecosystems and Environment</i> , 2020, 287, 106693.	2.5	47
1893	Global Trends in Bumble Bee Health. <i>Annual Review of Entomology</i> , 2020, 65, 209-232.	5.7	189
1894	Insect Declines in the Anthropocene. <i>Annual Review of Entomology</i> , 2020, 65, 457-480.	5.7	703

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1895	Acute and chronic toxicity of acetamiprid, carbaryl, cypermethrin and deltamethrin to <i>Apis mellifera</i> larvae reared <i>in vitro</i> . <i>Pest Management Science</i> , 2020, 76, 978-985.	1.7	39
1896	Text analysis reveals taxonomic and geographic disparities in animal pollination literature. <i>Ecography</i> , 2020, 43, 44-59.	2.1	26
1897	Using Malaise traps to assess aculeate Hymenoptera associated with farmland linear habitats across a range of farming intensities. <i>Insect Conservation and Diversity</i> , 2020, 13, 229-238.	1.4	7
1898	Network modelling, citizen science and targeted interventions to predict, monitor and reverse bee decline. <i>Plants People Planet</i> , 2020, 2, 111-120.	1.6	11
1899	Pesticide comparison of <i>Phylloneta impressa</i> (Araneae: Theridiidae) females, cocoons and webs with prey remnants collected from a rape field before the harvest. <i>Pest Management Science</i> , 2020, 76, 1128-1133.	1.7	2
1900	Occurrence, prevalence and viral load of deformed wing virus variants in <i>Apis mellifera</i> colonies in Chile. <i>Journal of Apicultural Research</i> , 2020, 59, 63-68.	0.7	10
1901	Environmental impacts of reduced-risk and conventional pesticide programs differ in commercial apple orchards, but similarly influence pollinator community. <i>Chemosphere</i> , 2020, 240, 124926.	4.2	14
1902	When context matters: Spatial prediction models of environmental conditions can identify target areas for wild bee habitat management interventions. <i>Landscape and Urban Planning</i> , 2020, 193, 103673.	3.4	6
1903	Flumethrin at sublethal concentrations induces stresses in adult honey bees ( <i>Apis mellifera</i> L.). <i>Science of the Total Environment</i> , 2020, 700, 134500.	3.9	28
1904	Pesticide residues in beehive matrices are dependent on collection time and matrix type but independent of proportion of foraged oilseed rape and agricultural land in foraging territory. <i>Chemosphere</i> , 2020, 238, 124555.	4.2	40
1905	Which moths might be pollinators? Approaches in the search for the flower-visiting needles in the Lepidopteran haystack. <i>Ecological Entomology</i> , 2020, 45, 13-25.	1.1	16
1906	Telling times: More-than-human temporalities in beekeeping. <i>Geoforum</i> , 2020, 108, 315-324.	1.4	21
1907	Impact of enhanced <i>Osmia bicornis</i> (Hymenoptera: Megachilidae) populations on pollination and fruit quality in commercial sweet cherry ( <i>Prunus avium</i> L.) orchards. <i>Journal of Apicultural Research</i> , 2020, 59, 77-87.	0.7	14
1908	A biodiversity-friendly method to mitigate the invasive Asian hornet's impact on European honey bees. <i>Journal of Pest Science</i> , 2020, 93, 1-9.	1.9	18
1909	Response of wild bee communities to beekeeping, urbanization, and flower availability. <i>Urban Ecosystems</i> , 2020, 23, 39-54.	1.1	23
1910	A <i>Pediococcus</i> strain to rescue honeybees by decreasing <i>Nosema ceranae</i> - and pesticide-induced adverse effects. <i>Pesticide Biochemistry and Physiology</i> , 2020, 163, 138-146.	1.6	23
1911	Historical changes in bumble bee body size and range shift of declining species. <i>Biodiversity and Conservation</i> , 2020, 29, 451-467.	1.2	39
1912	Arid grassland bee communities: associated environmental variables and responses to restoration. <i>Restoration Ecology</i> , 2020, 28, A54.	1.4	10

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1913	Chronic exposure to a neonicotinoid pesticide and a synthetic pyrethroid in full-sized honey bee colonies. <i>Journal of Apicultural Research</i> , 2020, 59, 2-11.	0.7	10
1914	Pollinator diversity and density measures: survey and indexing standard to model, detect, and assess pollinator deficits. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 363-371.	1.9	1
1915	Translocation of pharmaceuticals from wastewater into beehives. <i>Environment International</i> , 2020, 134, 105248.	4.8	10
1916	Using hierarchical joint models to study reproductive interactions in plant communities. <i>Journal of Ecology</i> , 2020, 108, 485-495.	1.9	6
1917	Including rewiring in the estimation of the robustness of mutualistic networks. <i>Methods in Ecology and Evolution</i> , 2020, 11, 106-116.	2.2	47
1918	Ignoring biotic interactions overestimates climate change effects: The potential response of the spotted nutcracker to changes in climate and resource plants. <i>Journal of Biogeography</i> , 2020, 47, 143-154.	1.4	28
1919	Canopy thinning, not agricultural history, determines early responses of wild bees to longleaf pine savanna restoration. <i>Restoration Ecology</i> , 2020, 28, 138-146.	1.4	18
1920	Climate change and invasion may synergistically affect native plant reproduction. <i>Ecology</i> , 2020, 101, e02913.	1.5	44
1921	Low-intensity management benefits solitary bees in olive groves. <i>Journal of Applied Ecology</i> , 2020, 57, 111-120.	1.9	24
1922	Including indigenous and local knowledge in climate research: an assessment of the opinion of Spanish climate change researchers. <i>Climatic Change</i> , 2020, 160, 67-88.	1.7	27
1923	Effects of grazing intensity, habitat area and connectivity on snail-shell nesting bees. <i>Biological Conservation</i> , 2020, 242, 108406.	1.9	11
1924	Effects of Wetland Presence and Upland Land Use on Wild Hymenopteran and Dipteran Pollinators in the Rainwater Basin of Nebraska, USA. <i>Wetlands</i> , 2020, 40, 1017-1031.	0.7	4
1925	A method for mining combined data from in-hive sensors, weather and apiary inspections to forecast the health status of honey bee colonies. <i>Computers and Electronics in Agriculture</i> , 2020, 169, 105161.	3.7	50
1926	Seasonal variation of flavonoid content in bee bread: Potential impact on hypopharyngeal gland development in <i>Apis mellifera</i> honey bees. <i>Journal of Apicultural Research</i> , 2020, 59, 170-177.	0.7	6
1927	Influence of land use on chlorpyrifos and persistent organic pollutant levels in honey bees, bee bread and honey: Beehive exposure assessment. <i>Science of the Total Environment</i> , 2020, 713, 136554.	3.9	45
1928	Modelling the climate suitability of green carpenter bee ( <i>Xylocopa aerata</i> ) and its nesting hosts under current and future scenarios to guide conservation efforts. <i>Austral Ecology</i> , 2020, 45, 271-282.	0.7	6
1929	Influence of Nesting Characteristics on Health of Wild Bee Communities. <i>Annual Review of Entomology</i> , 2020, 65, 39-56.	5.7	87
1930	Rangeland sharing by cattle and bees: moderate grazing does not impair bee communities and resource availability. <i>Ecological Applications</i> , 2020, 30, e02066.	1.8	15

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1931	Toxicity of insecticides on Neotropical stingless bees <i>Plebeia emerina</i> (Friese) and <i>Tetragonisca fiebrigi</i> (Schwarz) (Hymenoptera: Apidae: Meliponini). <i>Ecotoxicology</i> , 2020, 29, 119-128.	1.1	19
1932	Effect of fullerene nanoparticles on oxidative stress induced by paraquat in honey bees. <i>Environmental Science and Pollution Research</i> , 2020, 27, 6603-6612.	2.7	10
1933	Foraging of honey bees in agricultural landscapes with changing patterns of flower resources. <i>Agriculture, Ecosystems and Environment</i> , 2020, 291, 106792.	2.5	40
1934	Seed mixture strongly affects species-richness and quality of perennial flower strips on fertile soil. <i>Basic and Applied Ecology</i> , 2020, 42, 62-72.	1.2	30
1935	Flumethrin at honey-relevant levels induces physiological stresses to honey bee larvae ( <i>Apis mellifera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2.9	2.9	25
1936	Science communication is needed to inform risk perception and action of stakeholders. <i>Journal of Environmental Management</i> , 2020, 257, 109983.	3.8	13
1937	Phenological shifts alter the seasonal structure of pollinator assemblages in Europe. <i>Nature Ecology and Evolution</i> , 2020, 4, 115-121.	3.4	55
1938	Conservation of solitary bees in power-line clearings: Sustained increase in habitat quality through woody debris removal. <i>Global Ecology and Conservation</i> , 2020, 21, e00823.	1.0	13
1939	High-severity wildfire limits available floral pollen quality and bumble bee nutrition compared to mixed-severity burns. <i>Oecologia</i> , 2020, 192, 489-499.	0.9	11
1940	Life history trade-offs are more pronounced for a noninvasive, native butterfly compared to its invasive, exotic congener. <i>Population Ecology</i> , 2020, 62, 119-133.	0.7	1
1941	Labels of insecticides to which Oregon honey bee ( <i>Apis mellifera</i> L.) hives could be exposed do not align with federal recommendations in their communication of acute and residual toxicity to honey bees. <i>Pest Management Science</i> , 2020, 76, 1664-1672.	1.7	4
1942	Light pollution is a driver of insect declines. <i>Biological Conservation</i> , 2020, 241, 108259.	1.9	231
1943	Beyond flowers: including non-floral resources in bee conservation schemes. <i>Journal of Insect Conservation</i> , 2020, 24, 5-16.	0.8	73
1944	Substituting ecological intensification of agriculture for conventional agricultural practices increased yield and decreased nitrogen losses in North China. <i>Applied Soil Ecology</i> , 2020, 147, 103395.	2.1	28
1945	Fine scale population structure of hoverfly pollinator, <i>Eristalis arbustorum</i> : an integrative study. <i>Journal of Insect Conservation</i> , 2020, 24, 49-63.	0.8	3
1946	Seasonal variation in exploitative competition between honeybees and bumblebees. <i>Oecologia</i> , 2020, 192, 351-361.	0.9	28
1947	Honeybee survival and flight capacity are compromised by insecticides used for controlling melon pests in Brazil. <i>Ecotoxicology</i> , 2020, 29, 97-107.	1.1	24
1948	Automated monitoring of bee behaviour using connected hives: Towards a computational apidology. <i>Apidologie</i> , 2020, 51, 356-368.	0.9	27

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1949	Limitation of complementary resources affects colony growth, foraging behavior, and reproduction in bumble bees. <i>Ecology</i> , 2020, 101, e02946.	1.5	25
1950	Relevance of the ecological traits of parasitoid wasps and nectariferous plants for conservation biological control: a hybrid meta-analysis. <i>Pest Management Science</i> , 2020, 76, 1881-1892.	1.7	9
1951	Grassland management for meadow birds in the Netherlands is unfavourable to pollinators. <i>Basic and Applied Ecology</i> , 2020, 43, 52-63.	1.2	7
1952	Global transcriptome analysis reveals relevant effects at environmental concentrations of cypermethrin in honey bees ( <i>Apis mellifera</i> ). <i>Environmental Pollution</i> , 2020, 259, 113715.	3.7	15
1953	Climate change enforces to look beyond the plant – the example of pollinators. <i>Current Opinion in Plant Biology</i> , 2020, 56, 162-167.	3.5	5
1954	Simulated pollinator declines intensify selection on floral traits that facilitate selfing and outcrossing in <i>Impatiens capensis</i> . <i>American Journal of Botany</i> , 2020, 107, 148-154.	0.8	18
1955	Predicted thresholds for natural vegetation cover to safeguard pollinator services in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2020, 290, 106785.	2.5	6
1956	Standardization of in vitro nervous tissue culture for honeybee: A high specificity toxicological approach. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 110040.	2.9	5
1957	Influence of the Conservation Reserve Program (CRP) and playa wetlands on pollinator communities in the Southern High Plains, USA. <i>Journal of Environmental Management</i> , 2020, 256, 109910.	3.8	12
1958	How urbanization is driving pollinator diversity and pollination – A systematic review. <i>Biological Conservation</i> , 2020, 241, 108321.	1.9	195
1959	Do the Quality and Quantity of Honey Bee-Collected Pollen Vary Across an Agricultural Land-Use Gradient?. <i>Environmental Entomology</i> , 2020, 49, 189-196.	0.7	13
1960	Contribution of European forests to safeguard wild honeybee populations. <i>Conservation Letters</i> , 2020, 13, e12693.	2.8	18
1961	Impacts of dietary supplementation with p-coumaric acid and indole-3-acetic acid on survival and biochemical response of honey bees treated with tau-fluvalinate. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109917.	2.9	14
1962	Neglected and Underutilized Fruit Species in Sri Lanka: Prioritisation and Understanding the Potential Distribution under Climate Change. <i>Agronomy</i> , 2020, 10, 34.	1.3	25
1963	Population genomics of <i>Bombus terrestris</i> reveals high but unstructured genetic diversity in a potential glacial refugium. <i>Biological Journal of the Linnean Society</i> , 2020, 129, 259-272.	0.7	10
1964	Long-term effects of global change on occupancy and flight period of wild bees in Belgium. <i>Global Change Biology</i> , 2020, 26, 6753-6766.	4.2	36
1965	Histopathological Findings in Testes from Apparently Healthy Drones of <i>Apis mellifera ligustica</i> . <i>Veterinary Sciences</i> , 2020, 7, 124.	0.6	5
1966	An Economic Valuation and Mapping of Pollination Services in Ethiopia. , 2020, , .		0

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1967	Gas chromatography – Mass spectrometry as a preferred method for quantification of insect hemolymph sugars. <i>Journal of Insect Physiology</i> , 2020, 127, 104115.	0.9	13
1968	An overview of the Syrphidae (Diptera) of Saudi Arabia. <i>Zootaxa</i> , 2020, 4855, zootaxa.4855.1.1.	0.2	5
1969	Suitability of resampled multispectral datasets for mapping flowering plants in the Kenyan savannah. <i>PLoS ONE</i> , 2020, 15, e0232313.	1.1	0
1970	Pollen specialists are more endangered than non-specialised bees even though they collect pollen on flowers of non-endangered plants. <i>Arthropod-Plant Interactions</i> , 2020, 14, 759-769.	0.5	18
1971	Using ITS2 metabarcoding and microscopy to analyse shifts in pollen diets of honey bees and bumble bees along a mass-flowering crop gradient. <i>Molecular Ecology</i> , 2020, 29, 5003-5018.	2.0	24
1972	Mixed-Species Gardens Increase Monarch Oviposition without Increasing Top-Down Predation. <i>Insects</i> , 2020, 11, 648.	1.0	8
1973	Virion structures and genome delivery of honeybee viruses. <i>Current Opinion in Virology</i> , 2020, 45, 17-24.	2.6	13
1974	Bark beetle outbreak enhances biodiversity and foraging habitat of native bees in alpine landscapes of the southern Rocky Mountains. <i>Scientific Reports</i> , 2020, 10, 16400.	1.6	15
1975	Experimental evidence of harmful effects of <i>Crithidia mellificae</i> and <i>Lotmaria passim</i> on honey bees. <i>International Journal for Parasitology</i> , 2020, 50, 1117-1124.	1.3	39
1976	Changes in the Summer Wild Bee Community Following a Bark Beetle Outbreak in a Douglas-fir Forest. <i>Environmental Entomology</i> , 2020, 49, 1437-1448.	0.7	12
1977	Invasive bees and their impact on agriculture. <i>Advances in Ecological Research</i> , 2020, 63, 49-92.	1.4	42
1978	Pollination Services to <i>Impatiens capensis</i> (Balsaminaceae) Are Maintained across an Urbanization Gradient. <i>International Journal of Plant Sciences</i> , 2020, 181, 937-944.	0.6	5
1979	Effects of residual doses of neonicotinoid (imidacloprid) on metabolic rate of queen honey bees <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Apidologie</i> , 2020, 51, 1091-1099.	0.9	11
1980	Transcriptomic and metabolomic landscape of the molecular effects of glyphosate commercial formulation on <i>Apis mellifera ligustica</i> and <i>Apis cerana cerana</i> . <i>Science of the Total Environment</i> , 2020, 744, 140819.	3.9	39
1981	Distribution modeling of <i>Apis florea</i> Fabricius (Hymenoptera, Apidae) in different climates of Iran. <i>Journal of Apicultural Research</i> , 2022, 61, 469-480.	0.7	9
1982	Providing urban birds nutritious food to feed chicks reduces urban versus rural breeding success disparities. <i>Journal of Animal Ecology</i> , 2020, 89, 1546-1548.	1.3	2
1983	Pollination structures plant and nectar-feeding bird communities in Cape fynbos, South Africa: Implications for the conservation of plant-bird mutualisms. <i>Ecological Research</i> , 2020, 35, 838-856.	0.7	12
1985	Exploring global food system shocks, scenarios and outcomes. <i>Futures</i> , 2020, 123, 102601.	1.4	42

#	ARTICLE	IF	CITATIONS
1986	A "European bee" for cities: Pollinator diversity and plant-pollinator interactions in urban green spaces. PLoS ONE, 2020, 15, e0235492.	1.1	45
1987	Dispersal patterns of an introduced wild bee, <i>Megachile sculpturalis</i> Smith, 1853 (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 21	1.1	21
1988	Significance of Apoidea as Main Pollinators. Ecological and Economic Impact and Implications for Human Nutrition. Diversity, 2020, 12, 280.	0.7	37
1989	Managed honey bees as a radar for wild bee decline?. Apidologie, 2020, 51, 1100-1116.	0.9	58
1990	Phenology of a bee (Hymenoptera: Apoidea) community over a 10 year period in south-eastern Australia. Austral Entomology, 2020, 59, 602-611.	0.8	14
1991	Longitudinal analysis on parasite diversity in honeybee colonies: new taxa, high frequency of mixed infections and seasonal patterns of variation. Scientific Reports, 2020, 10, 10454.	1.6	18
1992	An Economic Approach to Assess the Annual Stock in Beekeeping Farms: The Honey Bee Colony Inventory Tool. Sustainability, 2020, 12, 9258.	1.6	9
1993	On the Importance of the Sound Emitted by Honey Bee Hives. Veterinary Sciences, 2020, 7, 168.	0.6	46
1994	Lethal and Sublethal Effects of Pyriproxyfen on Apis and Non-Apis Bees. Toxics, 2020, 8, 104.	1.6	9
1995	Examining the public's awareness of bee (Hymenoptera: Apoidea: Anthophila) conservation in Canada. Conservation Science and Practice, 2020, 2, e293.	0.9	10
1996	Effects of abamectin and acetamiprid pesticides on the survival and behavior of <i>Scaptotrigona</i> aff. <i>xanthotricha</i> (Apidae, Meliponini). Journal of Apicultural Research, 2020, , 1-8.	0.7	4
1997	Perceptions of keepers of stingless bees ( <i>Tetragonula</i> , <i>Austroplebeia</i> ) regarding Aboriginal beliefs and practices in Australia. Journal of Apicultural Research, 2021, 60, 665-677.	0.7	4
1998	Advances and perspectives in selecting resistance traits against the parasitic mite <i>Varroa destructor</i> in honey bees. Genetics Selection Evolution, 2020, 52, 71.	1.2	36
1999	Physiological Analysis and Transcriptome Analysis of Asian Honey Bee ( <i>Apis cerana cerana</i> ) in Response to Sublethal Neonicotinoid Imidacloprid. Insects, 2020, 11, 753.	1.0	26
2000	Arthropod spatial cognition. Animal Cognition, 2020, 23, 1041-1049.	0.9	8
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2002	Ecosystem services at risk: integrating spatiotemporal dynamics of supply and demand to promote long-term provision. One Earth, 2020, 3, 704-713.	3.6	51
2003	Wooded Semi-Natural Habitats Complement Permanent Grasslands in Supporting Wild Bee Diversity in Agricultural Landscapes. Insects, 2020, 11, 812.	1.0	17

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2005	Reproduction of ectoparasitic mites in a coevolved system: <i>Varroa</i> spp. Eastern honey bees, <i>Apis cerana</i> . Ecology and Evolution, 2020, 10, 14359-14371.	0.8	10
2006	The Process and Outcome of the Africanization of Honey Bees in Mexico: Lessons and Future Directions. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	19
2007	Effect of pesticide use on weeds, pollinators and microbial activity in Nzoia Sugar Basin of Western Kenya. International Journal of Biodiversity and Conservation, 2020, 12, 283-290.	0.4	0
2008	Facial area and hairiness of pollinators visiting semi-natural grassland wild plants predict their facial pollen load. Ecological Entomology, 2020, 45, 1296-1306.	1.1	9
2009	Land use and pollinator dependency drives global patterns of pollen limitation in the Anthropocene. Nature Communications, 2020, 11, 3999.	5.8	84
2010	Secondary Metabolites Produced by Honey Bee-Associated Bacteria for Apiary Health: Potential Activity of Platynecine. Current Microbiology, 2020, 77, 3441-3449.	1.0	5
2011	Crystal structure of the N-terminal domain of ryanodine receptor from the honeybee, <i>Apis mellifera</i> . Insect Biochemistry and Molecular Biology, 2020, 125, 103454.	1.2	4
2012	Effect of age on insecticide susceptibility and enzymatic activities of three detoxification enzymes and one invertase in honey bee workers ( <i>Apis mellifera</i> ). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 238, 108844.	1.3	20
2013	Pollinator biodiversity and crop pollination in temperate ecosystems, implications for national pollinator conservation strategies: Mini review. Science of the Total Environment, 2020, 744, 140880.	3.9	28
2014	Disentangling the effects of local resources, landscape heterogeneity and climatic seasonality on bee diversity and plant-pollinator networks in tropical highlands. Oecologia, 2020, 194, 333-344.	0.9	27
2015	Pesticide and veterinary drug residues in Belgian beeswax: Occurrence, toxicity, and risk to honey bees. Science of the Total Environment, 2020, 745, 141036.	3.9	45
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2018	Seeding is not always necessary to restore native early successional plant communities. Restoration Ecology, 2020, 28, 1485-1494.	1.4	7
2019	The population density of arthropods in the rice field ecosystem with insecticide application. IOP Conference Series: Earth and Environmental Science, 2020, 486, 012163.	0.2	1
2020	Crop production in the USA is frequently limited by a lack of pollinators. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200922.	1.2	165
2021	Text mining the food security literature reveals substantial spatial bias and thematic broadening over time. Global Food Security, 2020, 26, 100392.	4.0	14



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2023	Linking pollinators and city flora: How vegetation composition and environmental features shapes pollinators composition in urban environment. <i>Urban Forestry and Urban Greening</i> , 2020, 56, 126795.	2.3	19
2024	Biocultural Diversity Loss: the Decline of Native Stingless Bees (Apidae: Meliponini) and Local Ecological Knowledge in Michoacán, Western México. <i>Human Ecology</i> , 2020, 48, 411-422.	0.7	18
2025	Differential Feeding Responses of Several Bee Species to Sugar Sources Containing Iridomyrmecin, an Argentine Ant Trail Pheromone Component. <i>Journal of Insect Behavior</i> , 2020, 33, 83-90.	0.4	1
2026	An agro-environmental mowing regime favors the number of inflorescences and flower-visiting insects but not ground beetles of herbaceous boundaries of arable fields. <i>Basic and Applied Ecology</i> , 2020, 48, 1-10.	1.2	9
2027	Exposure to acetamiprid influences the development and survival ability of worker bees ( <i>Apis mellifera</i> ). <i>Journal of Insect Conservation</i> , 2020, 24, 1045-1059.	0.8	4
2028	Predator Effects on Plant-Pollinator Interactions, Plant Reproduction, Mating Systems, and Evolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 319-340.	3.8	16
2029	The effect of temperature on candidate gene expression in the brain of honey bee <i>Apis mellifera</i> (Hymenoptera: Apidae) workers exposed to neonicotinoid imidacloprid. <i>Journal of Thermal Biology</i> , 2020, 93, 102696.	1.1	6
2030	Biodiversity and community composition of native bee populations vary among human-dominated land uses within the seasonally dry tropics. <i>Journal of Insect Conservation</i> , 2020, 24, 1045-1059.	0.8	4
2031	Investigation of pesticides on honey bee carbonic anhydrase inhibition. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1923-1927.	2.5	9
2032	Effects of Chinese Privet on Bees and Their Vertical Distribution in Riparian Forests. <i>Forest Science</i> , 2020, 66, 416-423.	0.5	10
2033	Bumble Bees (Hymenoptera: Apidae) Respond to Moth (Lepidoptera: Noctuidae) Pheromone Components, Leading to Bee Bycatch in Monitoring Traps Targeting Moth Pests. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	10
2034	Validating Morphometrics with DNA Barcoding to Reliably Separate Three Cryptic Species of <i>Bombus</i> Cresson (Hymenoptera: Apidae). <i>Insects</i> , 2020, 11, 669.	1.0	7
2035	How does pasture size alter plant-herbivore interactions among grazing cattle?. <i>Grass and Forage Science</i> , 2020, 75, 438-446.	1.2	2
2036	Native and agricultural grassland use by stable and declining bumble bees in Midwestern North America. <i>Insect Conservation and Diversity</i> , 2020, 13, 585-594.	1.4	6
2037	Effects of the Neonicotinoid Acetamiprid in Pollen on <i>Bombus impatiens</i> Microcolony Development. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2560-2569.	2.2	12
2038	Hydrogel baits pose minimal risk to non-target insects and beneficial species. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 948-955.	0.7	7
2039	Pollen tube growth from multiple pollinator visits more accurately quantifies pollinator performance and plant reproduction. <i>Scientific Reports</i> , 2020, 10, 16958.	1.6	16

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2041	Zygomorphic flowers have fewer potential pollinator species. <i>Biology Letters</i> , 2020, 16, 20200307.	1.0	18
2042	Agroforestry Benefits and Challenges for Adoption in Europe and Beyond. <i>Sustainability</i> , 2020, 12, 7001.	1.6	56
2043	A One-Health Model for Reversing Honeybee ( <i>Apis mellifera</i> L.) Decline. <i>Veterinary Sciences</i> , 2020, 7, 119.	0.6	16
2044	Characterizing the nectar microbiome of the non-native tropical milkweed, <i>Asclepias curassavica</i> , in an urban environment. <i>PLoS ONE</i> , 2020, 15, e0237561.	1.1	6
2045	Introduced cats eating a continental fauna: invertebrate consumption by feral cats ( <i>Felis catus</i> ) in Australia. <i>Wildlife Research</i> , 2020, 47, 610.	0.7	16
2046	Thug life: bramble ( <i>Rubus fruticosus</i> L. agg.) is a valuable foraging resource for honeybees and diverse flower-visiting insects. <i>Insect Conservation and Diversity</i> , 2020, 13, 543-557.	1.4	14
2047	Addressing global challenges with unconventional insect ecosystem services: Why should humanity care about insect larvae?. <i>People and Nature</i> , 2020, 2, 582-595.	1.7	9
2048	Beyond the Decline of Wild Bees: Optimizing Conservation Measures and Bringing Together the Actors. <i>Insects</i> , 2020, 11, 649.	1.0	37
2049	In Vitro Antagonistic Effect of Gut Bacteriota Isolated from Indigenous Honey Bees and Essential Oils against <i>Paenibacillus</i> Larvae. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6736.	1.8	21
2050	Larval pesticide exposure impacts monarch butterfly performance. <i>Scientific Reports</i> , 2020, 10, 14490.	1.6	22
2051	A National Survey of Managed Honey Bee Colony Winter Losses ( <i>Apis mellifera</i> ) in China (2013–2017). <i>Diversity</i> , 2020, 12, 318.	0.7	14
2052	Coupling spatial pollination supply models with local demand mapping to support collaborative management of ecosystem services. <i>Ecosystems and People</i> , 2020, 16, 212-229.	1.3	8
2053	Local and Landscape-Scale Features Influence Bumble Bee (Hymenoptera: Apidae) Bycatch in Bertha Armyworm <i>Mamestra configurata</i> (Lepidoptera: Noctuidae) Pheromone-Baited Monitoring Traps. <i>Environmental Entomology</i> , 2020, 49, 1127-1136.	0.7	6
2054	Agricultural landscape composition affects the development and life expectancy of colonies of <i>Bombus impatiens</i> . <i>Ecosphere</i> , 2020, 11, e03142.	1.0	4
2055	Interactions of local habitat type, landscape composition and flower availability moderate wild bee communities. <i>Landscape Ecology</i> , 2020, 35, 2209-2224.	1.9	24
2056	Surveys of the bee (Hymenoptera: Apiformes) community in a Neotropical savanna using pan traps. <i>Papeis Avulsos De Zoologia</i> , 0, 60, e20206031.	0.4	3
2057	Effects on Some Therapeutical, Biochemical, and Immunological Parameters of Honey Bee ( <i>Apis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.0 31	1.0	31

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2059	Detailed Review on Pesticidal Toxicity to Honey Bees and Its Management. , 0, , .		6
2060	Do surveys of adult dragonflies and damselflies yield repeatable data? Variation in monthly counts of abundance and species richness. <i>Journal of Insect Conservation</i> , 2020, 24, 877-889.	0.8	6
2061	Digging into the Genomic Past of Swiss Honey Bees by Whole-Genome Sequencing Museum Specimens. <i>Genome Biology and Evolution</i> , 2020, 12, 2535-2551.	1.1	26
2062	Pollination in the Anthropocene: a Moth Can Learn Ozone-Altered Floral Blends. <i>Journal of Chemical Ecology</i> , 2020, 46, 987-996.	0.9	25
2063	Integrative Biological Control. <i>Progress in Biological Control</i> , 2020, , .	0.5	6
2064	Population genetic variation characterization of the boreal tree <i>Acer ginnala</i> in Northern China. <i>Scientific Reports</i> , 2020, 10, 13515.	1.6	1
2065	Climate-induced distribution dynamics of <i>Plebeia flavocincta</i> , a stingless bee from Brazilian tropical dry forests. <i>Ecology and Evolution</i> , 2020, 10, 10130-10138.	0.8	4
2066	A Conceptual Framework to Design Green Infrastructure: Ecosystem Services as an Opportunity for Creating Shared Value in Ground Photovoltaic Systems. <i>Land</i> , 2020, 9, 238.	1.2	18
2067	Gene reuse facilitates rapid radiation and independent adaptation to diverse habitats in the Asian honeybee. <i>Science Advances</i> , 2020, 6, .	4.7	42
2068	Estimating possible bumblebee range shifts in response to climate and land cover changes. <i>Scientific Reports</i> , 2020, 10, 19622.	1.6	9
2069	Deformed wing virus: using reverse genetics to tackle unanswered questions about the most important viral pathogen of honey bees. <i>FEMS Microbiology Reviews</i> , 2020, 45, .	3.9	9
2070	Hummingbird-Plant Network in a Lowland Dry Forest in Yucatan, Mexico. <i>Tropical Conservation Science</i> , 2020, 13, 194008292097383.	0.6	1
2071	Local and Landscape Compositions Influence Stingless Bee Communities and Pollination Networks in Tropical Mixed Fruit Orchards, Thailand. <i>Diversity</i> , 2020, 12, 482.	0.7	10
2072	The Forest Line Mapper: A Semi-Automated Tool for Mapping Linear Disturbances in Forests. <i>Remote Sensing</i> , 2020, 12, 4176.	1.8	3
2073	Commercial Pollination of Apple Orchards: Val di Non Case Study. , 0, , .		1
2074	Exposure to a biopesticide interferes with sucrose responsiveness and learning in honey bees. <i>Scientific Reports</i> , 2020, 10, 19929.	1.6	13
2075	Ameliorative Effects of Phytochemical Ingestion on Viral Infection in Honey Bees. <i>Insects</i> , 2020, 11, 698.	1.0	11

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2076	Soil Nitrogen in Response to Interseeded Cover Crops in Maize–Soybean Production Systems. <i>Agronomy</i> , 2020, 10, 1439.	1.3	9
2077	Towards a U.S. national program for monitoring native bees. <i>Biological Conservation</i> , 2020, 252, 108821.	1.9	54
2078	Climate Change, Agriculture, and Energy Transition: What Do the Thirty Most-Cited Articles Tell Us?. <i>Sustainability</i> , 2020, 12, 8015.	1.6	3
2079	How Does Improve Farmers' Attitudes toward Ecosystem Services to Support Sustainable Development of Agriculture? Based on Environmental Kuznets Curve Theory. <i>Sustainability</i> , 2020, 12, 8655.	1.6	3
2080	Detecting landscape scale consequences of insecticide use on invertebrate communities. <i>Advances in Ecological Research</i> , 2020, 63, 93-126.	1.4	4
2081	Sugar content of diet does not buffer against chronic oral imidacloprid exposure in the alfalfa leafcutting bee (Hymenoptera: Megachilidae). <i>Journal of Economic Entomology</i> , 2020, 113, 2705-2712.	0.8	4
2082	Hummingbird–Plant Interactions Are More Specialized in Forest Compared to Coffee Plantations. <i>Diversity</i> , 2020, 12, 126.	0.7	13
2083	Cold storage of diapausing larvae and post-storage performance of adults in the blowfly <i>Lucilia sericata</i> (Diptera: Calliphoridae). <i>Applied Entomology and Zoology</i> , 2020, 55, 321-327.	0.6	4
2084	Urbanization Affects Composition but Not Richness of Flower Visitors in the Yungas of Argentina. <i>Neotropical Entomology</i> , 2020, 49, 568-577.	0.5	9
2085	Global priorities of environmental issues to combat food insecurity and biodiversity loss. <i>Science of the Total Environment</i> , 2020, 730, 139096.	3.9	39
2086	Chronic bee paralysis as a serious emerging threat to honey bees. <i>Nature Communications</i> , 2020, 11, 2164.	5.8	23
2087	Cuticular pheromones stimulate hygienic behavior in the honey bee ( <i>Apis mellifera</i> ). <i>Scientific Reports</i> , 2020, 10, 7132.	1.6	20
2088	Infestation by pollination-disrupting alien ants varies temporally and spatially and is worsened by alien plant invasion. <i>Biological Invasions</i> , 2020, 22, 2573-2585.	1.2	8
2089	Companion planting to attract pollinators increases the yield and quality of strawberry fruit in gardens and allotments. <i>Ecological Entomology</i> , 2020, 45, 1025-1034.	1.1	16
2090	Green roof and ground-level invertebrate communities are similar and are driven by building height and landscape context. <i>Journal of Urban Ecology</i> , 2020, 6, .	0.6	14
2091	Differences in pre-imaginal development of the honey bee <i>Apis mellifera</i> between in vitro and in-hive contexts. <i>Apidologie</i> , 2020, 51, 861-875.	0.9	6
2092	Pollination ecosystem services: A comprehensive review of economic values, research funding and policy actions. <i>Food Security</i> , 2020, 12, 1425-1442.	2.4	114
2093	Measuring ontogenetic shifts in central-place foragers: A case study with honeybees. <i>Journal of Animal Ecology</i> , 2020, 89, 1860-1871.	1.3	9

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2095	Oneâ€size does not fit all: atâ€risk bumble bee habitat management requires speciesâ€specific local and landscape considerations. <i>Insect Conservation and Diversity</i> , 2020, 13, 558-570.	1.4	14
2096	Using Manual and Computer-Based Text-Mining to Uncover Research Trends for <i>Apis mellifera</i> . <i>Veterinary Sciences</i> , 2020, 7, 61.	0.6	3
2097	The invasive hornet <i>Vespa velutina</i> affects pollination of a wild plant through changes in abundance and behaviour of floral visitors. <i>Biological Invasions</i> , 2020, 22, 2609-2618.	1.2	31
2098	The relative importance of green infrastructure as refuge habitat for pollinators increases with local landâ€use intensity. <i>Journal of Applied Ecology</i> , 2020, 57, 1494-1503.	1.9	15
2099	The Effect of Pesticides on the Microbiome of Animals. <i>Agriculture (Switzerland)</i> , 2020, 10, 79.	1.4	33
2100	The Effectiveness of <i>Varroa destructor</i> Infestation Classification Using an E-Nose Depending on the Time of Day. <i>Sensors</i> , 2020, 20, 2532.	2.1	14
2101	Bees and the Environmental Impact of the Rupture of the FundÃ£o Dam. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 631-635.	1.6	2
2102	Effects of community composition on plantâ€pollinator interaction networks across a spatial gradient of oak-savanna habitats. <i>Oecologia</i> , 2020, 193, 211-223.	0.9	10
2103	Orchid conservation: from theory to practice. <i>Annals of Botany</i> , 2020, 126, 345-362.	1.4	63
2104	Urban heavy metal contamination limits bumblebee colony growth. <i>Journal of Applied Ecology</i> , 2020, 57, 1561-1569.	1.9	23
2105	Plant-pollinator interactions on green roofs are mediated by substrate characteristics and plant community composition. <i>Acta Oecologica</i> , 2020, 105, 103559.	0.5	9
2106	Connectivity modelling with automatic determination of landscape resistance values. A new approach tested on butterflies and burnet moths. <i>Ecological Indicators</i> , 2020, 116, 106480.	2.6	3
2107	Model approaches to estimate spatial distribution of bee species richness and soybean production in the Brazilian Cerrado during 2000 to 2015. <i>Science of the Total Environment</i> , 2020, 737, 139674.	3.9	5
2108	Putative determinants of virulence in <i>Melissococcus plutonius</i> , the bacterial agent causing European foulbrood in honey bees. <i>Virulence</i> , 2020, 11, 554-567.	1.8	36
2109	Localâ€scale tree and shrub diversity improves pollination services to shea trees in tropical West African parklands. <i>Journal of Applied Ecology</i> , 2020, 57, 1504-1513.	1.9	14
2110	Pesticideâ€Virus Interactions in Honey Bees: Challenges and Opportunities for Understanding Drivers of Bee Declines. <i>Viruses</i> , 2020, 12, 566.	1.5	34
2111	Comparative analysis of viruses in four bee species collected from agricultural, urban, and natural landscapes. <i>PLoS ONE</i> , 2020, 15, e0234431.	1.1	11

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2112	Open forest ecosystems: An excluded state. <i>Forest Ecology and Management</i> , 2020, 472, 118256.	1.4	45
2113	The potential for wildflower interventions to enhance natural enemies and pollinators in commercial apple orchards is limited by other management practices. <i>Agriculture, Ecosystems and Environment</i> , 2020, 301, 107034.	2.5	25
2114	Comparing Prophylactic Versus Threshold-Based Insecticide Programs for Striped Cucumber Beetle (Coleoptera: Chrysomelidae) Management in Watermelon. <i>Journal of Economic Entomology</i> , 2020, 113, 872-881.	0.8	15
2115	Temperate agroforestry systems provide greater pollination service than monoculture. <i>Agriculture, Ecosystems and Environment</i> , 2020, 301, 107031.	2.5	40
2116	A cluster-classification method for accurate mining of seasonal honey bee patterns. <i>Ecological Informatics</i> , 2020, 59, 101107.	2.3	9
2117	Mating strategies dictate the importance of insect visits to native plants in urban fragments. <i>Australian Journal of Botany</i> , 2020, 68, 26.	0.3	3
2118	Pollinator Activity and the Fecundity of a Rare and Highly Threatened Honeybush Species along a Highway in the Cape Floristic Region. <i>International Journal of Plant Sciences</i> , 2020, 181, 581-593.	0.6	5
2119	Relationship Between Body Mass and Forewing Length in Neotropical Ichneumonidae (Insecta:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.5	3
2120	Forest proximity rather than local forest cover affects bee diversity and coffee pollination services. <i>Landscape Ecology</i> , 2020, 35, 1841-1855.	1.9	27
2121	Mustard plants distant from forest fragments receive a lower diversity of flower-visiting insects. <i>Basic and Applied Ecology</i> , 2020, 47, 35-43.	1.2	6
2122	Flower traits associated with the visitation patterns of bees. <i>Oecologia</i> , 2020, 193, 511-522.	0.9	23
2123	Intertwined effects of defaunation, increased tree mortality and density compensation on seed dispersal. <i>Ecography</i> , 2020, 43, 1352-1363.	2.1	16
2124	Honey Bee Queen Production: Canadian Costing Case Study and Profitability Analysis. <i>Journal of Economic Entomology</i> , 2020, 113, 1618-1627.	0.8	14
2125	Prevention and Control of American Foulbrood in South America with Essential Oils: Review. , 0, , .		0
2126	Decline of native bees (Apidae: Euglossa) in a tropical forest of Panama. <i>Apidologie</i> , 2020, 51, 1038-1050.	0.9	11
2127	Wind and obstacle motion affect honeybee flight strategies in cluttered environments. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	16
2128	Pesticide Contamination of Milkweeds Across the Agricultural, Urban, and Open Spaces of Low-Elevation Northern California. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	28
2129	Using a toxicoproteomic approach to investigate the effects of thiamethoxam into the brain of <i>Apis mellifera</i> . <i>Chemosphere</i> , 2020, 258, 127362.	4.2	7

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2130	Susceptibility of Red Mason Bee Larvae to Bacterial Threats Due to Microbiome Exchange with Imported Pollen Provisions. <i>Insects</i> , 2020, 11, 373.	1.0	23
2131	Characterizing honey bee exposure and effects from pesticides for chemical prioritization and life cycle assessment. <i>Environment International</i> , 2020, 138, 105642.	4.8	40
2132	Effects of Herbicides on Flowering. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1244-1256.	2.2	13
2133	Pollen limitation in a single year is not compensated by future reproduction. <i>Oecologia</i> , 2020, 192, 989-997.	0.9	2
2134	Vegetation composition and structure determine wild bee communities in a tropical dry forest. <i>Journal of Insect Conservation</i> , 2020, 24, 487-498.	0.8	7
2135	Immunosuppression response to the neonicotinoid insecticide thiacloprid in females and males of the red mason bee <i>Osmia bicornis</i> L.. <i>Scientific Reports</i> , 2020, 10, 4670.	1.6	23
2136	<i>Phacelia tanacetifolia</i> can enhance conservation of honey bees and wild bees in the drastic hot-arid subtropical Central Arabia. <i>Journal of Apicultural Research</i> , 2020, 59, 569-582.	0.7	5
2137	Total Brood Removal and Other Biotechniques for the Sustainable Control of <i>Varroa</i> Mites in Honey Bee Colonies: Economic Impact in Beekeeping Farm Case Studies in Northwestern Italy. <i>Sustainability</i> , 2020, 12, 2302.	1.6	18
2138	Natural enemies and pollinators in traditional cherry orchards: Functionally important taxa respond differently to farming system. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106920.	2.5	12
2139	Population Growth and Insecticide Residues of Honey Bees in Tropical Agricultural Landscapes. <i>Diversity</i> , 2020, 12, 1.	0.7	31
2140	Imidacloprid impairs performance on a model flower handling task in bumblebees ( <i>Bombus impatiens</i> ). <i>Ecotoxicology</i> , 2020, 29, 359-374.	1.1	9
2141	Distribution of ecosystem services within oilseed rape fields: Effects of field defects on pest and weed seed predation rates. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106894.	2.5	15
2142	Transcriptomic analysis to elucidate the response of honeybees (Hymenoptera: Apidae) to amitraz treatment. <i>PLoS ONE</i> , 2020, 15, e0228933.	1.1	6
2143	Forest restoration scenarios produce synergies for agricultural production in southern Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106888.	2.5	12
2144	Flower visitation and land cover associations of above ground- and below ground-nesting native bees in an agricultural region of south-east Australia. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106895.	2.5	27
2145	Opening a can of worms: Can the availability of soil invertebrates be indicated by birds?. <i>Ecological Indicators</i> , 2020, 113, 106222.	2.6	10
2146	Assessing the acute toxicity of insecticides to the buff-tailed bumblebee ( <i>Bombus terrestris audax</i> ). <i>Pesticide Biochemistry and Physiology</i> , 2020, 166, 104562.	1.6	18
2147	Application of <i>Metarhizium anisopliae</i> as a potential biological control of <i>Varroa destructor</i> in Italy. <i>Journal of Apicultural Research</i> , 2020, 59, 528-538.	0.7	6

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2148	Foodborne Transmission and Clinical Symptoms of Honey Bee Viruses in Ants <i>Lasius</i> spp.. <i>Viruses</i> , 2020, 12, 321.	1.5	11
2149	Equivocal Evidence for Colony Level Stress Effects on Bumble Bee Pollination Services. <i>Insects</i> , 2020, 11, 191.	1.0	14
2150	Resource partitioning among a pollinator guild: A case study of monospecific flower crops under high honeybee pressure. <i>Acta Oecologica</i> , 2020, 104, 103527.	0.5	6
2151	Evaluating Native Bee Communities and Nutrition in Managed Grasslands. <i>Environmental Entomology</i> , 2020, 49, 717-725.	0.7	8
2152	Habitat fragmentation changes top-down and bottom-up controls of food webs. <i>Ecology</i> , 2020, 101, e03062.	1.5	14
2153	Vulnerability of honey bee queens to heat-induced loss of fertility. <i>Nature Sustainability</i> , 2020, 3, 367-376.	11.5	59
2154	Pollination of cycads in an urban environment. <i>Botany</i> , 2020, 98, 333-339.	0.5	0
2155	Urban bumble bees are unaffected by the proportion of intensely developed land within urban environments of the industrial Midwestern USA. <i>Urban Ecosystems</i> , 2020, 23, 703-711.	1.1	8
2156	Are cities hotspots for bees? Local and regional diversity patterns lead to different conclusions. <i>Urban Ecosystems</i> , 2020, 23, 713-722.	1.1	21
2157	Detecting varroosis using a gas sensor system as a way to face the environmental threat. <i>Science of the Total Environment</i> , 2020, 722, 137866.	3.9	10
2158	From antagonism to synergism: Extreme differences in stressor interactions in one species. <i>Scientific Reports</i> , 2020, 10, 4667.	1.6	6
2159	Insect Pollination, More than Plant Nutrition, Determines Yield Quantity and Quality in Apple and Pear. <i>Neotropical Entomology</i> , 2020, 49, 525-532.	0.5	19
2160	Small-sized protected areas contribute more per unit area to tropical crop pollination than large protected areas. <i>Ecosystem Services</i> , 2020, 44, 101137.	2.3	2
2161	Landscape-Level Effects of Forest on Pollinators and Fruit Set of Guava ( <i>Psidium guajava</i> L.) in Orchards across Southern Thailand. <i>Diversity</i> , 2020, 12, 259.	0.7	9
2162	Limited Effect of Management on Apple Pollination: A Case Study from an Oceanic Island. <i>Insects</i> , 2020, 11, 351.	1.0	7
2163	Cofactor-enabled functional expression of fruit fly, honeybee, and bumblebee nicotinic receptors reveals picomolar neonicotinoid actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16283-16291.	3.3	61
2164	Bumble Bee Traffic Monitoring Using Acoustics. , 2020, , .		2
2165	Fine-scale spatial genetic structure, mating, and gene dispersal patterns in <i>Parkia biglobosa</i> populations with different levels of habitat fragmentation. <i>American Journal of Botany</i> , 2020, 107, 1041-1053.	0.8	8



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2167	Environment Shapes the Microbiome of the Blue Orchard Bee, <i>Osmia lignaria</i> . <i>Microbial Ecology</i> , 2020, 80, 897-907.	1.4	33
2168	Landscape composition and local floral resources influence foraging behavior but not the size of <i>Bombus impatiens</i> Cresson (Hymenoptera: Apidae) workers. <i>PLoS ONE</i> , 2020, 15, e0234498.	1.1	11
2169	The natural capital framework for sustainably efficient and equitable decision making. <i>Nature Sustainability</i> , 2020, 3, 776-783.	11.5	92
2170	A spatially extended model to assess the role of landscape structure on the pollination service of <i>Apis mellifera</i> . <i>Ecological Modelling</i> , 2020, 431, 109201.	1.2	9
2171	Entomovectoring for Precision Biocontrol and Enhanced Pollination of Crops. , 2020, , .		4
2172	Agri-Environment schemes enhance pollinator richness and abundance but bumblebee reproduction depends on field size. <i>Journal of Applied Ecology</i> , 2020, 57, 1818-1828.	1.9	39
2173	Optimizing yield and flower resources for pollinators in intensively managed multi-species grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2020, 302, 107062.	2.5	15
2174	Relative attractiveness of ruderals and ornamental plants to flower-visiting insects in a tropical anthropogenic landscape. <i>Urban Forestry and Urban Greening</i> , 2020, 51, 126657.	2.3	1
2175	Resistance of mound-building termites to anthropogenic land-use change. <i>Environmental Research Letters</i> , 2020, 15, 094038.	2.2	17
2176	Floral trait functional diversity is related to soil characteristics and positively influences pollination function in semi-natural grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2020, 301, 107033.	2.5	17
2177	Bee foraging preferences on three willow ( <i>Salix</i> ) species: Effects of species, plant sex, sampling day and time of day. <i>Annals of Applied Biology</i> , 2020, 177, 333-345.	1.3	11
2178	Climate change contributes to widespread declines among bumble bees across continents. <i>Science</i> , 2020, 367, 685-688.	6.0	381
2179	The Role of Annual Flowering Plant Strips on a Melon Crop in Central Spain. <i>Influence on Pollinators and Crop. Insects</i> , 2020, 11, 66.	1.0	18
2180	Pesticides use, practice and its effect on honeybee in Ethiopia: a review. <i>International Journal of Tropical Insect Science</i> , 2020, 40, 473-481.	0.4	19
2181	Climate change in the Eastern Amazon: crop-pollinator and occurrence-restricted bees are potentially more affected. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	54
2182	Environment as provider. , 2020, , 33-54.		0
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2185	Fitness consequences of the combined effects of veterinary and agricultural pesticides on a non-target insect. <i>Chemosphere</i> , 2020, 250, 126271.	4.2	11
2186	Bees increase crop yield in an alleged pollinator-independent almond variety. <i>Scientific Reports</i> , 2020, 10, 3177.	1.6	31
2187	Limiting resources on the reproductive success of a cavity-nesting bee species in a grassland agroecosystem. <i>Journal of Apicultural Research</i> , 2020, 59, 583-591.	0.7	9
2188	Cell Lines for Honey Bee Virus Research. <i>Viruses</i> , 2020, 12, 236.	1.5	27
2189	Queen honey bee ( <i>Apis mellifera</i> ) pheromone and reproductive behavior are affected by pesticide exposure during development. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	28
2190	Effect of pan trap size on the diversity of sampled bees and abundance of bycatch. <i>Journal of Insect Conservation</i> , 2020, 24, 409-420.	0.8	14
2191	A comparison of bee communities between primary and mature secondary forests in the longleaf pine ecosystem. <i>Scientific Reports</i> , 2020, 10, 2916.	1.6	15
2192	Gradual replacement of wild bees by honeybees in flowers of the Mediterranean Basin over the last 50 years. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192657.	1.2	49
2193	Exploring the importance of floral resources and functional trait compatibility for maintaining bee fauna in tropical agricultural landscapes. <i>Journal of Insect Conservation</i> , 2020, 24, 431-443.	0.8	13
2194	Grazing reduces bee abundance and diversity in saltmarshes by suppressing flowering of key plant species. <i>Agriculture, Ecosystems and Environment</i> , 2020, 291, 106760.	2.5	18
2195	Direct and sensitive detection of a microsporidian parasite of bumblebees using loop-mediated isothermal amplification (LAMP). <i>Scientific Reports</i> , 2020, 10, 1118.	1.6	5
2196	Asynchronous range shifts drive alpine plant-pollinator interactions and reduce plant fitness. <i>Global Change Biology</i> , 2020, 26, 3052-3064.	4.2	37
2197	Quantifying the relative predation pressure on bumblebee nests by the European badger ( <i>Meles</i> )	0.8	3
2198	Wild Bee Conservation within Urban Gardens and Nurseries: Effects of Local and Landscape Management. <i>Sustainability</i> , 2020, 12, 293.	1.6	41
2199	Occurrence of honey bee-associated pathogens in <i>Varroa</i> -free pollinator communities. <i>Journal of Invertebrate Pathology</i> , 2020, 171, 107344.	1.5	19
2200	Characterization of wild bee communities in apple and blueberry orchards. <i>Agricultural and Forest Entomology</i> , 2020, 22, 157-168.	0.7	5
2201	Contrasting latitudinal patterns in diversity and stability in a high-latitude species-rich moth community. <i>Global Ecology and Biogeography</i> , 2020, 29, 896-907.	2.7	32

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2203	Floral Species Richness Correlates with Changes in the Nutritional Quality of Larval Diets in a Stingless Bee. <i>Insects</i> , 2020, 11, 125.	1.0	28
2204	Student Teachers' Knowledge to Enable Problem-Solving for Sustainable Development. <i>Sustainability</i> , 2020, 12, 79.	1.6	9
2205	Inadequate pollination services limit watermelon yields in northern Tanzania. <i>Basic and Applied Ecology</i> , 2020, 44, 35-45.	1.2	10
2206	Is a strobilurin fungicide capable of inducing histopathological effects on the midgut and Malpighian tubules of honey bees?. <i>Journal of Apicultural Research</i> , 2020, 59, 834-843.	0.7	18
2207	Diet diversity and pesticide risk mediate the negative effects of land use change on solitary bee offspring production. <i>Journal of Applied Ecology</i> , 2020, 57, 1031-1042.	1.9	27
2208	Loss of dominant caterpillar genera in a protected tropical forest. <i>Scientific Reports</i> , 2020, 10, 422.	1.6	68
2209	Mapping habitat suitability at range-wide scales: Spatially-explicit distribution models to inform conservation and research for marsh birds. <i>Conservation Science and Practice</i> , 2020, 2, e178.	0.9	11
2210	Determination and uptake of abamectin and difenoconazole in the stingless bee <i>Melipona scutellaris</i> Latreille, 1811 via oral and topic acute exposure. <i>Environmental Pollution</i> , 2020, 265, 114313.	3.7	13
2211	Fewer butterflies and a different composition of bees, wasps and hoverflies on recently burned compared to unburned clear-cuts, regardless of burn severity. <i>Forest Ecology and Management</i> , 2020, 463, 118033.	1.4	9
2212	Critical Transitions in Plant-Pollinator Systems Induced by Positive Inbreeding-Reward-Pollinator Feedbacks. <i>IScience</i> , 2020, 23, 100819.	1.9	8
2213	Chronic exposure to glyphosate induces transcriptional changes in honey bee larva: A toxicogenomic study. <i>Environmental Pollution</i> , 2020, 261, 114148.	3.7	36
2214	More Than Meets the Eye? The Role of Annual Ornamental Flowers in Supporting Pollinators. <i>Environmental Entomology</i> , 2020, 49, 178-188.	0.7	30
2215	The impacts of bioenergy pine plantation management practices on bee communities. <i>Journal of Applied Ecology</i> , 2020, 57, 952-962.	1.9	13
2216	Analyses of the function of DnaJ family proteins reveal an underlying regulatory mechanism of heat tolerance in honeybee. <i>Science of the Total Environment</i> , 2020, 716, 137036.	3.9	17
2217	Factors contributing to the decline of an endangered flightless longhorn beetle: A 20-year study. <i>Insect Conservation and Diversity</i> , 2020, 13, 175-186.	1.4	12
2218	Do honey bee ( <i>Apis mellifera</i> ) foragers recruit their nestmates to native forbs in reconstructed prairie habitats?. <i>PLoS ONE</i> , 2020, 15, e0228169.	1.1	25
2219	Don't forget the flies: dipteran diversity and its consequences for floral ecology and evolution. <i>Applied Entomology and Zoology</i> , 2020, 55, 1-7.	0.6	57

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2221	Does an invader have a bright side? Floral reward in two <i>Solidago</i> species. <i>Journal of Apicultural Research</i> , 2020, 59, 599-608.	0.7	11
2222	What evidence exists on the impact of agricultural practices in fruit orchards on biodiversity? A systematic map. <i>Environmental Evidence</i> , 2020, 9, .	1.1	12
2223	Seasonal abundance and diversity of native bees in a patchy agricultural landscape in Southern Mexico. <i>Agriculture, Ecosystems and Environment</i> , 2020, 292, 106807.	2.5	5
2224	An Amazon stingless bee foraging activity predicted using recurrent artificial neural networks and attribute selection. <i>Scientific Reports</i> , 2020, 10, 9.	1.6	22
2225	Best be(e) on low fat: linking nutrient perception, regulation and fitness. <i>Ecology Letters</i> , 2020, 23, 545-554.	3.0	62
2226	Policy content analysis: Qualitative method for analyzing sub-national insect pollinator legislation. <i>MethodsX</i> , 2020, 7, 100787.	0.7	44
2227	Impact of extreme events on pollinator assemblages. <i>Current Opinion in Insect Science</i> , 2020, 38, 34-39.	2.2	8
2228	Characterization of Arylalkylamine <i>N</i> -Acyltransferase from <i>Tribolium castaneum</i> : An Investigation into a Potential Next-Generation Insecticide Target. <i>ACS Chemical Biology</i> , 2020, 15, 513-523.	1.6	7
2229	Contrasting trends between species and catchments in diadromous fish counts over the last 30 years in France. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 7.	0.5	8
2230	The impact of lowbush blueberry ( <i>Vaccinium angustifolium</i> Ait.) and cranberry ( <i>Vaccinium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td e0227970.	1.1	8
2231	<i>Varroa</i> mite evolution: a neglected aspect of worldwide bee collapses?. <i>Current Opinion in Insect Science</i> , 2020, 39, 21-26.	2.2	23
2232	Thermal tolerance varies with dimâ€light foraging and elevation in large carpenter bees (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td e0227970.	1.1	17
2233	Engineered symbionts activate honey bee immunity and limit pathogens. <i>Science</i> , 2020, 367, 573-576.	6.0	161
2234	The economic cost of losing native pollinator species for orchard production. <i>Journal of Applied Ecology</i> , 2020, 57, 599-608.	1.9	39
2235	A novel non-invasive radar to monitor honey bee colony health. <i>Computers and Electronics in Agriculture</i> , 2020, 170, 105241.	3.7	19
2236	Native honeybees as flower visitors and pollinators in wild plant communities in a biodiversity hotspot. <i>Ecosphere</i> , 2020, 11, e02957.	1.0	23
2237	Gone with the wind: effects of wind on honey bee visit rate and foraging behaviour. <i>Animal Behaviour</i> , 2020, 161, 23-31.	0.8	43

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2238	Control of Varroa destructor Mite Infestations at Experimental Apiaries Situated in Croatia. Diversity, 2020, 12, 12.	0.7	7
2239	Functional and transcriptomic analyses of the NF-Y family provide insights into the defense mechanisms of honeybees under adverse circumstances. Cellular and Molecular Life Sciences, 2020, 77, 4977-4995.	2.4	6
2240	Conserving focal insect groups in woodland remnants: The role of landscape context and habitat structure on cross-taxonomic congruence. Ecological Indicators, 2020, 115, 106391.	2.6	7
2241	A mathematical model to see the effects of increasing environmental temperature on plant-pollinator interactions. Modeling Earth Systems and Environment, 2020, 6, 1315-1329.	1.9	4
2242	Arthropod biodiversity patterns point to the Mesovoid Shallow Substratum (MSS) as a climate refugium. Zoology, 2020, 141, 125771.	0.6	19
2243	Year-round temporal stability of a tropical, urban plant-pollinator network. PLoS ONE, 2020, 15, e0230490.	1.1	17
2244	Bee community response to local and landscape factors along an urban-rural gradient. Urban Ecosystems, 2020, 23, 689-702.	1.1	22
2245	Insects associated with sweet fennel: beneficial visitors attracted by a generalist plant. Arthropod-Plant Interactions, 2020, 14, 399-407.	0.5	11
2246	Effects of future agricultural change scenarios on beneficial insects. Journal of Environmental Management, 2020, 265, 110550.	3.8	27
2247	Pollen adaptation to ant pollination: a case study from the Proteaceae. Annals of Botany, 2020, 126, 377-386.	1.4	18
2248	Diversified Farming in a Monoculture Landscape: Effects on Honey Bee Health and Wild Bee Communities. Environmental Entomology, 2020, 49, 753-764.	0.7	38
2249	From a free gift of nature to a precarious commodity: Bees, pollination services, and industrial agriculture. Journal of Agrarian Change, 2020, 20, 437-459.	0.8	23
2250	Genetic Strain Diversity of Multi-Host RNA Viruses that Infect a Wide Range of Pollinators and Associates is Shaped by Geographic Origins. Viruses, 2020, 12, 358.	1.5	16
2251	Sequencing the Movements of Honey Bee Colonies between the Forage Sites with the Microeconomic Model of the Migratory Beekeeper. , 2020, , .		1
2252	A dataset of multi-functional ecological traits of Brazilian bees. Scientific Data, 2020, 7, 120.	2.4	25
2253	Shifts in food plant abundance for flower-visiting insects between 1900 and 2017 in the canton of Zurich, Switzerland. Ecological Applications, 2020, 30, e02138.	1.8	14
2254	Cyclic Synthetic Peroxides Inhibit Growth of Entomopathogenic Fungus Ascospaera apis without Toxic Effect on Bumblebees. Molecules, 2020, 25, 1954.	1.7	19
2255	Habitat amount mediates the effect of fragmentation on a pollinator's reproductive performance, but not on its foraging behaviour. Oecologia, 2020, 193, 523-534.	0.9	11

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2256	Wildflower-pollinator interactions: Which phytochemicals are involved?. Basic and Applied Ecology, 2020, 45, 62-75.	1.2	2
2257	Genetic diversity and species differentiation of medicinal plant Persian Poppy ( <i>Papaver bracteatum</i> L.) using AFLP and ISSR markers. Ecological Genetics and Genomics, 2020, 16, 100058.	0.3	9
2258	Occurrence of virus, microsporidia, and pesticide residues in three species of stingless bees (Apidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	27
2259	Distribution of recently identified bee-infecting viruses in managed honey bee ( <i>Apis mellifera</i> ) populations in the USA. Apidologie, 2020, 51, 736-745.	0.9	9
2260	Monitoring tropical insects in the 21st century. Advances in Ecological Research, 2020, 62, 295-330.	1.4	15
2261	Pollinator exposure to systemic insecticides and fungicides applied in the previous fall and pre-bloom period in apple orchards. Environmental Pollution, 2020, 265, 114589.	3.7	29
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2263	Analyzing the Dietary Diary of Bumble Bee. Frontiers in Plant Science, 2020, 11, 287.	1.7	16
2264	Mitigating the Effects of Habitat Loss on Solitary Bees in Agricultural Ecosystems. Agriculture (Switzerland), 2020, 10, 115.	1.4	35
2265	The force of Varroa: Anticipatory experiences in beekeeping biosecurity. Journal of Rural Studies, 2020, 76, 58-66.	2.1	11
2266	Investigating bee dietary preferences along a gradient of floral resources: how does resource use align with resource availability?. Insect Science, 2021, 28, 555-565.	1.5	8
2267	Assessing the impact of complimentary wildflower seed packets as an outreach tool for promoting pollinator conservation at a zoo. Applied Environmental Education and Communication, 2021, 20, 92-106.	0.6	1
2268	The melittofauna and its floral associations in a natural riparian forest in Buenos Aires province, Argentina. Journal of Apicultural Research, 2021, 60, 241-254.	0.7	4
2269	More losses than gains in ground-nesting bees over 60 years of urbanization. Urban Ecosystems, 2021, 24, 233-242.	1.1	24
2270	Tomato ( <i>Solanum lycopersicum</i> ) pollinators and their effect on fruit set and quality. Journal of Horticultural Science and Biotechnology, 2021, 96, 1-13.	0.9	19
2271	Addressing behavior in pollinator conservation policies to combat the implementation gap. Conservation Biology, 2021, 35, 610-622.	2.4	24
2272	If You Build It, They Will Come—Agroecosystem-Based Management Practices Support Pollinators. Annals of the Entomological Society of America, 2021, 114, 322-328.	1.3	3
2273	Viral impacts on honey bee populations: A review. Saudi Journal of Biological Sciences, 2021, 28, 523-530.	1.8	42

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2275	The relevance of ecosystem services to land reform policies: Insights from South Africa. <i>Land Use Policy</i> , 2021, 100, 104939.	2.5	13
2276	Anthropogenic influence on seasonal and spatial variation in bioelements and non-essential elements in honeybees and their hemolymph. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108852.	1.3	15
2277	A three-year large scale study on the risk of honey bee colony exposure to blooming sunflowers grown from seeds treated with thiamethoxam and clothianidin neonicotinoids. <i>Chemosphere</i> , 2021, 262, 127735.	4.2	12
2278	The relationship between pollinator community and pollination services is mediated by floral abundance in urban landscapes. <i>Urban Ecosystems</i> , 2021, 24, 275-290.	1.1	33
2279	Plant protection services mediated by extrafloral nectaries decline with aridity but are not influenced by chronic anthropogenic disturbance in Brazilian Caatinga. <i>Journal of Ecology</i> , 2021, 109, 260-272.	1.9	11
2280	Results of 2-Year Ring Testing of a Semifield Study Design to Investigate Potential Impacts of Plant Protection Products on the Solitary Bees <i>Osmia Bicornis</i> and <i>Osmia Cornuta</i> and a Proposal for a Suitable Test Design. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 236-250.	2.2	14
2281	<i>Apis mellifera</i> and <i>Melipona scutellaris</i> exhibit differential sensitivity to thiamethoxam. <i>Environmental Pollution</i> , 2021, 268, 115770.	3.7	18
2282	Bee pollination services and the enhancement of fruit yield associated with seed number in self-incompatible tangelos. <i>Scientia Horticulturae</i> , 2021, 276, 109743.	1.7	7
2283	Prioritizing changes in management practices associated with reduced winter honey bee colony losses for US beekeepers. <i>Science of the Total Environment</i> , 2021, 753, 141629.	3.9	42
2284	Influence of neonicotinoids on pollinators: A review. <i>Journal of Apicultural Research</i> , 2021, 60, 19-32.	0.7	14
2285	Bee abundance and soil nitrogen availability interactively modulate apple quality and quantity in intensive agricultural landscapes of China. <i>Agriculture, Ecosystems and Environment</i> , 2021, 305, 107168.	2.5	10
2286	Conservation in post-industrial cities: How does vacant land management and landscape configuration influence urban bees?. <i>Journal of Applied Ecology</i> , 2021, 58, 58-69.	1.9	27
2287	The novel insecticides flupyradifurone and sulfoxaflor do not act synergistically with viral pathogens in reducing honey bee ( <i>Apis mellifera</i> ) survival but sulfoxaflor modulates host immunocompetence. <i>Microbial Biotechnology</i> , 2021, 14, 227-240.	2.0	33
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2375	Organic winter cereals benefit bumblebee colonies in agricultural landscapes with mass—flowering crops. <i>Insect Conservation and Diversity</i> , 2021, 14, 504-514.	1.4	3
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2405	Differential Viral Distribution Patterns in Reproductive Tissues of <i>Apis mellifera</i> and <i>Apis cerana</i> Drones. <i>Frontiers in Veterinary Science</i> , 2021, 8, 608700.	0.9	3
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2419	Pollen diversity and protein content in differentially degraded semi-arid landscapes in Kenya. <i>Journal of Apicultural Research</i> , 2021, 60, 828-841.	0.7	4
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2431	Pollinator Communities in Some Selected Hungarian Conventional, Organic and Permaculture Horticultures. , 0, , .		0
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2444	Landscape structure affects the sunflower visiting frequency of insect pollinators. <i>Scientific Reports</i> , 2021, 11, 8147.	1.6	7
2445	Histomorphological description of the reproductive system in mated honey bee queens. <i>Journal of Apicultural Research</i> , 2022, 61, 114-126.	0.7	2
2446	Presence of pollinator-friendly habitat on pollinator communities in managed turfgrass systems. <i>Itsrlj</i> , 0, , .	0.1	2
2448	Effects of prescribed fire timing on vigor of the invasive forb sericea lespedeza (<i>Lespedeza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 tallgrass prairie in the Kansas Flint Hills. <i>Translational Animal Science</i> , 2021, 5, txab079.	0.4	7
2449	The impact of planting buckwheat strips along lowbush blueberry fields on beneficial insects. <i>Canadian Journal of Plant Science</i> , 2021, 101, 166-176.	0.3	0
2450	Insect Decline—A Forensic Issue?. <i>Insects</i> , 2021, 12, 324.	1.0	7
2451	Counting Bees: Learning Outcomes from Participation in the Dutch National Bee Survey. <i>Sustainability</i> , 2021, 13, 4703.	1.6	9
2452	Is being green what matters? Functional diversity of cavity-nesting bees and wasps and their interaction networks with parasites in different reforestation types in Amazonia. <i>Insect Conservation and Diversity</i> , 2021, 14, 620-634.	1.4	2
2453	Limited Economic-Ecological Trade-Offs in a Shifting Agricultural Landscape: A Case Study From Kern County, California. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	2
2454	Protection of honeybees and other pollinators: one global study. <i>Apidologie</i> , 2021, 52, 535-547.	0.9	3
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2456	A New Strain of Virus Discovered in China Specific to the Parasitic Mite <i>Varroa destructor</i> Poses a Potential Threat to Honey Bees. <i>Viruses</i> , 2021, 13, 679.	1.5	10
2457	The Effects of Exposure to Flupyradifurone on Survival, Development, and Foraging Activity of Honey Bees ( <i>Apis mellifera</i> L.) under Field Conditions. <i>Insects</i> , 2021, 12, 357.	1.0	9
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2459	A Robust Prediction Model for Species Distribution Using Bagging Ensembles with Deep Neural Networks. <i>Remote Sensing</i> , 2021, 13, 1495.	1.8	18
2460	How to Save Endangered Magnolias? From Population Biology to Conservation Action: The Case of Allopatric Radiation in Western Mexico. , 0, , .		7
2461	Landscape Context Influences the Bee Conservation Value of Wildflower Plantings. <i>Environmental Entomology</i> , 2021, 50, 821-831.	0.7	4



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2463	Antimicrobial activity of camphor tree silver nano-particles against foulbrood diseases and finding out new strain of <i>Serratia marcescens</i> as a secondary infection on honeybee larvae. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2067-2075.	1.8	14
2464	First application of an Integrated Biological Response index to assess the ecotoxicological status of honeybees from rural and urban areas. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47418-47428.	2.7	5
2465	Assessing the potential for deep learning and computer vision to identify bumble bee species from images. <i>Scientific Reports</i> , 2021, 11, 7580.	1.6	41
2466	Antiviral Activities of a Medicinal Plant Extract Against Sacbrood Virus in Honeybees. <i>Virology Journal</i> , 2021, 18, 83.	1.4	8
2467	Parasites and RNA viruses in wild and laboratory reared bumble bees <i>Bombus pauloensis</i> (Hymenoptera: Tj ETQq1 1.0.784314 rgBT /Ov	1.1	5
2468	Landscape characterization of floral resources for pollinators in the Prairie Pothole Region of the United States. <i>Biodiversity and Conservation</i> , 2021, 30, 1991-2015.	1.2	9
2469	Next-gen plant clonal ecology. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021, 49, 125601.	1.1	15
2470	Relative bee abundance varies by collection method and flowering richness: Implications for understanding patterns in bee community data. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12071.	0.8	11
2471	Spiromesifen induces histopathological and cytotoxic changes in the midgut of the honeybee <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Chemosphere</i> , 2021, 270, 129439.	4.2	15
2472	<i>Bracon</i> wasps for ecological pest control—a laboratory experiment. <i>PeerJ</i> , 2021, 9, e11540.	0.9	2
2474	A Survey of Wild Bees (Hymenoptera: Anthophila) in Thunder Bay, Ontario, and Their Floral Associations. <i>Journal of the Kansas Entomological Society</i> , 2021, 93, .	0.1	0
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2477	Enhancing flowering plant functional richness improves wild bee diversity in vineyard inter-crows in different floral kingdoms. <i>Ecology and Evolution</i> , 2021, 11, 7927-7945.	0.8	9
2478	Corbiculate Bees (Hymenoptera: Apidae): Exploring the Limits of Morphological Data to Solve a Hard Phylogenetic Problem. <i>Insect Systematics and Diversity</i> , 2021, 5, .	0.7	8
2479	The contribution of land cover change to the decline of honey yields in the Northern Great Plains. <i>Environmental Research Letters</i> , 2021, 16, 064050.	2.2	11
2480	DNA barcodes and new primers for nature's pest controllers: the social wasps. <i>Genome</i> , 2021, 64, 581-590.	0.9	0

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2482	Biodiversity Loss: Threats and Conservation Strategies. <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 2021, 68, .	0.1	1
2483	Monitoring bee health in European agro-ecosystems using wing morphology and fat bodies. <i>One Ecosystem</i> , 0, 6, .	0.0	10
2484	Nest density, spatial distribution, and bionomy of <i>Trigona spinipes</i> (Apidae: Meliponini). <i>Journal of Apicultural Research</i> , 2023, 62, 680-691.	0.7	2
2486	Phylogeny, Phenology, and Foraging Breadth of <i>Ashmeadiella</i> (Hymenoptera: Megachilidae). <i>Insect Systematics and Diversity</i> , 2021, 5, .	0.7	2
2487	Network analysis highlights increased generalisation and evenness of plant-pollinator interactions after conservation measures. <i>Acta Oecologica</i> , 2021, 110, 103689.	0.5	1
2488	Extrapolating Acute Contact Bee Sensitivity to Insecticides Based on Body Weight Using a Phylogenetically Informed Interspecies Scaling Framework. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2042-2050.	2.2	12
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2490	A comprehensive approach for agroecosystem services and disservices valuation. <i>Science of the Total Environment</i> , 2021, 768, 144859.	3.9	37
2491	Long-term surveys support declines in early season forest plants used by bumblebees. <i>Journal of Applied Ecology</i> , 2021, 58, 1431-1441.	1.9	32
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2493	Landscape Enhancements in Apple Orchards: Higher Bumble Bee Queen Species Richness, but No Effect on Apple Quality. <i>Insects</i> , 2021, 12, 421.	1.0	9
2494	Temporal Trends in Pollination Deficits and Its Potential Impacts on Chinese Agriculture. <i>Journal of Economic Entomology</i> , 2021, 114, 1431-1440.	0.8	7
2495	Bee and Beekeeping Research in a Rapidly Changing World: Advancements and Challenges. <i>Molecules</i> , 2021, 26, 3066.	1.7	1
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2498	Global effects of land-use intensity on local pollinator biodiversity. <i>Nature Communications</i> , 2021, 12, 2902.	5.8	87
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2500	Molecular mechanisms of mutualistic and antagonistic interactions in a plant-pollinator association. <i>Nature Ecology and Evolution</i> , 2021, 5, 974-986.	3.4	30

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2503	Pollen Sources in Honey Bee ( <i>Apis mellifera</i> ) Diet in Ellis County, Kansas. <i>Transactions of the Kansas Academy of Science</i> , 2021, 124, .	0.0	1
2504	Regional differences in farmers's preferences for a native bee conservation policy: The case of farming communities in Northern and Eastern Thailand. <i>PLoS ONE</i> , 2021, 16, e0251206.	1.1	1
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2506	Habitat Quality and Social Behavioral Association Network in a Wintering Waterbirds Community. <i>Sustainability</i> , 2021, 13, 6044.	1.6	10
2507	Ten Years of Deformed Wing Virus (DWV) in Hawaiian Honey Bees ( <i>Apis mellifera</i> ), the Dominant DWV-A Variant Is Potentially Being Replaced by Variants with a DWV-B Coding Sequence. <i>Viruses</i> , 2021, 13, 969.	1.5	13
2508	The direct and indirect effects of extreme climate events on insects. <i>Science of the Total Environment</i> , 2021, 769, 145161.	3.9	34
2509	A systematic scoping review of the methodological approaches and effects of pesticide exposure on solitary bees. <i>PLoS ONE</i> , 2021, 16, e0251197.	1.1	19
2510	Bombus ArÄ±larÄ±nda TarlacÄ± Ä°ÄŸÄŸi ArÄ±larÄ±n Entomopatojen Funguslara Maruz KalmasÄ± Kolonideki DiÄŸer Bireyleri NasÄ±l Etkiler?. <i>Journal of Animal Science and Products</i> , 0, , .	0.3	1
2511	Special Issue "Pollinator Diversity and Pollination in Agricultural Systems". <i>Agronomy</i> , 2021, 11, 1075.	1.3	0
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2514	Early prediction of bumblebee flight task using machine learning. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106065.	3.7	1
2515	A New Approach to Inform Restoration and Management Decisions for Sustainable Apiculture. <i>Sustainability</i> , 2021, 13, 6109.	1.6	2
2516	Genetic analysis and screening of pyrethroid resistance mutations in <i>Varroa destructor</i> populations from Turkey. <i>Experimental and Applied Acarology</i> , 2021, 84, 433-444.	0.7	9
2517	Are Honey Bees at Risk from Microplastics?. <i>Toxics</i> , 2021, 9, 109.	1.6	29
2518	Identity of mass-flowering crops moderates functional trait composition of pollinator communities. <i>Landscape Ecology</i> , 2021, 36, 2657-2671.	1.9	14

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2521	Adaptive population structure shifts in invasive parasitic mites, <i>Varroa destructor</i>. <i>Ecology and Evolution</i> , 2021, 11, 5937-5949.	0.8	9
2522	Comparison of wild bee communities of three semi-natural meadow habitats at Harghitaâ€™Covasna Region, Transylvania, Romania. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , 2021, 67, 161-175.	0.1	2
2523	Main Data Analysis of Control and Positive Reference for the Test Validity of Honeybee Brood Test under Semi-field Conditions in Korea. <i>Nong'yag Gwahag Hoeji</i> , 2021, 25, 99-110.	0.1	0
2524	Increased Insect Pollinator Service Overcomes Barriers in Reproductive Success of <i>Aesculus indica</i> Colebr. (Hippocastanaceae) in the Temperate Himalaya. <i>Proceedings of the Zoological Society</i> , 2021, 74, 313-326.	0.4	0
2526	Comparison of floral traits in <i>Calibrachoa</i> cultivars and assessment of their impacts on attractiveness to flower-visiting insects. <i>Arthropod-Plant Interactions</i> , 2021, 15, 517-534.	0.5	1
2527	Honey Bee Colony Population Daily Loss Rate Forecasting and an Early Warning Method Using Temporal Convolutional Networks. <i>Sensors</i> , 2021, 21, 3900.	2.1	8
2528	The role of climate change in pollinator decline across the Northern Hemisphere is underestimated. <i>Science of the Total Environment</i> , 2021, 775, 145788.	3.9	46
2529	Human health outcomes of a restored ecological balance in African agro-landscapes. <i>Science of the Total Environment</i> , 2021, 775, 145872.	3.9	10
2530	Using Citizen Science to Scout Honey Bee Colonies That Naturally Survive <i>Varroa destructor</i> Infestations. <i>Insects</i> , 2021, 12, 536.	1.0	10
2531	Effects of native pollinator communities on the physiological and chemical parameters of loquat tree ( <i>Eriobotrya japonica</i> ) under open field condition. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3235-3241.	1.8	12
2532	Progress in ecosystem services research: A guide for scholars and practitioners. <i>Ecosystem Services</i> , 2021, 49, 101267.	2.3	45
2533	Glyphosate-Based Herbicides Alter the Reproductive Morphology of <i>Rosa acicularis</i> (Prickly Rose). <i>Frontiers in Plant Science</i> , 2021, 12, 698202.	1.7	5
2534	Public perceptions of Irelandâ€™s pollinators: A case for more inclusive pollinator conservation initiatives. <i>Journal for Nature Conservation</i> , 2021, 61, 125999.	0.8	6
2535	Impact of managed stingless bee and western honey bee colonies on native pollinators and yield of watermelon: A comparative study. <i>Annals of Agricultural Sciences</i> , 2021, 66, 38-45.	1.1	22
2536	Can Colony Size of Honeybees ( <i>Apis mellifera</i> ) Be Used as Predictor for Colony Losses Due to <i>Varroa destructor</i> during Winter?. <i>Agriculture (Switzerland)</i> , 2021, 11, 529.	1.4	6
2537	Leveraging Agri-food IoT Solutions to Connect Apiary Owners and Farmers. , 2021, , .		0
2538	Sublethal doses of glyphosate impair olfactory memory retention, but not learning in the honey bee ( <i>Apis mellifera scutellata</i> ). <i>Journal of Insect Conservation</i> , 2021, 25, 683-694.	0.8	9

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2540	An Easy Mixed-Method Analysis Tool to Support Rural Development Strategy Decision-Making for Beekeeping. <i>Land</i> , 2021, 10, 675.	1.2	14
2541	The development of the solitary bee <i>Osmia bicornis</i> is affected by some insecticide agrochemicals at environmentally relevant concentrations. <i>Science of the Total Environment</i> , 2021, 775, 145588.	3.9	22
2542	Effects of native forest and human-modified land covers on the accumulation of toxic metals and metalloids in the tropical bee <i>Tetragonisca angustula</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112147.	2.9	3
2543	Factors Affecting Immune Responses in Honey Bees: An Insight. <i>Journal of Apicultural Science</i> , 2021, 65, 25-47.	0.1	3
2545	Sensorial, physico-chemical and microbiological analyses of samples of honeys produced for <i>Apis mellifera</i> in the region of the Cacaos Maranhenses, Maranhão State, Brazil. <i>Research, Society and Development</i> , 2021, 10, e21510716495.	0.0	0
2546	Distribution and Habitat Preferences of a Frosted Elfin Subspecies ( <i>Callophrys irus hadros</i> ). <i>Tropical Conservation and Science</i> , 2021, 10, 502-507.	0.0	0
2547	Plasticity in life features, parasitism and super-parasitism behavior of <i>Bracon hebetor</i> , an important natural enemy of <i>Galleria mellonella</i> and other lepidopteran host species. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3351-3361.	1.8	1
2548	Monofloral Honeys as a Potential Source of Natural Antioxidants, Minerals and Medicine. <i>Antioxidants</i> , 2021, 10, 1023.	2.2	49
2549	Essential oils as sustainable control agents against <i>Varroa destructor</i> (Acari, Varroidae), an ectoparasitic mite of the western honeybees <i>Apis mellifera</i> (Hymenoptera: Apidae): Review of recent literature (2010-onwards). <i>International Journal of Acarology</i> , 2021, 47, 436-445.	0.3	1
2550	The composition of bacteria in gut and beebread of stingless bees (Apidae: Meliponini) from tropics Yunnan, China. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1293-1305.	0.7	21
2551	Neonicotinoid Pesticides Cause Mass Fatalities of Native Bumble Bees: A Case Study From Wilsonville, Oregon, United States. <i>Environmental Entomology</i> , 2021, 50, 1095-1104.	0.7	13
2553	Pollination in the Tropics: Role of Pollinator in Guava Production. <i>International Journal of Life Sciences and Biotechnology</i> , 0, , .	0.2	1
2554	Toxicity of chlorpyrifos, cyflumetofen, and difenoconazole on <i>Tetragonisca angustula</i> (Latreille, 1811) under laboratory conditions. <i>International Journal of Tropical Insect Science</i> , 2022, 42, 435-443.	0.4	7
2555	Evaluation of four different methods for assessing bee diversity as ecological indicators of agro-ecosystems. <i>Ecological Indicators</i> , 2021, 125, 107573.	2.6	22
2556	Elevated CO <sub>2</sub> Impacts on Plant-Pollinator Interactions: A Systematic Review and Free Air Carbon Enrichment Field Study. <i>Insects</i> , 2021, 12, 512.	1.0	3
2557	Bee (Apoidea) community response to perennial grass treatments managed for livestock production and conservation. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107391.	2.5	1
2558	Changes in the wing-beat frequency of bees and wasps depending on environmental conditions: a study with optical sensors. <i>Apidologie</i> , 2021, 52, 731-748.	0.9	13

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2560	Low fruit set in an endangered tree: pollination by exotic bumblebees and pollen resource for relictual native bees. <i>Arthropod-Plant Interactions</i> , 2021, 15, 491.	0.5	1
2562	Bumble bee ( <i>Bombus impatiens</i> ) survival, pollen usage, and reproduction are not affected by oxalate oxidase at realistic concentrations in American chestnut ( <i>Castanea dentata</i> ) pollen. <i>Transgenic Research</i> , 2021, 30, 751-764.	1.3	1
2563	Phylogenetic Relationships among Honey Bee Subspecies <i>Apis mellifera caucasia</i> and <i>Apis mellifera carpathica</i> Based on the Sequences of the Mitochondrial Genome. <i>Russian Journal of Genetics</i> , 2021, 57, 711-723.	0.2	2
2564	Decline in symbiont-dependent host detoxification metabolism contributes to increased insecticide susceptibility of insects under high temperature. <i>ISME Journal</i> , 2021, 15, 3693-3703.	4.4	46
2565	Chicago Bees: Urban Areas Support Diverse Bee Communities but With More Non-Native Bee Species Compared to Suburban Areas. <i>Environmental Entomology</i> , 2021, 50, 982-994.	0.7	7
2566	Non-native plants rarely provide suitable habitat for native gall-inducing species. <i>Biodiversity and Conservation</i> , 2021, 30, 2797-2805.	1.2	1
2567	Wild non-eusocial bees learn a colour discrimination task in response to simulated predation events. <i>Die Naturwissenschaften</i> , 2021, 108, 28.	0.6	10
2568	Impacts of beekeeping on wild bee diversity and pollination networks in the Aegean Archipelago. <i>Ecography</i> , 2021, 44, 1353-1365.	2.1	15
2569	Pollen DNA metabarcoding identifies regional provenance and high plant diversity in Australian honey. <i>Ecology and Evolution</i> , 2021, 11, 8683-8698.	0.8	22
2570	No evidence of top-down effects by ants on litter decomposition in a temperate grassland. <i>Ecosphere</i> , 2021, 12, e03638.	1.0	4
2571	Technological Advances to Reduce <i>Apis mellifera</i> Mortality: A Bibliometric Analysis. <i>Sustainability</i> , 2021, 13, 8305.	1.6	6
2572	Why a landscape view is important: nearby urban and agricultural land affects bird abundances in protected areas. <i>PeerJ</i> , 2021, 9, e10719.	0.9	2
2573	An Investigation of Honey Bee Viruses Prevalence in Managed Honey Bees ( <i>Apis mellifera</i> and <i>Apis mellifera</i> ) Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overlock	0.2	5
2574	Context-Dependent Effect of Dietary Phytochemicals on Honey Bees Exposed to a Pesticide, Thiamethoxam. <i>Journal of Insect Science</i> , 2021, 21, .	0.6	6
2575	<i>Tropilaelaps mercedesae</i> parasitism changes behavior and gene expression in honey bee workers. <i>PLoS Pathogens</i> , 2021, 17, e1009684.	2.1	5
2576	Horizontal Honey-Bee Larvae Rearing Plates Can Increase the Deformation Rate of Newly Emerged Adult Honey Bees. <i>Insects</i> , 2021, 12, 603.	1.0	3
2577	Changes in the structure and composition of the "Mexical"™ scrubland bee community along an elevational gradient. <i>PLoS ONE</i> , 2021, 16, e0254072.	1.1	5

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2578	Distribution and pollination services of wild bees and hoverflies along an altitudinal gradient in mountain hay meadows. <i>Ecology and Evolution</i> , 2021, 11, 11345-11351.	0.8	8
2579	Impact of intraspecific variation on measurements of thermal tolerance in bumble bees. <i>Journal of Thermal Biology</i> , 2021, 99, 103002.	1.1	17
2580	Wild Bee Response to Application of the Douglas-fir Beetle Anti-Aggregation Pheromone, 3-Methylcyclohex-2-En-1-One. <i>Journal of Economic Entomology</i> , 2021, 114, 2121-2126.	0.8	1
2581	Genetic Diversity and Reproductive Biology of Two Species of <i>Vaccinium</i> (Ericaceae) in the Dominican Republic. <i>Caribbean Journal of Science</i> , 2021, 51, .	0.2	0
2582	Non-insecticide pesticide impacts on bees: A review of methods and reported outcomes. <i>Agriculture, Ecosystems and Environment</i> , 2021, 314, 107423.	2.5	29
2583	Interaction between warming and landscape foraging resource availability on solitary bee reproduction. <i>Journal of Animal Ecology</i> , 2021, 90, 2536-2546.	1.3	9
2584	A novel method for the detection and diagnosis of virus infections in honey bees. <i>Journal of Virological Methods</i> , 2021, 293, 114163.	1.0	6
2585	Floral resource selection by wild bees and honey bees in the Midwest United States: implications for designing pollinator habitat. <i>Restoration Ecology</i> , 0, , e13456.	1.4	10
2586	Specialist Bee Species Are Larger and Less Phylogenetically Distinct Than Generalists in Tropical Plant-Bee Interaction Networks. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	5
2587	Temperature sensitive effects of the neonicotinoid clothianidin on bumblebee (&i&t;Bombus) Tj ETQq1 1 0.784314 rgBT /Overlock 11 0,5 4	0.5	4
2588	Large variability in response to projected climate and land-use changes among European bumblebee species. <i>Global Change Biology</i> , 2021, 27, 4530-4545.	4.2	12
2589	Early successional riparian vegetation is important for western Yellow-billed Cuckoo nesting habitat. <i>Restoration Ecology</i> , 2021, 29, e13376.	1.4	2
2590	Genetic and ecological consequences of recent habitat fragmentation in a narrow endemic plant species within an urban context. <i>Biodiversity and Conservation</i> , 2021, 30, 3457-3478.	1.2	5
2591	A SNP assay for assessing diversity in immune genes in the honey bee ( <i>Apis mellifera</i> L.). <i>Scientific Reports</i> , 2021, 11, 15317.	1.6	4
2592	Analysis of geographic centrality and genetic diversity in the declining grasshopper species <i>Bryodemella tuberculata</i> (Orthoptera: Oedipodinae). <i>Biodiversity and Conservation</i> , 2021, 30, 2773-2796.	1.2	3
2593	The Orchid Bee Fauna (Hymenoptera: Apidae: Euglossini) of a Neotropical Savanna: an Efficient Protocol to Assess Bee Community and Diversity Along Elevational and Habitat Complexity Gradients. <i>Neotropical Entomology</i> , 2021, 50, 748-758.	0.5	3
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2595	Novel pollen analogue technique shows bumblebees display low floral constancy and prefer sites with high floral diversity. <i>Landscape Ecology</i> , 2021, 36, 3231-3247.	1.9	7

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2597	Expanding insect pollinators in the Anthropocene. <i>Biological Reviews</i> , 2021, 96, 2755-2770.	4.7	35
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2600	Arable wildflowers have potential as living mulches for sustainable agriculture. <i>Plant Ecology and Diversity</i> , 2021, 14, 93-104.	1.0	3
2602	Reproductive fitness of honey bee queens exposed to thiamethoxam during development. <i>Veterinary Pathology</i> , 2021, 58, 1107-1118.	0.8	3
2603	A test of new trapping methods for honey bees using odor attractants and a dry trap. <i>Journal of Apicultural Research</i> , 2024, 63, 38-40.	0.7	0
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2605	Methylene blue can act as an antidote to pesticide poisoning of bumble bee mitochondria. <i>Scientific Reports</i> , 2021, 11, 14710.	1.6	7
2606	Conservation planning for pollinators in the U.S. Great Plains: considerations of context, treatments, and scale. <i>Ecosphere</i> , 2021, 12, e03556.	1.0	5
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2608	Cattle and sheep differentially alter floral resources and the native bee communities in working landscapes. <i>Ecological Applications</i> , 2021, 31, e02406.	1.8	7
2609	The role of soils on pollination and seed dispersal. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200171.	1.8	17
2610	How protection of honey bees can help and hinder bee conservation. <i>Current Opinion in Insect Science</i> , 2021, 46, 112-118.	2.2	25
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2612	Analyzing growers' pest management decisions in the U.S. ornamental horticulture industry. <i>Journal of Cleaner Production</i> , 2021, 312, 127788.	4.6	0
2613	Does Counting Different Life Stages Impact Estimates for Extinction Probabilities for Tsetse (Glossina) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	0
2614	The earliest record of fossil solid-wood-borer larvae—immature beetles in 99 million-year-old Myanmar amber. <i>Palaeoentomology</i> , 2021, 4, .	0.4	11



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2616	Sourceâ€‘sink dynamics assists the maintenance of a pollinating wasp. <i>Molecular Ecology</i> , 2021, 30, 4695-4707.	2.0	2
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2620	Mineral-Ecological Cropping Systemsâ€‘A New Approach to Improve Ecosystem Services by Farming without Chemical Synthetic Plant Protection. <i>Agronomy</i> , 2021, 11, 1710.	1.3	25
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2623	Pollinator decline: what do we know about the drivers of solitary bee declines?. <i>Current Opinion in Insect Science</i> , 2021, 46, 106-111.	2.2	34
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2628	A farm-level ecological-economic approach of the inclusion of pollination services in arable crop farms. <i>Land Use Policy</i> , 2021, 107, 105462.	2.5	6
2629	Capabilities and limitations of using DNA metabarcoding to study plantâ€‘pollinator interactions. <i>Molecular Ecology</i> , 2021, 30, 5266-5297.	2.0	22
2630	The importance of small natural features in forestsâ€‘How the overgrowth of forest gaps affects indigenous flower supply and flowerâ€‘visiting insects and seed sets of six <i>Campanula</i> species. <i>Ecology and Evolution</i> , 2021, 11, 11991-12002.	0.8	2
2631	Parallel evolution of <i>Varroa</i> resistance in honey bees: a common mechanism across continents?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211375.	1.2	17
2632	<i>Eristalis</i> flower flies can be mechanical vectors of the common trypanosome bee parasite, <i>Crithidia bombi</i> . <i>Scientific Reports</i> , 2021, 11, 15852.	1.6	9
2633	Socioecological Factors and Farmer Perceptions Impacting Pesticide Use and Pollinator Conservation on Cucurbit Farms. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	5
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2636	Negative effects of neonicotinoids on male honeybee survival, behaviour and physiology in the field. <i>Journal of Applied Ecology</i> , 2021, 58, 2515-2528.	1.9	13
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2638	Improved mitochondrial function corrects immunodeficiency and impaired respiration in neonicotinoid exposed bumblebees. <i>PLoS ONE</i> , 2021, 16, e0256581.	1.1	7
2639	Moths as potential pollinators in avocado ( <i>Persea americana</i> ) orchards in temperate regions. <i>New Zealand Journal of Crop and Horticultural Science</i> , 0, , 1-12.	0.7	2
2640	Biologically Active Extracts from Different Medicinal Plants Tested as Potential Additives against Bee Pathogens. <i>Antibiotics</i> , 2021, 10, 960.	1.5	5
2641	Contribution to the knowledge of the bee fauna (Hymenoptera, Apoidea, Anthophila) in Serbia. <i>ZooKeys</i> , 2021, 1053, 43-105.	0.5	2
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2643	Proximity to natural habitat and flower plantings increases insect populations and pollination services in South African apple orchards. <i>Journal of Applied Ecology</i> , 2021, 58, 2540-2551.	1.9	11
2644	Local ecological knowledge of beekeeping with stingless bees (Apidae: Meliponini) in Central Veracruz, Mexico. <i>Journal of Apicultural Research</i> , 2022, 61, 717-729.	0.7	5
2645	Apple pollination is ensured by wild bees when honey bees are drawn away from orchards by a mass co-flowering crop, oilseed rape. <i>Agriculture, Ecosystems and Environment</i> , 2021, 315, 107383.	2.5	34
2646	A simple method for ex vivo honey bee cell culture capable of in vitro gene expression analysis. <i>PLoS ONE</i> , 2021, 16, e0257770.	1.1	4
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2648	Decline in body size and female fraction in the grass snake ( <i>Natrix natrix</i> , Linnaeus 1758) population after 40 years (Southern Poland). <i>Environmental Science and Pollution Research</i> , 2022, 29, 8334-8340.	2.7	0
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2650	Real-time monitoring of deformed wing virus-infected bee foraging behavior following histone deacetylase inhibitor treatment. <i>IScience</i> , 2021, 24, 103056.	1.9	1
2651	Beescape: Characterizing user needs for environmental decision support in beekeeping. <i>Ecological Informatics</i> , 2021, 64, 101366.	2.3	5
2652	Physiological and Immunological Status of Adult Honeybees ( <i>Apis mellifera</i> ) Fed Sugar Syrup Supplemented with Pentadecapeptide BPC 157. <i>Biology</i> , 2021, 10, 891.	1.3	13

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2654	Seasonal Appearance, Abundance, and Host Preference of <i>Philaenus spumarius</i> and <i>Neophilaenus campestris</i> (Hemiptera: Aphrophoridae) in Olive Groves in Greece. <i>Environmental Entomology</i> , 2021, 50, 1474-1482.	0.7	7
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2656	Impacts of COVID-19 on Canadian Beekeeping: Survey Results and a Profitability Analysis. <i>Journal of Economic Entomology</i> , 2021, 114, 2245-2254.	0.8	3
2657	Flower colour and size signals differ depending on geographical location and altitude region. <i>Plant Biology</i> , 2021, 23, 905-914.	1.8	6
2658	Pollen limitation and xenia effects in a cultivated mass-flowering tree, <i>Macadamia integrifolia</i> (Proteaceae). <i>Annals of Botany</i> , 2022, 129, 135-146.	1.4	16
2659	The cell invasion preference of <i>Varroa destructor</i> between the original and new honey bee hosts. <i>International Journal for Parasitology</i> , 2021, 52, 125-125.	1.3	2
2660	How effective are artificial nests in attracting bees? A review. <i>Journal of Ecology and Environment</i> , 2021, 45, .	1.6	4
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2662	Ecosystem complexity enhances the resilience of plant-pollinator systems. <i>One Earth</i> , 2021, 4, 1286-1296.	3.6	9
2663	Vulnerability of island insect pollinator communities to pathogens. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107670.	1.5	2
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2667	Prevalence of potato viruses on potato ( <i>Solanum tuberosum</i> L.) grown in the Western Highlands of Cameroon. <i>Journal of Agriculture and Food Research</i> , 2021, 5, 100192.	1.2	5
2668	Do <i>Apis</i> and <i>non-Apis</i> bees provide a similar contribution to crop production with different levels of pollination dependency? A review using meta-analysis. <i>Ecological Entomology</i> , 2022, 47, 76-83.	1.1	6
2669	Pesticide residues in the pollen and nectar of oilseed rape ( <i>Brassica napus</i> L.) and their potential risks to honey bees. <i>Science of the Total Environment</i> , 2021, 786, 147443.	3.9	38
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2672	Spatiotemporal dynamics of insect pollinator communities in sagebrush steppe associated with weather and vegetation. <i>Global Ecology and Conservation</i> , 2021, 29, e01691.	1.0	4
2673	Resampling of wild bees across fifteen years reveals variable species declines and recoveries after extreme weather. <i>Agriculture, Ecosystems and Environment</i> , 2021, 317, 107470.	2.5	11
2674	Pollinators of the Great Plains: Disturbances, Stressors, Management, and Research Needs. <i>Rangeland Ecology and Management</i> , 2021, 78, 220-234.	1.1	15
2675	Maine's Bumble Bees (Hymenoptera: Apidae) Part 2: Comparisons of a Common ( <i>Bombus ternarius</i> ) and a Rare ( <i>Bombus terricola</i> ) Species. <i>Environmental Entomology</i> , 2021, , .	0.7	2
2676	A Comprehensive Review on Synthetic Insecticides: Toxicity to Pollinators, Associated Risk to Food Security, and Management Approaches. <i>Journal of Biosystems Engineering</i> , 2021, 46, 254-272.	1.2	10
2677	Resistance and Vulnerability of Honeybee ( <i>Apis mellifera</i> ) Gut Bacteria to Commonly Used Pesticides. <i>Frontiers in Microbiology</i> , 2021, 12, 717990.	1.5	16
2678	Crop genetic erosion: understanding and responding to loss of crop diversity. <i>New Phytologist</i> , 2022, 233, 84-118.	3.5	137
2679	Pollinators contribute to the maintenance of flowering plant diversity. <i>Nature</i> , 2021, 597, 688-692.	13.7	57
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2681	Habitat quality and connectivity in kettle holes enhance bee diversity in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107525.	2.5	10
2682	Pestisit Kullanma ve Bal Verimi Açzerine Etkisi; Panel Veri Analizi. <i>Kahramanmaraş S414t4S414 4. Ömam Açeniversitesi Tar4m Ve Do4ya Dergisi</i> , 0, , .	0.2	0
2683	Contrasting effects of past and present mass-flowering crop cultivation on bee pollinators shaping yield components in oilseed rape. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107537.	2.5	10
2684	Presence, persistence and distribution of thymol in honeybees and beehive compartments by high resolution mass spectrometry. <i>Environmental Advances</i> , 2021, 5, 100085.	2.2	6
2685	Impact of low temperatures on the immune system of honeybees. <i>Journal of Thermal Biology</i> , 2021, 101, 103082.	1.1	2
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2687	Proportion of commodity crop pollens and pesticide contamination in honey bee diets in two different landscapes. <i>Environmental Advances</i> , 2021, 5, 100116.	2.2	8
2688	Assessment of Woody Taxa Used in Urban Landscape in terms of Bee Plants Attributes; Artvin City Example. <i>Kahramanmaraş S414t4S414 4. Ömam Açeniversitesi Tar4m Ve Do4ya Dergisi</i> , 2022, 25, 986-998.	0.2	2

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2689	Role of floral strips and semi-natural habitats as enhancers of wild bee functional diversity in intensive agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107544.	2.5	11
2690	Improving the pollinator pantry: Restoration and management of open farmland ponds enhances the complexity of plant-pollinator networks. <i>Agriculture, Ecosystems and Environment</i> , 2021, 320, 107611.	2.5	6
2691	Can landscape level semi-natural habitat compensate for pollinator biodiversity loss due to farmland consolidation?. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107519.	2.5	25
2692	Species-specific landscape characterisation method in agro-ecosystems. <i>Ecological Indicators</i> , 2021, 129, 107894.	2.6	4
2693	Asynchrony between solitary bee emergence and flower availability reduces flower visitation rate and may affect offspring size. <i>Basic and Applied Ecology</i> , 2021, 56, 345-357.	1.2	4
2694	Chronic contact with imidacloprid during development may decrease female solitary bee foraging ability and increase male competitive ability for mates. <i>Chemosphere</i> , 2021, 283, 131177.	4.2	14
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2697	Beemon: An IoT-based beehive monitoring system. <i>Computers and Electronics in Agriculture</i> , 2021, 190, 106427.	3.7	35
2698	Solar energy development impacts flower-visiting beetles and flies in the Mojave Desert. <i>Biological Conservation</i> , 2021, 263, 109336.	1.9	16
2699	A common fungicide, Pristine <sup>®</sup> , impairs olfactory associative learning performance in honey bees ( <i>Apis mellifera</i> ). <i>Journal of Apiculture</i> , 2021, 90, 100000.	3.7	28
2700	High population density of bee pollinators increasing <i>Camelina sativa</i> (L.) Crantz seed yield: Implications on the potential risk for insect-mediated gene flow. <i>Industrial Crops and Products</i> , 2021, 172, 114001.	2.5	2
2701	Spatial configuration and landscape context of wildflower areas determine their benefits to pollinator $\alpha$ - and $\beta$ -diversity. <i>Basic and Applied Ecology</i> , 2021, 56, 335-344.	1.2	14
2702	Native flower strips increase visitation by non-bee insects to avocado flowers and promote yield. <i>Basic and Applied Ecology</i> , 2021, 56, 369-378.	1.2	13
2703	Landscape heterogeneity and forest cover shape cavity-nesting hymenopteran communities in a multi-scale perspective. <i>Basic and Applied Ecology</i> , 2021, 56, 239-249.	1.2	22
2704	Farmland heterogeneity is associated with gains in some ecosystem services but also potential trade-offs. <i>Agriculture, Ecosystems and Environment</i> , 2021, 322, 107661.	2.5	20
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2706	Risk and protective indicators of beekeeping management practices. <i>Science of the Total Environment</i> , 2021, 799, 149381.	3.9	13

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2710	Sectoral Impacts of Invasive Species in the United States and Approaches to Management. , 2021, , 203-229.		6
2711	Effects of Natural Habitat Loss and Edge Effects on Wild Bees and Pollination Services in Remnant Prairies. <i>Environmental Entomology</i> , 2021, 50, 732-743.	0.7	17
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2713	Shifts in honeybee foraging reveal historical changes in floral resources. <i>Communications Biology</i> , 2021, 4, 37.	2.0	31
2714	Invaderâ€™pollinator paradox: Invasive goldenrods benefit from large size pollinators. <i>Diversity and Distributions</i> , 2021, 27, 632-641.	1.9	6
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2716	Worldwide occurrence records suggest a global decline in bee species richness. <i>One Earth</i> , 2021, 4, 114-123.	3.6	246
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2718	Shrubs as magnets for pollination: A test of facilitation and reciprocity in a shrub-annual facilitation system. <i>Current Research in Insect Science</i> , 2021, 1, 100008.	0.8	4
2719	Conservation of Social Insects. , 2021, , 294-298.		0
2720	Supplying honey bees with waterers: a precautionary measure to reduce exposure to pesticides. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17573-17586.	2.7	6
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2723	OUP accepted manuscript. <i>Annals of the Entomological Society of America</i> , 2022, 115, 69-94.	1.3	4
2724	Wild bees as winners and losers: Relative impacts of landscape composition, quality, and climate. <i>Global Change Biology</i> , 2021, 27, 1250-1265.	4.2	48
2725	Vulnerability of Crop Pollination Ecosystem Services to Climate Change. <i>Springer Water</i> , 2020, , 223-247.	0.2	2
2726	Wild Pollinators in Arable Habitats: Trends, Threats and Opportunities. , 2020, , 187-201.		1

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2728	Invertebrates on Green Roofs. <i>Ecological Studies</i> , 2015, , 333-355.	0.4	24
2729	Environmental Impacts of Terrestrial Ecosystems. <i>Regional Climate Studies</i> , 2016, , 341-372.	1.2	2
2731	Plant-Pollinator Interactions: A Highly Evolved Synchrony at Risk Due to Climate Change. , 2013, , 295-302.		3
2733	Diseases and Enemies. , 2013, , 761-809.		1
2734	Manipulating Alien Plant Species Propagule Pressure as a Prevention Strategy for Protected Areas. , 2013, , 473-486.		5
2735	Ecological Novelty: Towards an Interdisciplinary Understanding of Ecological Change in the Anthropocene. , 2015, , 19-37.		11
2736	Indicators of Pollinator Decline and Pollen Limitation. , 2015, , 103-115.		4
2737	Beekeeping in Mongolia. , 2018, , 199-221.		1
2738	Honey: Types, Composition and Antimicrobial Mechanisms. , 2020, , 193-214.		1
2739	A world review of reported myiasis caused by flower flies (Diptera: Syrphidae), including the first case of human myiasis from <i>Palpada scutellaris</i> (Fabricius, 1805). <i>Parasitology Research</i> , 2020, 119, 815-840.	0.6	9
2740	Influence of landscape context on the abundance of native bee pollinators in tomato crops in Central Brazil. <i>Journal of Insect Conservation</i> , 2017, 21, 715-726.	0.8	21
2741	Evaluation of the importance of ornamental plants for pollinators in urban and suburban areas in Stuttgart, Germany. <i>Urban Ecosystems</i> , 2021, 24, 811-825.	1.1	14
2742	Understanding how changing soil nitrogen affects plant-pollinator interactions. <i>Arthropod-Plant Interactions</i> , 2019, 13, 671-684.	0.5	35
2743	Pollinators, Role of . , 2017, , .		4
2744	Increasing plant functional diversity is not the key for supporting pollinators in wildflower strips. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 144-155.	2.5	31
2745	Near-natural habitats near almond orchards with presence of empty gastropod shells are important for solitary shell-nesting bees and wasps. <i>Agriculture, Ecosystems and Environment</i> , 2020, 299, 106949.	2.5	5
2746	Forest fragments and natural vegetation patches within crop fields contribute to higher oilseed rape yields in Brazil. <i>Agricultural Systems</i> , 2020, 180, 102768.	3.2	14

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2927	Scarcity of ecosystem services: an experimental manipulation of declining pollination rates and its economic consequences for agriculture. PeerJ, 2016, 4, e2099.	0.9	14
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2930	Assessing pollinatorsâ€™ use of floral resource subsidies in agri-environment schemes: An illustration using <i>Phacelia tanacetifolia</i> and honeybees. PeerJ, 2016, 4, e2677.	0.9	15
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3247	Effective pollination of greenhouse Galia musk melon ( <i>Cucumis melo</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (var. <i>Cucumis melo</i> L.) 61, 664-674.	0.7	7
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3318	Precision glycerine jelly swab for removing pollen from small and fragile insect specimens. <i>Methods in Ecology and Evolution</i> , 2023, 14, 340-346.	2.2	1
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3326	Frontiers in effective control of problem parasites in beekeeping. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2022, 17, 263-272.	0.6	7
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3371	Pollen diet mediates how pesticide exposure impacts brain gene expression in nest-founding bumble bee queens. <i>Science of the Total Environment</i> , 2022, 833, 155216.	3.9	6
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3415	Honey as a bioindicator of environmental organochlorine insecticides contamination. <i>Brazilian Journal of Biology</i> , 2021, 83, e250373.	0.4	4
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3431	Influence of some insecticides on the abundance and foraging activates of broad bean bee pollinators. <i>Uludag Arıcılık Dergisi</i> , 0, , .	0.6	0
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3436	Dream Team for Honey Bee Health: Pollen and Unmanipulated Gut Microbiota Promote Worker Longevity and Body Weight. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	3
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3438	Biopesticides and insect pollinators: Detrimental effects, outdated guidelines, and future directions. <i>Science of the Total Environment</i> , 2022, 837, 155714.	3.9	26
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3447	A Checklist of the Bees of Massachusetts (Hymenoptera: Apoidea: Anthophila). <i>Journal of the Kansas Entomological Society</i> , 2022, 94, .	0.1	3
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3450	Role of management in the long-term provision of floral resources on farmland. <i>Agriculture, Ecosystems and Environment</i> , 2022, 335, 108004.	2.5	5
3451	Pollination ecology of lowbush blueberry ( <i>Vaccinium angustifolium</i> Aiton) in an island ecosystem. <i>Canadian Journal of Plant Science</i> , 0, , 1-12.	0.3	0
3452	Using acoustics and artificial intelligence to monitor pollination by insects and tree use by woodpeckers. <i>Science of the Total Environment</i> , 2022, 838, 155883.	3.9	11
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3471	No effect of dual exposure to sulfoxaflor and a trypanosome parasite on bumblebee olfactory learning. Scientific Reports, 2022, 12, .	1.6	7
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3484	A model of wild bee populations accounting for spatial heterogeneity and climate-induced temporal variability of food resources at the landscape level. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	0
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3486	What Are the Best Pollinator Candidates for <i>Camelia oleifera</i> : Do Not Forget Hoverflies and Flies. <i>Insects</i> , 2022, 13, 539.	1.0	2
3487	Towards Ecological Management and Sustainable Urban Planning in Seoul, South Korea: Mapping Wild Pollinator Habitat Preferences and Corridors Using Citizen Science Data. <i>Animals</i> , 2022, 12, 1469.	1.0	2
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3493	Efficiency and effectiveness of native bees and honey bees as pollinators of apples in New South Wales orchards. <i>Agriculture, Ecosystems and Environment</i> , 2022, 337, 108063.	2.5	14
3494	The other face of pollinating insects and their relationship to geminivirus transmission. , 2022, , 253-259.		0
3495	Global Land-Use Development Trends: Traditional Cultural Landscapes Under Threat. <i>Landscape Series</i> , 2022, , 129-199.	0.1	2
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3497	A New Isolated Fungus and its Pathogenicity to Brood of <i>Apis Mellifera</i> L. In China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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3500	Honeybee iflaviruses pack specific tRNA fragments from host cells in their virions. <i>ChemBioChem</i> , 0, , .	1.3	2
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3502	Colonisation Patterns of <i>Nosema ceranae</i> in the Azores Archipelago. <i>Veterinary Sciences</i> , 2022, 9, 320.	0.6	6

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3504	Climate change and altered fire regimes: impacts on plant populations, species, and ecosystems in both hemispheres. <i>Plant Ecology</i> , 0, , .	0.7	1
3505	Elevated inbreeding in <i>Heliconia tortuosa</i> is determined by tropical forest stand age, isolation and loss of hummingbird functional diversity. <i>Molecular Ecology</i> , 2022, 31, 4465-4477.	2.0	0
3506	Intraâ€“seasonal and daily variations in nectar availability affect bee assemblage in a monodominant afforested Brazilian Cerrado. <i>Austral Ecology</i> , 2022, 47, 1315-1328.	0.7	7
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3510	Alterations in the Microbiota of Caged Honeybees in the Presence of <i>Nosema ceranae</i> Infection and Related Changes in Functionality. <i>Microbial Ecology</i> , 2023, 86, 601-616.	1.4	7
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3514	Geographic distribution, diversity and conservation status of giant millipedes in southern Cameroon rainforest. <i>African Journal of Ecology</i> , 0, , .	0.4	0
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3516	Effects of Land-Use Change on the Pollination Services for Litchi and Longan Orchards: A Case Study of Huizhou, China. <i>Land</i> , 2022, 11, 1073.	1.2	2
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3519	Bumblebee queen mortality along roads increase with traffic. <i>Biological Conservation</i> , 2022, 272, 109643.	1.9	6
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3522	Combination of organic farming and flower strips in agricultural landscapes – A feasible method to maximise functional diversity of plant traits related to pollination. <i>Global Ecology and Conservation</i> , 2022, 38, e02229.	1.0	4
3523	Pollination service and soybean yields. <i>Acta Oecologica</i> , 2022, 116, 103846.	0.5	2
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3525	Recent progress on the recovery of bioactive compounds obtained from propolis as a natural resource: Processes, and applications. <i>Separation and Purification Technology</i> , 2022, 298, 121640.	3.9	10
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3532	Stingless bees in tropical dry forests: global context and challenges of an integrated conservation management. <i>Journal of Apicultural Research</i> , 2022, 61, 642-653.	0.7	3
3533	A Rapid and Easy Bioassay Method for Stingless Bees, <i>Tetragonula travancorica</i> Shanas and Faseeh. <i>Indian Journal of Entomology</i> , 0, , 1-4.	0.1	0
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3537	Effect Of Fenvalerate, Î-cyhalothrin, Quinalphos And Thiamethoxam On Larval Survival In Honey Bee <i>Apis mellifera</i> L. <i>Indian Journal of Entomology</i> , 0, , 49-53.	0.1	1
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3539	Citizen science monitoring reveals links between honeybee health, pesticide exposure and seasonal availability of floral resources. <i>Scientific Reports</i> , 2022, 12, .	1.6	1

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3541	Effects of Temperature and Wildflower Strips on Survival and Macronutrient Stores of the Alfalfa Leafcutting Bee (Hymenoptera: Megachilidae) Under Extended Cold Storage. <i>Environmental Entomology</i> , 0, , .	0.7	1
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3544	Overwintering in North American domesticated honeybees ( <i>Apis mellifera</i> ) causes mitochondrial reprogramming while enhancing cellular immunity. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	3
3545	Landscape influences genetic diversity but does not limit gene flow in a Neotropical pollinator. <i>Apidologie</i> , 2022, 53, .	0.9	2
3546	First detection of Lake Sinai virus in the Czech Republic: a potential member of a new species. <i>Archives of Virology</i> , 0, , .	0.9	3
3547	<i>Leucas aspera</i> (Willd.) A potential refuge for pollinators. <i>Journal of Insect Conservation</i> , 0, , .	0.8	0
3548	Wild vegetation and "farming with alternative pollinators" approach support pollinator diversity in farmland. <i>Journal of Applied Entomology</i> , 0, , .	0.8	1
3549	Insect herbivores drive sex allocation in angiosperm flowers. <i>Ecology Letters</i> , 2022, 25, 2177-2188.	3.0	2
3551	Assessment of the Potential of the Invasive Arboreal Plant <i>Ailanthus altissima</i> (Simaroubaceae) as an Economically Prospective Source of Natural Pesticides. <i>Diversity</i> , 2022, 14, 680.	0.7	2
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3553	Stability of crop pollinator occurrence is influenced by bee community composition. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	3
3555	Selection to attract pollinators and to confuse antagonists specializes fig "pollinator chemical communications. <i>Journal of Systematics and Evolution</i> , 2023, 61, 454-464.	1.6	2
3556	Artificial Nesting Hills Promote Wild Bees in Agricultural Landscapes. <i>Insects</i> , 2022, 13, 726.	1.0	4
3557	Stable pollination service in a generalist high Arctic community despite the warming climate. <i>Ecological Monographs</i> , 2023, 93, .	2.4	6
3558	Influence of Flowering Characteristics, Local Environment, and Daily Temperature on the Visits Paid by <i>Apis mellifera</i> to the Exotic Crop <i>Phacelia tanacetifolia</i> . <i>Sustainability</i> , 2022, 14, 10186.	1.6	0
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3563	Matrix dominance and landscape resistance affect genetic variability and differentiation of an Atlantic Forest pioneer tree. <i>Landscape Ecology</i> , 0, , .	1.9	0
3564	Effects of neonicotinoid seed treatments on wild bee populations in soybean and corn fields in eastern Ontario. <i>Agricultural and Forest Entomology</i> , 0, , .	0.7	0
3565	Artificial intelligence versus natural selection: Using computer vision techniques to classify bees and bee mimics. <i>IScience</i> , 2022, 25, 104924.	1.9	1
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3568	Acute toxicity of sublethal concentrations of thiacloprid and clothianidin to immune response and oxidative status of honey bees. <i>Apidologie</i> , 2022, 53, .	0.9	7
3569	Crushing corn pollen grains increased diet digestibility and hemolymph protein content while decreasing honey bee consumption. <i>Apidologie</i> , 2022, 53, .	0.9	5
3570	<i>Varroa destructor</i> in Portugal: an exploratory assessment of pyrethroids resistance status. <i>Journal of Apicultural Research</i> , 0, , 1-4.	0.7	0
3571	Genetic diversity of honeybee colonies predicts gut bacterial diversity of individual colony members. <i>Environmental Microbiology</i> , 2022, 24, 5643-5653.	1.8	1
3572	Greater bee diversity is needed to maintain crop pollination over time. <i>Nature Ecology and Evolution</i> , 2022, 6, 1516-1523.	3.4	8
3573	Stem-nesting Hymenoptera in Irish farmland: empirical evaluation of artificial trap nests as tools for fundamental research and pollinator conservation. <i>Journal of Pollination Ecology</i> , 0, 32, 110-123.	0.5	1
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3577	Hierarchical classification of pollinating flying insects under changing environments. <i>Ecological Informatics</i> , 2022, 70, 101751.	2.3	3
3578	Land cover and climate drive shifts in <i>Bombus</i> assemblage composition. <i>Agriculture, Ecosystems and Environment</i> , 2022, 339, 108113.	2.5	2

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3580	Transcriptomic analysis of Malpighian tubules from the stingless bee <i>Melipona scutellaris</i> reveals thiamethoxam-induced damages. <i>Science of the Total Environment</i> , 2022, 850, 158086.	3.9	0
3582	Backyard buzz: human population density modifies the value of vegetation cover for insect pollinators in a subtropical city. <i>Urban Ecosystems</i> , 0, , .	1.1	0
3583	Review on effects of some insecticides on honey bee health. <i>Pesticide Biochemistry and Physiology</i> , 2022, 188, 105219.	1.6	14
3584	Are really Nature-Based Solutions sustainable solutions to design future cities in a context of global change? Discussion about the vulnerability of these new solutions and their probable unsustainable implementation. <i>Science of the Total Environment</i> , 2022, 853, 158535.	3.9	1
3585	Biodiversity of Agriculturally Important Insects: Status, Issues, and Challenges. , 2022, , 243-283.		2
3586	speciesLink: rich data and novel tools for digital assessments of biodiversity. <i>Biota Neotropica</i> , 2022, 22, .	0.2	4
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3588	Estudiando los polinizadores en el contexto del huerto ecológico universitario: presentación de una SEA. , 2022, 19, .		0
3589	Effect of heavy metals on insects. , 2022, , 361-390.		0
3590	Pollinator research provides conservation management implications in North Dakota. <i>Agricultural and Environmental Letters</i> , 2022, 7, .	0.8	1
3592	Effects of dietary supplementation with abscisic acid on <i>Apis mellifera</i> colonies confined in overwintering nucleus: studies on the adult honey bee population, nose-mosis, and expression of nutrition- and immune-related genes. , 2022, 1, 16-26.		0
3593	Modern approaches for leveraging biodiversity collections to understand change in plant-insect interactions. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	4
3594	The FloRes Database: A floral resources trait database for pollinator habitat-assessment generated by a multistep workflow. <i>Biodiversity Data Journal</i> , 0, 10, .	0.4	3
3595	Extremely Low-Frequency Electromagnetic Field Impairs the Development of Honeybee ( <i>Apis cerana</i> ). <i>Animals</i> , 2022, 12, 2420.	1.0	4
3596	In vitro larval rearing method of eusocial bumblebee <i>Bombus terrestris</i> for toxicity test. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
3597	The Role of Biodiversity in Ecosystem Resilience. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1072, 012012.	0.2	1
3598	Assessment of acute and chronic toxicity of cyantranilprole and sulfoxaflor on honey bee ( <i>Apis</i> )	1.7	1

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3601	Rising temperatures threaten pollinators of fig trees—Keystone resources of tropical forests. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	3
3602	Plants, pollinators and their interactions under global ecological change: The role of pollen <sc>DNA</sc> metabarcoding. <i>Molecular Ecology</i> , 2023, 32, 6345-6362.	2.0	15
3603	The potential for floral evolution in response to competing selection pressures following the loss of hawkmoth pollination in <i>Ruellia humilis</i> . <i>American Journal of Botany</i> , 2022, 109, 1875-1892.	0.8	5
3604	Impact of climate change on parasite infection of an important pollinator depends on host genotypes. <i>Global Change Biology</i> , 2023, 29, 69-80.	4.2	8
3605	Dietary phytochemicals alter hypopharyngeal gland size in honey bee ( <i>Apis mellifera</i> L.) workers. <i>Heliyon</i> , 2022, 8, e10452.	1.4	4
3607	Does IPPM bear fruit? Evaluating reduced-risk insecticide programmes on pests, pollinators and marketable yield. <i>Journal of Applied Ecology</i> , 2022, 59, 2993-3002.	1.9	3
3608	Sperm characteristics of Africanized honey bee ( <i>Apis mellifera</i> L.) drones during dry and wet seasons in the Caatinga biome. <i>Journal of Apicultural Research</i> , 0, , 1-8.	0.7	4
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3610	Measuring changes in financial and ecosystems service outcomes with simulated grassland restoration in a Corn Belt watershed. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	1
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3612	Landscape Diversity Enhances Climate Change Resilience: A Review. <i>International Research Journal of Multidisciplinary Technovation</i> , 0, , 8-17.	0.0	1
3613	Apple orchards feed honey bees during, but even more so after, bloom. <i>Ecosphere</i> , 2022, 13, .	1.0	4
3614	Current status of meliponiculture and its cultural importance in the Western Ghats, India. <i>Journal of Apicultural Research</i> , 0, , 1-11.	0.7	2
3615	Fertility costs of cryptic viral infections in a model social insect. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
3617	Agricultural intensification with seasonal fallow land promotes high bee diversity in Afrotropical drylands. <i>Journal of Applied Ecology</i> , 2022, 59, 3014-3026.	1.9	5
3618	The Effects of Climate Change on Animal Nutrition, Production and Product Quality and Solution Suggestions. <i>Black Sea Journal of Agriculture</i> , 2022, 5, 491-509.	0.1	0



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3621	Protected areas and the future of insect conservation. <i>Trends in Ecology and Evolution</i> , 2023, 38, 85-95.	4.2	44
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3623	Field-realistic acute exposure to glyphosate-based herbicide impairs fine-color discrimination in bumblebees. <i>Science of the Total Environment</i> , 2023, 857, 159298.	3.9	10
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3625	Editorial: The decline of wild bees: Causes and consequences. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	4
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3628	A global review demonstrating the importance of nocturnal pollinators for crop plants. <i>Journal of Applied Ecology</i> , 0, , .	1.9	11
3629	A matter of the beehive sound: Can honey bees alert the pollution out of their hives?. <i>Environmental Science and Pollution Research</i> , 2023, 30, 16266-16276.	2.7	2
3630	Diet and pheromones interact to shape honey bee ( <i>Apis mellifera</i> ) worker physiology. <i>Journal of Insect Physiology</i> , 2022, 143, 104442.	0.9	4
3631	Farmers' varieties to increase nutritional security, eco-system resiliency and farmers' income. , 2021, 91, .		0
3632	Effects of Climate Change on Insect Pollinators and Implications for Food Security—Evidence and Recommended Actions. , 2022, , 143-163.		1
3633	Insect Pollinators and Hybrid Seed Production: Relevance to Climate Change and Sustainability. , 2022, , 265-283.		0
3634	Supplemental artificial pollination can improve fruit set in tree fruit. <i>Acta Horticulturae</i> , 2022, , 121-128.	0.1	1
3635	<sc>BeeDNA</sc>: Microfluidic environmental <sc>DNA</sc> metabarcoding as a tool for connecting plant and pollinator communities. <i>Environmental DNA</i> , 2023, 5, 191-211.	3.1	11
3636	Effects of trunk injection with emamectin benzoate on arthropod diversity. <i>Pest Management Science</i> , 2023, 79, 935-946.	1.7	4

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3638	A Flashforward Look into Solutions for Fruit and Vegetable Production. <i>Genes</i> , 2022, 13, 1886.	1.0	0
3640	First Detection of Honeybee Pathogenic Viruses in Butterflies. <i>Insects</i> , 2022, 13, 925.	1.0	1
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3643	Review on the sublethal effects of pure and formulated glyphosate on bees: Emphasis on social bees. <i>Journal of Applied Entomology</i> , 2023, 147, 1-18.	0.8	1
3644	Biotic interactions prior to seed dispersal determine recruitment probability of peyote ( <i>Lophophora</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	0
3645	The Impact of the Honeybee <i>Apis mellifera</i> on the Organization of Pollination Networks Is Positively Related with Its Interactive Role throughout Its Geographic Range. <i>Diversity</i> , 2022, 14, 917.	0.7	3
3646	Double-blind validation of alternative wild bee identification techniques: DNA metabarcoding and in vivo determination in the field. <i>Journal of Hymenoptera Research</i> , 0, 93, 189-214.	0.8	4
3647	Historical records of plant-insect interactions in subarctic Finland. <i>BMC Research Notes</i> , 2022, 15, .	0.6	1
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3649	Land Use Impacts on Diversity and Abundance of Insect Species. , 0, , .		0
3651	Effects of landscape composition on hoverflies (Diptera: Syrphidae) in mass-flowering crop fields within forest-dominated landscapes. <i>Journal of Insect Conservation</i> , 2022, 26, 907-918.	0.8	1
3652	Ternary network models for disturbed ecosystems. <i>Royal Society Open Science</i> , 2022, 9, .	1.1	3
3653	Installing Flower Strips to Promote Pollinators in Simplified Agricultural Landscapes: Comprehensive Viability Assessment in Sunflower Fields. <i>Land</i> , 2022, 11, 1720.	1.2	0
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3655	Toward evidence-based decision support systems to optimize pollination and yields in highbush blueberry. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	7
3657	Effect of ozone exposure on the foraging behaviour of <i>Bombus terrestris</i> . <i>Environmental Pollution</i> , 2023, 316, 120573.	3.7	9
3658	Response of bee and hoverfly populations to a land-use gradient in a Quebec floodplain. <i>Journal of Insect Conservation</i> , 2022, 26, 919-932.	0.8	2

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3660	Conservation value of traditional meadow irrigation for carabid beetles. <i>Ecological Indicators</i> , 2022, 144, 109553.	2.6	0
3661	Honey Bee Genome Editing. , 2022, , 359-374.		0
3662	Characterizing user needs for Beescape: A spatial decision support tool focused on pollinator health. <i>Journal of Environmental Management</i> , 2023, 325, 116416.	3.8	2
3663	Landscape structure shapes the diversity of plant reproductive traits in agricultural landscapes in the Brazilian Cerrado. <i>Agriculture, Ecosystems and Environment</i> , 2023, 341, 108216.	2.5	9
3664	Favourite plants of wild bees. <i>Agriculture, Ecosystems and Environment</i> , 2023, 342, 108266.	2.5	10
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3666	A large-scale dataset reveals taxonomic and functional specificities of wild bee communities in urban habitats of Western Europe. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
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3668	Field-realistic concentrations of a neonicotinoid insecticide influence socially regulated brood development in a bumblebee. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	3
3669	The adverse impact on lifespan, immunity, and forage behavior of worker bees ( <i>Apis mellifera</i> Linnaeus) Tj ETQq0 0.0.rgBT /Overlock 10 3.9		5
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3671	Ornamental roses for conservation of leafcutter bee pollinators. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
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3673	Uses and benefits of algae as a nutritional supplement for honey bees. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	2
3674	Population Genomics for Insect Conservation. <i>Annual Review of Animal Biosciences</i> , 2023, 11, 115-140.	3.6	13
3675	Distance and Regional Effects on the Value of Wild Bee Conservation. <i>Environmental and Resource Economics</i> , 2023, 84, 37-63.	1.5	2
3676	Ecological Drivers and Consequences of Bumble Bee Body Size Variation. <i>Environmental Entomology</i> , 0, , .	0.7	3

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3678	The Influence of Plant Species, Origin and Color of Garden Nursery Flowers on the Number and Composition of Pollinating Insect Visitors. Journal of Agricultural and Urban Entomology, 2022, 38, .	0.6	2
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3683	Sociality is a key driver of foraging ranges in bees. Current Biology, 2022, 32, 5390-5397.e3.	1.8	20
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3686	A global assessment of the species composition and effectiveness of watermelon pollinators and the management strategies to inform effective pollination service delivery. Basic and Applied Ecology, 2023, 66, 50-62.	1.2	3
3687	Simulated pollinator decline has similar effects on seed production of female and hermaphrodite <i>Lobelia siphilitica</i> , but different effects on selection on floral traits. American Journal of Botany, 2023, 110, .	0.8	3
3688	Pollen meta-barcoding reveals different community structures of foraged plants by honeybees ( <i>Apis</i> ) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	2.3	2
3689	Population genetic diversity and dynamics of the honey bee brood pathogen <i>Melissococcus plutonius</i> in a region with high prevalence. Journal of Invertebrate Pathology, 2023, 196, 107867.	1.5	2
3690	Negative but antagonistic effects of neonicotinoid insecticides and ectoparasitic mites <i>Varroa destructor</i> on <i>Apis mellifera</i> honey bee food glands. Chemosphere, 2023, 313, 137535.	4.2	3
3691	Aridity mediates the effect of wood extraction on the reproductive output of an endemic disturbance-adapted woody species ( <i>Cenostigma microphyllum</i> , Leguminosae) in the Caatinga dry forest. Austral Ecology, 2023, 48, 251-265.	0.7	1
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3698	Smaller, more diverse and on the way to the top: Rapid community shifts of montane wild bees within an extraordinary hot decade. <i>Diversity and Distributions</i> , 2023, 29, 272-288.	1.9	3
3699	When less is more: Visitation by generalist pollinators can have neutral or negative effects on plant reproduction. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	3
3700	The effect of annual flower strips on pollinator visitation and fruit set of avocado ( <i>Persea americana</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	1
3701	A checklist of South Dakota bumble bees (Hymenoptera, Apidae). <i>Journal of Hymenoptera Research</i> , 0, 94, 271-286.	0.8	1
3702	A metabarcoding framework for wild bee assessment in Luxembourg. <i>Journal of Hymenoptera Research</i> , 0, 94, 215-246.	0.8	1
3703	Analyzing the Beehive's Sound to Monitor the Presence of the Queen Bee. , 2022, , .		0
3704	Ecosystem services assessment from capacity to flow: A review. , 2023, 1, 80-93.		3
3705	The ecological drivers and consequences of wildlife trade. <i>Biological Reviews</i> , 2023, 98, 775-791.	4.7	10
3706	Can Molecularly Engineered Plant Galls Help to Ease the Problem of World Food Shortage (and Our) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.9	2
3707	A comparative transcriptome analysis of the head of 1 and 9 days old worker honeybees ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	1
3709	Effects of larval exposure to the insecticide flumethrin on the development of honeybee ( <i>Apis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	0
3710	Historic DNA uncovers genetic effects of climate change and landscape alteration in two wild bee species. <i>Conservation Genetics</i> , 2023, 24, 85-98.	0.8	3
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3713	Program Evaluation of a Workshop on Prairie Strips for Farm Advisors: Framing the Co-Occurring Outcomes of Low Knowledge Acquisition and High Confidence. <i>Horticulturae</i> , 2022, 8, 1215.	1.2	1
3714	Landscape or local? Distinct responses of flower visitor diversity and interaction networks to different land use scales in agricultural tropical highlands. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	3
3715	Insects as Crop Pollinators. , 2023, , 37-64.		0

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3717	Fine-scale assessment of <i>Chlorella</i> syrup as a nutritional supplement for honey bee colonies. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
3718	Comprehensive investigation and regulatory function of lncRNAs engaged in western honey bee larval immune response to <i>Ascosphaera apis</i> invasion. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5
3719	Characterisation of the heat shock protein Tid and its involvement in stress response regulation in <i>Apis cerana</i> . <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1
3720	Mediating a host cell signaling pathway linked to overwinter mortality offers a promising therapeutic approach for improving bee health. <i>Journal of Advanced Research</i> , 2023, 53, 99-114.	4.4	0
3722	Physiochemical parameters of <i>Apis cerana indica</i> honey as an indicator of bee nutritional status in an anthropogenically managed urban habitat. <i>International Journal of Tropical Insect Science</i> , 0, , .	0.4	0
3723	Plant species richness and sunlight exposure increase pollinator attraction to pollinator gardens. <i>Ecosphere</i> , 2022, 13, .	1.0	0
3724	When should bees be flower constant? An agent-based model highlights the importance of social information and foraging conditions. <i>Journal of Animal Ecology</i> , 2023, 92, 580-593.	1.3	6
3725	The Influence of Body Weight on Semen Parameters in <i>Apis mellifera</i> Drones. <i>Insects</i> , 2022, 13, 1141.	1.0	4
3726	The effects of some insecticides on honeybees ( <i>Apis mellifera</i> ). <i>Israel Journal of Ecology and Evolution</i> , 2022, 69, 37-43.	0.2	1
3727	Pollinator interaction with selected â€weedsâ€™ flora, Asteraceae, in the context of land use. <i>Oriental Insects</i> , 2023, 57, 935-950.	0.1	2
3728	Climate Change and Global Insect Dynamics. , 2022, , 335-351.		0
3729	Archivesâ€™ combined palynological, genomic and lipid analysis of medieval wax seals. <i>Heritage Science</i> , 2023, 11, .	1.0	0
3730	Nationwide genomic surveillance reveals the prevalence and evolution of honeybee viruses in China. <i>Microbiome</i> , 2023, 11, .	4.9	12
3731	Insect biomass density: measurement of seasonal and daily variations using an entomological optical sensor. <i>Applied Physics B: Lasers and Optics</i> , 2023, 129, .	1.1	6
3732	Intercropping with <i>Pigeonpea</i> ( <i>Cajanus cajan</i> L. Millsp.): An Assessment of Its Influence on the Assemblage of Pollinators and Yield of Neighbouring Non-Leguminous Crops. <i>Life</i> , 2023, 13, 193.	1.1	2
3733	A national survey of managed honey bee colony losses in the USA: results from the Bee Informed Partnership for 2017â€“18, 2018â€“19, and 2019â€“20. <i>Journal of Apicultural Research</i> , 2023, 62, 429-443.	0.7	21
3734	Bumblebees sense rootstock-mediated nutrition and fertilization regime in tomato. <i>Plant and Soil</i> , 2023, 486, 293-306.	1.8	0

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3737	Bumble Bee Avoidance of Argentine Ants and Associated Chemical Cues. <i>Journal of Insect Behavior</i> , 2023, 36, 20-32.	0.4	1
3738	Cascading effects of livestock grazing on insect functional groups associated to flowers in arid lands. <i>Agricultural and Forest Entomology</i> , 0, , .	0.7	1
3739	Using physiology to better support wild bee conservation. , 2023, 11, .		1
3740	The Grassland Fragmentation Experiment in the Swiss Jura Mountains: A Synthesis. <i>Diversity</i> , 2023, 15, 130.	0.7	2
3741	Impact of land use patterns on bee communities in the north of CÔte d'Ivoire (West Africa). <i>African Journal of Ecology</i> , 0, , .	0.4	1
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3744	Protected areas support more species than unprotected areas in Great Britain, but lose them equally rapidly. <i>Biological Conservation</i> , 2023, 278, 109884.	1.9	9
3745	Semi-natural habitat of gullies mediates the spatiotemporal pattern of beneficial insects in an agricultural watershed in Northeast China. <i>Agriculture, Ecosystems and Environment</i> , 2023, 345, 108340.	2.5	0
3746	Hedgerows have contrasting effects on pollinators and natural enemies and limited spillover effects on apple production. <i>Agriculture, Ecosystems and Environment</i> , 2023, 346, 108364.	2.5	9
3747	Entomopatogen FunguslarÄ±n <i>Bombus terrestris</i> ArÄ±larÄ±nÄ±n Besin Tercihine Etkisi. , 0, , .		0
3748	Molecular Diagnostic Survey of Honey Bee, <i>Apis mellifera</i> L., Pathogens and Parasites from Arkansas, USA. <i>Journal of Apicultural Science</i> , 2022, 66, 149-158.	0.1	1
3749	Spatio-Temporal Variations in Pollen Limitation and Floral Traits of an Alpine Lousewort ( <i>Pedicularis</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	2
3751	The nonlinear change in pollinator assemblages and self-mating syndromes of <i>Primula atrodentata</i> along elevation gradients. <i>Journal of Plant Ecology</i> , 0, , .	1.2	1
3752	A novel farmland wildflower seed mix attracts a greater abundance and richness of pollinating insects than standard mixes. <i>Insect Conservation and Diversity</i> , 2023, 16, 190-204.	1.4	6
3753	Recent and future declines of a historically widespread pollinator linked to climate, land cover, and pesticides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	30
3754	A checklist of the bees (Hymenoptera: Apoidea) of Manitoba, Canada. <i>Canadian Entomologist</i> , 2023, 155, .	0.4	6

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3756	Pollination by Wild and Managed Animal Vectors. , 2023, , 527-548.		0
3757	Quality Influencing Factors and Disease Resistance in Queen of <i>Apis mellifera</i> (Hymenoptera: Apidae). , 2023, , 83-110.		0
3758	Crude Extracts of <i>Talaromyces</i> Strains (Ascomycota) Affect Honey Bee ( <i>Apis mellifera</i> ) Resistance to Chronic Bee Paralysis Virus. <i>Viruses</i> , 2023, 15, 343.	1.5	1
3759	Toxicology, histophysiological and nutritional changes in <i>Apis mellifera</i> (Hymenoptera: Apidae) submitted to limonene and natural pesticides in comparison to synthetic pesticides. <i>Journal of Apicultural Research</i> , 0, , 1-12.	0.7	2
3761	Using environmental <i>scpd</i> DNA to investigate avian interactions with flowering plants. <i>Environmental DNA</i> , 2023, 5, 462-475.	3.1	4
3762	<i>Cuphea hyssopifolia</i> Kunth: A Potential Plant for Conserving Insect Pollinators in Shivalik Foot Hills of Himalaya. <i>The National Academy of Sciences, India</i> , 2023, 46, 137-142.	0.8	1
3763	Meta-analysis of genetic diversity and intercolony relatedness among reproductives in commercial honey bee populations. <i>Frontiers in Insect Science</i> , 0, 3, .	0.9	0
3764	A Low-Cost, Low-Power, Multisensory Device and Multivariable Time Series Prediction for Beehive Health Monitoring. <i>Sensors</i> , 2023, 23, 1407.	2.1	3
3765	Spatiotemporal distancing of crops reduces pest pressure while maintaining conservation biocontrol in oilseed rape. <i>Pest Management Science</i> , 0, , .	1.7	7
3766	“Linear scaling” negative effects of invasive <i>Spiraea tomentosa</i> (Rosaceae) on wetland plants and pollinator communities. <i>NeoBiota</i> , 0, 81, 63-90.	1.0	0
3767	Increased survival of honey bees consuming pollen and beebread is associated with elevated biomarkers of oxidative stress. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	2
3768	Long-term spatiotemporal patterns in the number of colonies and honey production in Mexico. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
3769	Climate Change Impact on Honeybees ( <i>Apis</i> spp.) and Their Pollination Services. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2023, , 147-173.	0.3	0
3770	Economic Benefits of Using Essential Oils in Food Stimulation Administrated to Bee Colonies. <i>Agriculture (Switzerland)</i> , 2023, 13, 594.	1.4	2
3771	Crop-Specific Effects on Pan-Trap Sampling of Potential Pollinators as Influenced by Trap Color and Location. <i>Agronomy</i> , 2023, 13, 552.	1.3	1
3772	Do Patches of Flowering Plants Enhance Insect Pollinators in Apple Orchards?. <i>Insects</i> , 2023, 14, 208.	1.0	3
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3775	Behavioural impairments, foraging behaviour and brood development of <i>Apis mellifera</i> L. (Hymenoptera: Apidae) driven by air pollutants particulate matter in agro-industrial ecosystem. Journal of Apicultural Research, 2024, 63, 189-198.	0.7	1
3776	Presence and distribution of pests and diseases of <i>Apis mellifera</i> (Hymenoptera: Apidae) in Mexico: a review. , 2023, 90, 224-236.		3
3777	Urbanization and abundance of floral resources affect bee communities in medium-sized neotropical cities. Austral Ecology, 2024, 49, .	0.7	2
3778	The Neonicotinoid Imidacloprid Impairs Learning, Locomotor Activity Levels, and Sucrose Solution Consumption in Bumblebees ( <i>Bombus terrestris</i> ). Environmental Toxicology and Chemistry, 2023, 42, 1337-1345.	2.2	1
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3782	Co-producing agricultural policy with beekeepers: Obstacles and opportunities. Land Use Policy, 2023, 128, 106603.	2.5	6
3783	Spatiotemporal availability of pollinator attractive trees in a tropical streetscape: unequal distribution for pollinators and people. Urban Forestry and Urban Greening, 2023, 83, 127900.	2.3	5
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3786	Wild plants in hedgerows and weeds in crop fields are important floral resources for wild flower-visiting insects, independently of the presence of intercrops. Agriculture, Ecosystems and Environment, 2023, 348, 108410.	2.5	4
3787	Managed and unmanaged floral margins for the conservation of bee communities in intensive agricultural areas. Journal for Nature Conservation, 2023, 73, 126396.	0.8	1
3788	Effectiveness landscape of crop pollinator assemblages: Implications to pollination service management. Agriculture, Ecosystems and Environment, 2023, 348, 108417.	2.5	3
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3790	Impact of oilseed rape coverage and other agricultural landscape characteristics on two generations of the red mason bee <i>Osmia bicornis</i> . Agriculture, Ecosystems and Environment, 2023, 352, 108514.	2.5	2
3791	Cascading effects of management and landscape on insect pollinators, pollination services and yield in apple orchards. Agriculture, Ecosystems and Environment, 2023, 352, 108509.	2.5	2
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3793	Population status and habitat suitability of <i>Vatica chinensis</i> L., an endangered Dipterocarp from the Western Ghats, India. <i>Biodiversity Research and Conservation</i> , 2022, 67, 21-32.	0.2	0
3794	Considering variation in bee responses to stressors can reveal potential for resilience. <i>Journal of Applied Ecology</i> , 2023, 60, 1435-1445.	1.9	2
3795	Pollination of urban meadows – Plant reproductive success and urban-related factors influencing frequency of pollinators visits. <i>Urban Forestry and Urban Greening</i> , 2023, 84, 127944.	2.3	1
3796	Perception and adaptation strategies of forest dwellers to climate variability in the tropical rainforest in eastern Cameroon: The case of the inhabitants of the Belabo-Diang Communal Forest. <i>Heliyon</i> , 2023, 9, e15544.	1.4	1
3797	Role of the tyrosine aminotransferase AccTATN gene in the response to pesticide and heavy metal stress in <i>Apis cerana cerana</i> . <i>Pesticide Biochemistry and Physiology</i> , 2023, 191, 105372.	1.6	1
3798	Mixture toxic effects of thiacloprid and cyproconazole on honey bees ( <i>Apis mellifera</i> L.). <i>Science of the Total Environment</i> , 2023, 870, 161700.	3.9	9
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