

Rod Peakall

List of Publications by Citations

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181
papers

27,491
citations

50
h-index

165
g-index

187
ext. papers

31,226
ext. citations

4.4
avg, IF

7.83
L-index

#	Paper	IF	Citations
181	genalex 6: genetic analysis in Excel. Population genetic software for teaching and research. <i>Molecular Ecology Notes</i> , 2006 , 6, 288-295		10090
180	GenALEx 6.5: genetic analysis in Excel. Population genetic software for teaching and research--an update. <i>Bioinformatics</i> , 2012 , 28, 2537-9	7.2	8361
179	Spatial autocorrelation analysis of individual multiallele and multilocus genetic structure. <i>Heredity</i> , 1999 , 82 (Pt 5), 561-73	3.6	857
178	RAPD variation within and among natural populations of outcrossing buffalograss [<i>Buchloa dactyloides</i> (Nutt.) Engelm]. <i>Theoretical and Applied Genetics</i> , 1993 , 86, 927-34	6	567
177	Spatial autocorrelation analysis offers new insights into gene flow in the Australian bush rat, <i>Rattus fuscipes</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 1182-95	3.8	416
176	Cross-species amplification of soybean (<i>Glycine max</i>) simple sequence repeats (SSRs) within the genus and other legume genera: implications for the transferability of SSRs in plants. <i>Molecular Biology and Evolution</i> , 1998 , 15, 1275-87	8.3	334
175	Evolutionary implications of allozyme and RAPD variation in diploid populations of dioecious buffalograss <i>Buchloa dactyloides</i> . <i>Molecular Ecology</i> , 1995 , 4, 135-148	5.7	310
174	The chemistry of sexual deception in an orchid-wasp pollination system. <i>Science</i> , 2003 , 302, 437-8	33.3	264
173	Pollinator-driven ecological speciation in plants: new evidence and future perspectives. <i>Annals of Botany</i> , 2014 , 113, 199-211	4.1	162
172	Comparative analysis of genetic diversity in the mangrove species <i>Avicennia marina</i> (Forsk.) Vierh. (<i>Avicenniaceae</i>) detected by AFLPs and SSRs. <i>Theoretical and Applied Genetics</i> , 2002 , 104, 388-398	6	158
171	Pollinator specificity, floral odour chemistry and the phylogeny of Australian sexually deceptive <i>Chiloglottis</i> orchids: implications for pollinator-driven speciation. <i>New Phytologist</i> , 2010 , 188, 437-50	9.8	152
170	Dispersal, philopatry, and infidelity: dissecting local genetic structure in superb fairy-wrens (<i>Malurus cyaneus</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 625-35	3.8	152
169	How does ecological disturbance influence genetic diversity?. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 670-9	10.9	150
168	Responses of Male <i>Zaspilothynnus trilobatus</i> Turner Wasps to Females and the Sexually Deceptive Orchid it Pollinates. <i>Functional Ecology</i> , 1990 , 4, 159	5.6	150
167	Evaluation of the Contribution of Genetic Research to the Management of the Endangered Plant <i>Zieria prostrata</i> . <i>Conservation Biology</i> , 1999 , 13, 514-522	6	145
166	DISPERSAL, PHILOPATRY, AND INFIDELITY: DISSECTING LOCAL GENETIC SWSTRUCTURE IN SUPERB FAIRY-WRENS (<i>MALURUS CYANEUS</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 625-635	3.8	140
165	Chloroplast simple sequence repeats (cpSSRs): technical resources and recommendations for expanding cpSSR discovery and applications to a wide array of plant species. <i>Molecular Ecology Resources</i> , 2009 , 9, 673-90	8.4	139

164	A heterogeneity test for fine-scale genetic structure. <i>Molecular Ecology</i> , 2008 , 17, 3389-400	5.7	138
163	Genetic spatial autocorrelation can readily detect sex-biased dispersal. <i>Molecular Ecology</i> , 2012 , 21, 2092-2105	5.7	137
162	DOES SELECTION ON FLORAL ODOR PROMOTE DIFFERENTIATION AMONG POPULATIONS AND SPECIES OF THE SEXUALLY DECEPTIVE ORCHID GENUS OPHRYS?. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 1449-1463	3.8	127
161	ECOLOGICAL AND GENETIC CONSEQUENCES OF POLLINATION BY SEXUAL DECEPTION IN THE ORCHID CALADENIA TENTACTULATA. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 2207-2220	3.8	113
160	Inference of higher-order conifer relationships from a multi-locus plastid data set This paper is one of a selection of papers published in the Special Issue on Systematics Research.. <i>Botany</i> , 2008 , 86, 658-669	3.8	97
159	Extensive clonality in the endangered shrub <i>Haloragodendron lucasii</i> (Haloragaceae) revealed by allozymes and RAPDs. <i>Molecular Ecology</i> , 1998 , 7, 87-93	5.7	93
158	Comparative genetic study confirms exceptionally low genetic variation in the ancient and endangered relictual conifer, <i>Wollemia nobilis</i> (Araucariaceae). <i>Molecular Ecology</i> , 2003 , 12, 2331-43	5.7	89
157	POLLINATORS DISCRIMINATE AMONG FLORAL HEIGHTS OF A SEXUALLY DECEPTIVE ORCHID: IMPLICATIONS FOR SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1993 , 47, 1681-1687	3.8	86
156	Breeding system, genetic diversity and clonal structure in the sub-alpine forb <i>Rutidosia leiolepis</i> F. Muell. (Asteraceae). <i>Biological Conservation</i> , 2002 , 106, 71-78	6.2	85
155	A phylogenetic study of pollinator conservatism among sexually deceptive orchids. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 888-98	3.8	84
154	Short tandem repeat (STR) DNA markers are hypervariable and informative in <i>Cannabis sativa</i> : implications for forensic investigations. <i>Forensic Science International</i> , 2003 , 131, 65-74	2.6	84
153	A new technique for monitoring pollen flow in orchids. <i>Oecologia</i> , 1989 , 79, 361-5	2.9	81
152	Implications of pollination by food and sexual deception for pollinator specificity, fruit set, population genetics and conservation of <i>Caladenia</i> (Orchidaceae). <i>Australian Journal of Botany</i> , 2009 , 57, 287	1.2	80
151	Amplified fragment length polymorphism (AFLP) reveals introgression in weedy <i>Onopordum</i> thistles: hybridization and invasion. <i>Molecular Ecology</i> , 1999 , 8, 1239-46	5.7	79
150	Discovery of pyrazines as pollinator sex pheromones and orchid semiochemicals: implications for the evolution of sexual deception. <i>New Phytologist</i> , 2014 , 203, 939-52	9.8	74
149	Analysis of genetic structure of blacklip abalone (<i>Haliotis rubra</i>) populations using RAPD, minisatellite and microsatellite markers. <i>Marine Biology</i> , 2000 , 136, 207-216	2.5	74
148	THE GENETIC CONSEQUENCES OF WORKER ANT POLLINATION IN A SELF-COMPATIBLE, CLONAL ORCHID. <i>Evolution; International Journal of Organic Evolution</i> , 1991 , 45, 1837-1848	3.8	74
147	New perspectives on the evolution of plant mating systems. <i>Annals of Botany</i> , 2012 , 109, 493-503	4.1	73

146	Ecological and Genetic Consequences of Pollination by Sexual Deception in the Orchid <i>Caladenia tentaculata</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 2207	3.8	73
145	A simple method for the detection of size homoplasy among amplified fragment length polymorphism fragments. <i>Molecular Ecology</i> , 2000 , 9, 815-6	5.7	65
144	The unique pollination of <i>Leporella fimbriata</i> (Orchidaceae): Pollination by pseudocopulating male ants (<i>Myrmecia urens</i> , Formicidae). <i>Plant Systematics and Evolution</i> , 1989 , 167, 137-148	1.3	65
143	The discovery of 2,5-dialkylcyclohexan-1,3-diones as a new class of natural products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8877-82	11.5	64
142	Caught in the act: pollination of sexually deceptive trap-flowers by fungus gnats in <i>Pterostylis</i> (Orchidaceae). <i>Annals of Botany</i> , 2014 , 113, 629-41	4.1	62
141	Social constraint and an absence of sex-biased dispersal drive fine-scale genetic structure in white-winged choughs. <i>Molecular Ecology</i> , 2008 , 17, 4346-58	5.7	61
140	DNA profiling techniques for plant variety identification. <i>Australian Journal of Experimental Agriculture</i> , 1995 , 35, 807		61
139	Pollination by sexual deception-it takes chemistry to work. <i>Current Opinion in Plant Biology</i> , 2016 , 32, 37-46	9.9	61
138	Floral odour chemistry defines species boundaries and underpins strong reproductive isolation in sexually deceptive orchids. <i>Annals of Botany</i> , 2014 , 113, 341-55	4.1	60
137	Low population genetic differentiation in the Orchidaceae: implications for the diversification of the family. <i>Molecular Ecology</i> , 2012 , 21, 5208-20	5.7	59
136	A narrow group of monophyletic <i>Tulasnella</i> (Tulasnellaceae) symbiont lineages are associated with multiple species of <i>Chiloglottis</i> (Orchidaceae): Implications for orchid diversity. <i>American Journal of Botany</i> , 2010 , 97, 1313-27	2.7	59
135	Marker-based quantitative genetics in the wild?: the heritability and genetic correlation of chemical defenses in eucalyptus. <i>Genetics</i> , 2005 , 171, 1989-98	4	58
134	Pseudocopulation of an orchid by male ants: a test of two hypotheses accounting for the rarity of ant pollination. <i>Oecologia</i> , 1987 , 73, 522-524	2.9	54
133	Specialized ecological interactions and plant species rarity: The role of pollinators and mycorrhizal fungi across multiple spatial scales. <i>Biological Conservation</i> , 2014 , 169, 285-295	6.2	53
132	Pollinator specificity drives strong prepollination reproductive isolation in sympatric sexually deceptive orchids. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 1561-75	3.8	51
131	A new set of universal de novo sequencing primers for extensive coverage of noncoding chloroplast DNA: new opportunities for phylogenetic studies and cpSSR discovery. <i>Molecular Ecology Resources</i> , 2009 , 9, 777-83	8.4	50
130	Organelle DNA haplotypes reflect crop-use characteristics and geographic origins of <i>Cannabis sativa</i> . <i>Forensic Science International</i> , 2007 , 172, 179-90	2.6	48
129	Two orchids attract different pollinators with the same floral odour compound: ecological and evolutionary implications. <i>Functional Ecology</i> , 2005 , 19, 674-680	5.6	48

128	Speciation in the Orchidaceae: confronting the challenges. <i>Molecular Ecology</i> , 2007 , 16, 2834-7	5.7	47
127	Spatial distribution of defense chemicals and markers and the maintenance of chemical variation. <i>Ecology</i> , 2007 , 88, 716-28	4.6	47
126	The discovery of 2-hydroxymethyl-3-(3-methylbutyl)-5-methylpyrazine: a semiochemical in orchid pollination. <i>Organic Letters</i> , 2012 , 14, 2576-8	6.2	44
125	Chemical communication in the sexually deceptive orchid genus <i>Cryptostylis</i> . <i>Botanical Journal of the Linnean Society</i> , 2004 , 144, 199-205	2.2	44
124	Isolation of microsatellite markers in <i>Cannabis sativa</i> L. (marijuana). <i>Molecular Ecology Notes</i> , 2003 , 3, 105-107		44
123	Does selection on floral odor promote differentiation among populations and species of the sexually deceptive orchid genus <i>Ophrys</i> ?. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 1449-63	3.8	42
122	Discovery of tetrasubstituted pyrazines as semiochemicals in a sexually deceptive orchid. <i>Journal of Natural Products</i> , 2012 , 75, 1589-94	4.9	39
121	A molecular identification system for grasses: a novel technology for forensic botany. <i>Forensic Science International</i> , 2005 , 152, 121-31	2.6	39
120	Complex Sexual Deception in an Orchid Is Achieved by Co-opting Two Independent Biosynthetic Pathways for Pollinator Attraction. <i>Current Biology</i> , 2017 , 27, 1867-1877.e5	6.3	38
119	Mark-recapture by genetic tagging reveals restricted movements by bush rats (<i>Rattus fuscipes</i>) in a fragmented landscape. <i>Journal of Zoology</i> , 2006 , 268, 207-216	2	38
118	Congruent species delineation of <i>Tulasnella</i> using multiple loci and methods. <i>New Phytologist</i> , 2014 , 201, 6-12	9.8	37
117	Not all types of host contacts are equal when it comes to <i>E. coli</i> transmission. <i>Ecology Letters</i> , 2014 , 17, 970-8	10	37
116	Genetic insights into population recovery following experimental perturbation in a fragmented landscape. <i>Biological Conservation</i> , 2006 , 132, 520-532	6.2	37
115	A mark-recapture study of male <i>Colletes cunicularius</i> bees: implications for pollination by sexual deception. <i>Behavioral Ecology and Sociobiology</i> , 2004 , 56, 579-584	2.5	37
114	Confirmation of the Hybrid Origin of <i>Chiloglottis bescottiana</i> (Orchidaceae: Diurideae). I. Genetic and Morphometric Evidence. <i>Australian Journal of Botany</i> , 1997 , 45, 839	1.2	36
113	Integrating floral scent, pollination ecology and population genetics. <i>Functional Ecology</i> , 2009 , 23, 863-874	3.6	35
112	Pollination of the Orchid <i>Microtis parviflora</i> R. Br. by Flightless Worker Ants. <i>Functional Ecology</i> , 1989 , 3, 515	5.6	35
111	An informational diversity framework, illustrated with sexually deceptive orchids in early stages of speciation. <i>Molecular Ecology Resources</i> , 2015 , 15, 1375-84	8.4	34

110	Developmental validation of a Cannabis sativa STR multiplex system for forensic analysis. <i>Journal of Forensic Sciences</i> , 2008 , 53, 1061-7	1.8	34
109	Does ant dispersal of seeds in <i>Sclerolaena diacantha</i> (Chenopodiaceae) generate local spatial genetic structure?. <i>Heredity</i> , 1995 , 75, 351-361	3.6	34
108	A Cannabis sativa STR genotype database for Australian seizures: forensic applications and limitations. <i>Journal of Forensic Sciences</i> , 2009 , 54, 556-63	1.8	33
107	Genetic evidence for cooperative polyandry in reverse dichromatic Eclectus parrots. <i>Animal Behaviour</i> , 2007 , 74, 1047-1054	2.8	33
106	Pollinators Discriminate among Floral Heights of a Sexually Deceptive Orchid: Implications for Selection. <i>Evolution; International Journal of Organic Evolution</i> , 1993 , 47, 1681	3.8	33
105	The Genetic Consequences of Worker Ant Pollination in a Self-Compatible, Clonal Orchid. <i>Evolution; International Journal of Organic Evolution</i> , 1991 , 45, 1837	3.8	32
104	Niche Perspectives on Plant-Pollinator Interactions. <i>Trends in Plant Science</i> , 2020 , 25, 779-793	13.1	32
103	Evolutionary relationships among pollinators and repeated pollinator sharing in sexually deceptive orchids. <i>Journal of Evolutionary Biology</i> , 2017 , 30, 1674-1691	2.3	31
102	A grass molecular identification system for forensic botany: a critical evaluation of the strengths and limitations. <i>Journal of Forensic Sciences</i> , 2009 , 54, 1254-60	1.8	30
101	Does morphology matter? An explicit assessment of floral morphology in sexual deception. <i>Functional Ecology</i> , 2016 , 30, 537-546	5.6	30
100	The recovery of populations of bush rat <i>Rattus fuscipes</i> in forest fragments following major population reduction. <i>Journal of Applied Ecology</i> , 2005 , 42, 649-658	5.8	29
99	Convergent specialization in the sharing of pollinators by sympatric genera of sexually deceptive orchids. <i>Journal of Ecology</i> , 2013 , 101, 826-835	6	27
98	The production of a key floral volatile is dependent on UV light in a sexually deceptive orchid. <i>Annals of Botany</i> , 2013 , 111, 21-30	4.1	27
97	The absence of sex-biased dispersal in the cooperatively breeding grey-crowned babbler. <i>Journal of Animal Ecology</i> , 2011 , 80, 69-78	4.7	27
96	The impact of landscape disturbance on spatial genetic structure in the Guanacaste tree, <i>Enterolobium cyclocarpum</i> (Fabaceae). <i>Journal of Heredity</i> , 2010 , 101, 133-43	2.4	27
95	Genetic, cytogenetic and morphological patterns in a mixed mulga population: evidence for apomixis. <i>Australian Systematic Botany</i> , 2003 , 16, 69	1	27
94	Pheromones and analogs from Neozeleboria wasps and the orchids that seduce them: a versatile synthesis of 2,5-dialkylated 1,3-cyclohexanediones. <i>Tetrahedron Letters</i> , 2008 , 49, 2446-2449	2	26
93	Thynnine wasps discriminate among heights when seeking mates: tests with a sexually deceptive orchid. <i>Oecologia</i> , 1993 , 95, 241-245	2.9	26

92	New species of associated with terrestrial orchids in Australia. <i>IMA Fungus</i> , 2017 , 8, 27-47	6.8	25
91	Outcrossing in an ant pollinated clonal orchid. <i>Heredity</i> , 1989 , 62, 161-167	3.6	25
90	Molecular genetic analysis and ecological evidence reveals multiple cryptic species among thynnine wasp pollinators of sexually deceptive orchids. <i>Molecular Phylogenetics and Evolution</i> , 2011 , 59, 195-205	4.1	24
89	Converting quadratic entropy to diversity: Both animals and alleles are diverse, but some are more diverse than others. <i>PLoS ONE</i> , 2017 , 12, e0185499	3.7	24
88	Phylogeography of pollinator-specific sexually deceptive <i>Chiloglottis</i> taxa (Orchidaceae): evidence for sympatric divergence?. <i>Molecular Ecology</i> , 2005 , 14, 3067-76	5.7	23
87	An Evaluation of the AFLP Fingerprinting Technique for the Analysis of Paternity in Natural Populations of <i>Persoonia mollis</i> (Proteaceae). <i>Australian Journal of Botany</i> , 1998 , 46, 533	1.2	23
86	Achieving practical outcomes from genetic studies of rare Australian plants. <i>Australian Journal of Botany</i> , 2000 , 48, 375	1.2	22
85	The significance of ant and plant traits for ant pollination in <i>Leporella fimbriata</i> . <i>Oecologia</i> , 1990 , 84, 457-460	2.9	22
84	The Spider Orchid <i>Caladenia crebra</i> Produces Sulfurous Pheromone Mimics to Attract its Male Wasp Pollinator. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8455-8458	16.4	21
83	The Biosynthesis of Unusual Floral Volatiles and Blends Involved in Orchid Pollination by Deception: Current Progress and Future Prospects. <i>Frontiers in Plant Science</i> , 2017 , 8, 1955	6.2	21
82	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	2.2	21
81	Specific pollinator attraction and the diversification of sexually deceptive <i>Chiloglottis</i> (Orchidaceae). <i>Plant Systematics and Evolution</i> , 2005 , 253, 185-200	1.3	21
80	Ecological and genetic evidence for cryptic ecotypes in a rare sexually deceptive orchid, <i>Drakaea elastica</i> . <i>Botanical Journal of the Linnean Society</i> , 2015 , 177, 124-140	2.2	20
79	The Tumut experiment – Integrating demographic and genetic studies to unravel fragmentation effects: a case study of the native bush rat 2000 , 173-202		20
78	A comprehensive and user-friendly framework for 3D-data visualisation in invertebrates and other organisms. <i>Journal of Morphology</i> , 2019 , 280, 223-231	1.6	18
77	High temporal variability in commensal <i>Escherichia coli</i> strain communities of a herbivorous marsupial. <i>Environmental Microbiology</i> , 2013 , 15, 2162-72	5.2	18
76	INBREEDING AVOIDANCE AND THE EVOLUTION OF GENDER DIMORPHISM IN <i>WURMBEA BIGLANDULOSA</i> (COLCHICACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 529-537	3.8	18
75	Advancement to hair-sampling surveys of a medium-sized mammal: DNA-based individual identification and population estimation of a rare Australian marsupial, the spotted-tailed quoll (<i>Dasyurus maculatus</i>). <i>Wildlife Research</i> , 2010 , 37, 27	1.8	17

74	Pyrazines Attract <i>Catocheilus</i> Thynnine Wasps. <i>Insects</i> , 2014 , 5, 474-87	2.8	16
73	Short-term but not long-term patch avoidance in an orchid-pollinating solitary wasp. <i>Behavioral Ecology</i> , 2013 , 24, 162-168	2.3	16
72	Conservation of taxonomically difficult species: the case of the Australian orchid, <i>Microtis angusii</i> . <i>Conservation Genetics</i> , 2006 , 7, 847-859	2.6	16
71	The effect of sex-biased dispersal on opposite-sexed spatial genetic structure and inbreeding risk. <i>Molecular Ecology</i> , 2015 , 24, 1681-95	5.7	15
70	Field-based evaluation of scat DNA methods to estimate population abundance of the spotted-tailed quoll (<i>Dasyurus maculatus</i>), a rare Australian marsupial. <i>Wildlife Research</i> , 2009 , 36, 721	1.8	15
69	Socio-seasonal changes in scent-marking habits in the carnivorous marsupial <i>Dasyurus maculatus</i> at communal latrines. <i>Australian Journal of Zoology</i> , 2010 , 58, 317	0.5	15
68	Bioclimatic assessment of the geographic and climatic limits to hybridisation in a sexually deceptive orchid system. <i>Australian Journal of Botany</i> , 2002 , 50, 21	1.2	15
67	Experimental examination of pollinator-mediated selection in a sexually deceptive orchid. <i>Annals of Botany</i> , 2019 , 123, 347-354	4.1	14
66	Low levels of genetic differentiation characterize Australian humpback whale (<i>Megaptera novaeangliae</i>) populations. <i>Marine Mammal Science</i> , 2014 , 30, 221-241	1.9	14
65	Exploring dispersal barriers using landscape genetic resistance modelling in scarlet macaws of the Peruvian Amazon. <i>Landscape Ecology</i> , 2017 , 32, 445-456	4.3	14
64	Pollination by sexual deception promotes outcrossing and mate diversity in self-compatible clonal orchids. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 1526-41	2.3	14
63	Identification of the First Alkenyl Chiloglottone Congener. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5818-5827	3.2	14
62	Synthesis of chiloglottones--semiochemicals from sexually deceptive orchids and their pollinators. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4296-300	3.9	14
61	Mate-searching behaviour of common and rare wasps and the implications for pollen movement of the sexually deceptive orchids they pollinate. <i>PLoS ONE</i> , 2013 , 8, e59111	3.7	14
60	Evaluating multilocus Bayesian species delimitation for discovery of cryptic mycorrhizal diversity. <i>Fungal Ecology</i> , 2017 , 26, 74-84	4.1	13
59	Microsatellite markers for evolutionary studies in the sexually deceptive orchid genus <i>Chiloglottis</i> . <i>Molecular Ecology Notes</i> , 2006 , 6, 123-126		13
58	Weeds, as ancillary hosts, pose disproportionate risk for virulent pathogen transfer to crops. <i>BMC Evolutionary Biology</i> , 2016 , 16, 101	3	13
57	Orchid conservation: from theory to practice. <i>Annals of Botany</i> , 2020 , 126, 345-362	4.1	12

56	Validation of non-invasive genetic tagging in two large macaw species (<i>Ara macao</i> and <i>A. chloropterus</i>) of the Peruvian Amazon. <i>Conservation Genetics Resources</i> , 2016 , 8, 499-509	0.8	12
55	Tissue-Specific Floral Transcriptome Analysis of the Sexually Deceptive Orchid Provides Insights into the Biosynthesis and Regulation of Its Unique UV-B Dependent Floral Volatile, Chiloglottone 1. <i>Frontiers in Plant Science</i> , 2017 , 8, 1260	6.2	12
54	Chloroplast simple sequence repeat markers for evolutionary studies in the sexually deceptive orchid genus <i>Chiloglottis</i> . <i>Molecular Ecology Resources</i> , 2009 , 9, 784-9	8.4	12
53	Cross-species amplification from crop soybean <i>Glycine max</i> provides informative microsatellite markers for the study of inbreeding wild relatives. <i>Genome</i> , 2003 , 46, 382-93	2.4	12
52	Genetic evidence confirms severe extinction risk for critically endangered swift parrots: implications for conservation management. <i>Animal Conservation</i> , 2018 , 21, 313-323	3.2	11
51	The role of relatedness in mate choice by an arboreal marsupial in the presence of fine-scale genetic structure. <i>Behavioral Ecology and Sociobiology</i> , 2016 , 70, 313-321	2.5	11
50	Parapheromones for Thynnine Wasps. <i>Journal of Chemical Ecology</i> , 2016 , 42, 17-23	2.7	11
49	UV-B light contributes directly to the synthesis of chiloglottone floral volatiles. <i>Annals of Botany</i> , 2015 , 115, 693-703	4.1	11
48	Microdot technology for individual marking of small arthropods. <i>Agricultural and Forest Entomology</i> , 2012 , 14, 171-175	1.9	11
47	The Spider Orchid <i>Caladenia crebra</i> Produces Sulfurous Pheromone Mimics to Attract its Male Wasp Pollinator. <i>Angewandte Chemie</i> , 2017 , 129, 8575-8578	3.6	10
46	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	2.2	10
45	Sex ratio bias and shared paternity reduce individual fitness and population viability in a critically endangered parrot. <i>Journal of Animal Ecology</i> , 2019 , 88, 502-510	4.7	10
44	An experimental evaluation of traits that influence the sexual behaviour of pollinators in sexually deceptive orchids. <i>Journal of Evolutionary Biology</i> , 2018 , 31, 1732-1742	2.3	9
43	Phylogenetic and microsatellite markers for <i>Tulasnella</i> (Tulasnellaceae) mycorrhizal fungi associated with Australian orchids. <i>Applications in Plant Sciences</i> , 2013 , 1, 1200394	2.3	9
42	Population structure of an orchid mycorrhizal fungus with genus-wide specificity. <i>Scientific Reports</i> , 2017 , 7, 5613	4.9	9
41	Does inbreeding avoidance maintain gender dimorphism in <i>Wurmbea dioica</i> (Colchicaceae)? <i>Journal of Evolutionary Biology</i> , 2006 , 19, 1497-506	2.3	9
40	Isolation and characterization of polymorphic microsatellite markers in the white-winged chough (<i>Corcorax melanorhamphos</i>). <i>Molecular Ecology Notes</i> , 2003 , 3, 586-588		9
39	Mismatch in the distribution of floral ecotypes and pollinators: insights into the evolution of sexually deceptive orchids. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 601-12	2.3	8

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