

RÃ©my J Petit

List of Publications by Year in descending order

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141
papers

24,457
citations

13099

68
h-index

10734

138
g-index

145
all docs

145
docs citations

145
times ranked

16995
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric character displacement in mixed oak stands. <i>New Phytologist</i> , 2022, 236, 1212-1224.	7.3	9
2	Revisiting pollination mode in chestnut (<i>Castanea spp.</i>): an integrated approach. <i>Botany Letters</i> , 2021, 168, 348-372.	1.4	26
3	Efficient monitoring of phenology in chestnuts. <i>Scientia Horticulturae</i> , 2021, 281, 109958.	3.6	17
4	An intensive study plot to investigate chestnut tree reproduction. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	4
5	The oak syngameon: more than the sum of its parts. <i>New Phytologist</i> , 2020, 226, 978-983.	7.3	81
6	Microhaplotype genotyping-by-sequencing of 98 highly polymorphic markers in three chestnut tree species. <i>Conservation Genetics Resources</i> , 2020, 12, 567-580.	0.8	5
7	Chloroplast DNA variation in a hyperdiverse tropical tree community. <i>Ecology and Evolution</i> , 2019, 9, 4897-4905.	1.9	13
8	Low genetic differentiation between two morphologically and ecologically distinct giant-leaved Mexican oaks. <i>Plant Systematics and Evolution</i> , 2019, 305, 89-101.	0.9	16
9	Inconsistent interspecific and intraspecific differentiation of climate envelopes in a subtropical tree. <i>Journal of Plant Ecology</i> , 2019, 12, 176-185.	2.3	3
10	Invoking adaptation to decipher the genetic legacy of past climate change. <i>Ecology</i> , 2018, 99, 1530-1546.	3.2	72
11	Genetic divergence within the monotypic tree genus <i>Platycarya</i> (Juglandaceae) and its implications for species' past dynamics in subtropical China. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	11
12	Demographic and spatial determinants of hybridization rate. <i>Journal of Ecology</i> , 2017, 105, 29-38.	4.0	26
13	Does the geography of cork oak origin influence budburst and leaf pest damage?. <i>Forest Ecology and Management</i> , 2016, 373, 33-43.	3.2	24
14	Impacts of local adaptation of forest trees on associations with herbivorous insects: implications for adaptive forest management. <i>Evolutionary Applications</i> , 2015, 8, 972-987.	3.1	29
15	History of <i>Larix decidua</i> Mill. (European larch) since 130 ka. <i>Quaternary Science Reviews</i> , 2015, 124, 224-247.	3.0	34
16	Within-Range Translocations and Their Consequences in European Larch. <i>PLoS ONE</i> , 2015, 10, e0127516.	2.5	22
17	Beyond skepticism: uncovering cryptic refugia using multiple lines of evidence. <i>New Phytologist</i> , 2014, 204, 450-454.	7.3	24
18	Cryptic no more: soil macrofossils uncover Pleistocene forest microrefugia within a periglacial desert. <i>New Phytologist</i> , 2014, 204, 715-729.	7.3	54

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19	Distinct male reproductive strategies in two closely related oak species. <i>Molecular Ecology</i> , 2014, 23, 4331-4343.	3.9	22
20	Stronger spatial genetic structure in recolonized areas than in refugia in the European beech. <i>Molecular Ecology</i> , 2013, 22, 4397-4412.	3.9	80
21	Efficient mitigation of founder effects during the establishment of a leading-edge oak population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131070.	2.6	41
22	Fine-scale environmental control of hybridization in oaks. <i>Molecular Ecology</i> , 2013, 22, 423-436.	3.9	54
23	Outlier loci highlight the direction of introgression in oaks. <i>Molecular Ecology</i> , 2013, 22, 450-462.	3.9	82
24	Putting the Biological Species Concept to the Test: Using Mating Networks to Delimit Species. <i>PLoS ONE</i> , 2013, 8, e68267.	2.5	8
25	Detecting the footprints of divergent selection in oaks with linked markers. <i>Heredity</i> , 2012, 109, 361-371.	2.6	21
26	Multiplexed microsatellite markers for genetic studies of beech. <i>Molecular Ecology Resources</i> , 2012, 12, 484-491.	4.8	31
27	Two highly informative dinucleotide SSR multiplexes for the conifer <i>Larix decidua</i> (European larch). <i>Molecular Ecology Resources</i> , 2012, 12, 717-725.	4.8	26
28	Two highly validated multiplexes (12-plex and 8-plex) for species delimitation and parentage analysis in oaks (<i>Quercus spp.</i>). <i>Molecular Ecology Resources</i> , 2011, 11, 578-585.	4.8	68
29	Current trends in microsatellite genotyping. <i>Molecular Ecology Resources</i> , 2011, 11, 591-611.	4.8	676
30	Geographic variation in the structure of oak hybrid zones provides insights into the dynamics of speciation. <i>Molecular Ecology</i> , 2011, 20, 4995-5011.	3.9	114
31	Direction and extent of organelle DNA introgression between two spruce species in the Qinghai-Tibetan Plateau. <i>New Phytologist</i> , 2011, 192, 1024-1033.	7.3	88
32	Early insights into the genetic consequences of range expansions. <i>Heredity</i> , 2011, 106, 203-204.	2.6	19
33	Spatio-temporal functional regression on paleoecological data. <i>Journal of Applied Statistics</i> , 2011, 38, 695-704.	1.3	13
34	Sex-biased dispersal promotes adaptive parental effects. <i>BMC Evolutionary Biology</i> , 2010, 10, 217.	3.2	17
35	Cryptic forest refugia on the "Roof of the World". <i>New Phytologist</i> , 2010, 185, 5-7.	7.3	14
36	Origin of spatial genetic structure in an expanding oak population. <i>Molecular Ecology</i> , 2010, 19, 459-471.	3.9	42

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37	The "New Wave"™ in plant demographic inference: more loci and more individuals. <i>Molecular Ecology</i> , 2010, 19, 1075-1078.	3.9	9
38	Historical and contemporary dynamics of adaptive differentiation in European oaks. , 2010, , 101-122.		29
39	Exploring Species Limits in Two Closely Related Chinese Oaks. <i>PLoS ONE</i> , 2010, 5, e15529.	2.5	56
40	Relevance of genetics for conservation policies: the case of Minorcan cork oaks. <i>Annals of Botany</i> , 2009, 104, 1069-1076.	2.9	16
41	Plant traits correlated with generation time directly affect inbreeding depression and mating system and indirectly genetic structure. <i>BMC Evolutionary Biology</i> , 2009, 9, 177.	3.2	161
42	More introgression with less gene flow: chloroplast vs. mitochondrial DNA in the <i>Picea asperata</i> complex in China, and comparison with other Conifers. <i>Molecular Ecology</i> , 2009, 18, 1396-1407.	3.9	146
43	Species relative abundance and direction of introgression in oaks. <i>Molecular Ecology</i> , 2009, 18, 2228-2242.	3.9	296
44	Detection of hybrids in nature: application to oaks (<i>Quercus suber</i> and <i>Q. ilex</i>). <i>Heredity</i> , 2009, 102, 442-452.	2.6	148
45	Paleoecology meets genetics: deciphering past vegetational dynamics. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 371-379.	4.0	125
46	Gene flow and species delimitation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 386-393.	8.7	682
47	Genetic Consequences of Range Expansions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 481-501.	8.3	1,072
48	Multilevel Control of Organelle DNA Sequence Length in Plants. <i>Journal of Molecular Evolution</i> , 2008, 66, 405-415.	1.8	6
49	Spatial Scales of Pollen and Seed-Mediated Gene Flow in Tropical Rain Forest Trees. <i>Tropical Plant Biology</i> , 2008, 1, 20-33.	1.9	250
50	GENETICALLY DEPAUPERATE BUT WIDESPREAD: THE CASE OF AN EMBLEMATIC MEDITERRANEAN PINE. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 680-688.	2.3	128
51	THE HIDDEN SIDE OF INVASIONS: MASSIVE INTROGRESSION BY LOCAL GENES. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, ???-???	2.3	658
52	Local spread of the invasive <i>Cyperus esculentus</i> (Cyperaceae) inferred using molecular genetic markers. <i>Weed Research</i> , 2008, 48, 19-27.	1.7	26
53	On the falsifiability of the nested clade phylogeographic analysis method. <i>Molecular Ecology</i> , 2008, 17, 1404-1404.	3.9	97
54	Forests of the Past: A Window to Future Changes. <i>Science</i> , 2008, 320, 1450-1452.	12.6	224

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55	Can Population Genetic Structure Be Predicted from Life-History Traits?. <i>American Naturalist</i> , 2007, 169, 662-672.	2.1	235
56	Plant phylogeography based on organelle genes: an introduction. , 2007, , 23-97.		72
57	The coup de gr��ce for the nested clade phylogeographic analysis?. <i>Molecular Ecology</i> , 2007, 17, 071026202933002-???	3.9	41
58	Ever deeper phylogeographies: trees retain the genetic imprint of Tertiary plate tectonics. <i>Molecular Ecology</i> , 2007, 16, 5113-5114.	3.9	23
59	Variation in wood volatile compounds in a mixed oak stand: strong species and spatial differentiation in whisky-lactone content. <i>Annals of Forest Science</i> , 2007, 64, 313-320.	2.0	30
60	Pines as Invasive Aliens: Outlook on Transgenic Pine Plantations in the Southern Hemisphere. <i>Managing Forest Ecosystems</i> , 2006, , 169-188.	0.9	8
61	Some Evolutionary Consequences of Being a Tree. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 187-214.	8.3	919
62	Genetic analysis of archaeological wood remains: first results and prospects. <i>Journal of Archaeological Science</i> , 2006, 33, 1216-1227.	2.4	21
63	Contrasting effects of long distance seed dispersal on genetic diversity during range expansion. <i>Journal of Evolutionary Biology</i> , 2006, 19, 12-20.	1.7	180
64	A new scenario for the Quaternary history of European beech populations: palaeobotanical evidence and genetic consequences. <i>New Phytologist</i> , 2006, 171, 199-221.	7.3	757
65	Shared alleles in sympatric oaks: recurrent gene flow is a more parsimonious explanation than ancestral polymorphism. <i>Molecular Ecology</i> , 2006, 15, 2007-2012.	3.9	93
66	Blind population genetics survey of tropical rainforest trees. <i>Molecular Ecology</i> , 2006, 15, 3505-3513.	3.9	63
67	Contrasting patterns of historical colonization in white oaks (<i>Quercus</i> spp.) in California and Europe. <i>Molecular Ecology</i> , 2006, 15, 4085-4093.	3.9	89
68	Ice-age endurance: DNA evidence of a white spruce refugium in Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12447-12450.	7.1	227
69	Authenticated DNA from Ancient Wood Remains. <i>Annals of Botany</i> , 2006, 98, 1107-1111.	2.9	46
70	Ancient plant DNA: review and prospects. <i>New Phytologist</i> , 2005, 166, 409-418.	7.3	148
71	Conserving biodiversity under climate change: the rear edge matters. <i>Ecology Letters</i> , 2005, 8, 461-467.	6.4	1,743
72	Chloroplast DNA variation of <i>Quercus rubra</i> L. in North America and comparison with other Fagaceae. <i>Molecular Ecology</i> , 2005, 14, 513-524.	3.9	77

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73	Standardizing for microsatellite length in comparisons of genetic diversity. <i>Molecular Ecology</i> , 2005, 14, 885-890.	3.9	48
74	Effects of life-history traits and species distribution on genetic structure at maternally inherited markers in European trees and shrubs. <i>Journal of Biogeography</i> , 2005, 32, 329-339.	3.0	67
75	Range wide versus local patterns of genetic diversity in hornbeam (<i>Carpinus betulus</i> L.). <i>Conservation Genetics</i> , 2005, 6, 259-273.	1.5	127
76	Climate changes and tree phylogeography in the Mediterranean. <i>Taxon</i> , 2005, 54, 877-885.	0.7	184
77	Climate Changes and Tree Phylogeography in the Mediterranean. <i>Taxon</i> , 2005, 54, 877.	0.7	153
78	Reticulate evolution in kiwifruit (<i>Actinidia</i> , Actinidiaceae) identified by comparing their maternal and paternal phylogenies. <i>American Journal of Botany</i> , 2004, 91, 736-747.	1.7	86
79	Biological invasions at the gene level. <i>Diversity and Distributions</i> , 2004, 10, 159-165.	4.1	100
80	INVITED REVIEW: Comparative organization of chloroplast, mitochondrial and nuclear diversity in plant populations. <i>Molecular Ecology</i> , 2004, 14, 689-701.	3.9	790
81	Ancient DNA “unlocking plants’ fossil secrets. <i>New Phytologist</i> , 2004, 161, 335-339.	7.3	22
82	Hybridization as a mechanism of invasion in oaks. <i>New Phytologist</i> , 2004, 161, 151-164.	7.3	356
83	Ecology and genetics of tree invasions: from recent introductions to Quaternary migrations. <i>Forest Ecology and Management</i> , 2004, 197, 117-137.	3.2	156
84	DNA-based control of oak wood geographic origin in the context of the cooperage industry. <i>Annals of Forest Science</i> , 2004, 61, 97-104.	2.0	43
85	Use of chloroplast microsatellites to differentiate oak populations. <i>Annals of Forest Science</i> , 2004, 61, 825-830.	2.0	39
86	Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 47-56.	1.5	105
87	Glacial Refugia: Hotspots But Not Melting Pots of Genetic Diversity. <i>Science</i> , 2003, 300, 1563-1565.	12.6	1,569
88	Phylogeography of maritime pine inferred with organelle markers having contrasted inheritance. <i>Molecular Ecology</i> , 2003, 12, 1487-1495.	3.9	156
89	Checking the geographical origin of oak wood: molecular and statistical tools. <i>Molecular Ecology</i> , 2003, 12, 1629-1636.	3.9	63
90	Rangewide phylogeography of a bird-dispersed Eurasian shrub: contrasting Mediterranean and temperate glacial refugia. <i>Molecular Ecology</i> , 2003, 12, 3415-3426.	3.9	151

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91	A set of primers for the amplification of chloroplast microsatellites in <i>Quercus</i> . <i>Molecular Ecology Notes</i> , 2003, 3, 24-27.	1.7	75
92	A one-step organelle capture: gynogenetic kiwifruits with paternal chloroplasts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 783-789.	2.6	8
93	A Case of Chloroplast Heteroplasmy in Kiwifruit (<i>Actinidia deliciosa</i>) That Is Not Transmitted During Sexual Reproduction. , 2002, 93, 293-300.		33
94	Novel perspectives in wood certification and forensics: dry wood as a source of DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1039-1046.	2.6	124
95	Identification of refugia and post-glacial colonisation routes of European white oaks based on chloroplast DNA and fossil pollen evidence. <i>Forest Ecology and Management</i> , 2002, 156, 49-74.	3.2	577
96	Is there a correlation between chloroplastic and nuclear divergence, or what are the roles of history and selection on genetic diversity in European oaks?. <i>Forest Ecology and Management</i> , 2002, 156, 75-87.	3.2	101
97	Chloroplast DNA variation of white oaks in Italy. <i>Forest Ecology and Management</i> , 2002, 156, 103-114.	3.2	72
98	Chloroplast DNA variation of oaks in France and the influence of forest fragmentation on genetic diversity. <i>Forest Ecology and Management</i> , 2002, 156, 115-129.	3.2	70
99	Chloroplast DNA variation of white oaks in the alpine region. <i>Forest Ecology and Management</i> , 2002, 156, 131-145.	3.2	38
100	Chloroplast DNA variation of oaks in western Central Europe and genetic consequences of human influences. <i>Forest Ecology and Management</i> , 2002, 156, 147-166.	3.2	58
101	Chloroplast DNA variation of white oaks in northern Balkans and in the Carpathian Basin. <i>Forest Ecology and Management</i> , 2002, 156, 197-209.	3.2	60
102	Chloroplast DNA variation of white oak in the Baltic countries and Poland. <i>Forest Ecology and Management</i> , 2002, 156, 211-222.	3.2	20
103	Chloroplast DNA variation in European white oaks. <i>Forest Ecology and Management</i> , 2002, 156, 5-26.	3.2	424
104	Phylogeography of the common ivy (<i>Hedera</i> sp.) in Europe: genetic differentiation through space and time. <i>Molecular Ecology</i> , 2002, 11, 1351-1362.	3.9	112
105	A set of 35 consensus primer pairs amplifying genes and introns of plant mitochondrial DNA. <i>Molecular Ecology Notes</i> , 2002, 2, 428-430.	1.7	83
106	Optimal Randomization Strategies When Testing the Existence of a Phylogeographic Structure. <i>Genetics</i> , 2002, 161, 469-471.	2.9	66
107	SGS-Spatial Genetic Software: A Computer Program for Analysis of Spatial Genetic and Phenotypic Structures of Individuals and Populations. , 2001, 92, 447-448.		130
108	Variation in chloroplast single-sequence repeats in Portuguese maritime pine (<i>Pinus pinaster</i> Ait.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 97-103.	3.6	54

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109	POLLEN- VERSUS SEED-MEDIATED GENE FLOW IN A SCATTERED FOREST TREE SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1123-1135.	2.3	96
110	Frequent cytoplasmic exchanges between oak species that are not closely related: <i>Quercus suber</i> and <i>Q. ilex</i> in Morocco. <i>Molecular Ecology</i> , 2001, 10, 2003-2012.	3.9	128
111	Spatial and temporal distribution of chloroplast DNA polymorphism in a tropical tree species. <i>Molecular Ecology</i> , 2000, 9, 1089-1098.	3.9	59
112	Genetic variability of a scattered temperate forest tree: <i>Sorbus torminalis</i> L. (Crantz). <i>Annals of Forest Science</i> , 2000, 57, 63-71.	2.0	40
113	Chloroplast DNA variation in a rainforest tree (<i>Aucoumea klaineana</i> , Burseraceae) in Gabon. <i>Molecular Ecology</i> , 2000, 9, 359.	3.9	39
114	Provenance hybridization in a diallel mating scheme of maritime pine (<i>Pinus pinaster</i>). II. Heterosis. <i>Canadian Journal of Forest Research</i> , 2000, 30, 10-16.	1.7	11
115	Provenance hybridization in a diallel mating scheme of maritime pine (<i>Pinus pinaster</i>). II. Heterosis. <i>Canadian Journal of Forest Research</i> , 2000, 30, 10-16.	1.7	5
116	High level of variation at <i>Abies alba</i> chloroplast microsatellite loci in Europe. <i>Molecular Ecology</i> , 1999, 8, 1117-1126.	3.9	147
117	Rangewide variation of the maritime pine bark scale <i>Matsucoccus feytaudi</i> Duc. (Homoptera: Tj ETQq1 1 0.784314 rrgBT /Overlock 10	3.9	218
118	Amplification of oak DNA from ancient and modern wood. <i>Molecular Ecology</i> , 1999, 8, 2137-2140.	3.9	86
119	Strict paternal inheritance of chloroplast DNA and maternal inheritance of mitochondrial DNA in intraspecific crosses of kiwifruit. <i>Theoretical and Applied Genetics</i> , 1999, 99, 314-322.	3.6	63
120	ARE CHLOROPLAST AND MITOCHONDRIAL DNA VARIATION SPECIES INDEPENDENT IN OAKS?. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1406-1413.	2.3	74
121	Bootstrap variance of diversity and differentiation estimators in a subdivided population. <i>Heredity</i> , 1998, 80, 56-61.	2.6	12
122	Association between chloroplast and mitochondrial lineages in oaks. <i>Molecular Biology and Evolution</i> , 1998, 15, 1321-1331.	8.9	76
123	Identifying Populations for Conservation on the Basis of Genetic Markers. <i>Conservation Biology</i> , 1998, 12, 844-855.	4.7	1,276
124	Colonization with long-distance seed dispersal and genetic structure of maternally inherited genes in forest trees: a simulation study. <i>Genetical Research</i> , 1997, 69, 117-125.	0.9	160
125	Chloroplast DNA footprints of postglacial recolonization by oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9996-10001.	7.1	395
126	An enlarged set of consensus primers for the study of organelle DNA in plants. <i>Molecular Ecology</i> , 1997, 6, 393-397.	3.9	330

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127	Contribution of two-dimensional electrophoresis of proteins to maritime pine genetics. <i>Annales Des Sciences Foresti�res</i> , 1997, 54, 225-236.	1.2	17
128	Mating System and Asymmetric Hybridization in a Mixed Stand of European Oaks. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 900.	2.3	76
129	Chloroplast DNA Phylogeography of the Common Beech (<i>Fagus sylvatica</i> L.) in Europe. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2515.	2.3	132
130	MATING SYSTEM AND ASYMMETRIC HYBRIDIZATION IN A MIXED STAND OF EUROPEAN OAKS. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 900-908.	2.3	120
131	Chloroplast DNA phylogeography of the argan tree of Morocco. <i>Molecular Ecology</i> , 1996, 5, 547-555.	3.9	184
132	High level of genetic differentiation for allelic richness among populations of the argan tree [<i>Argania spinosa</i> (L.) Skeels] endemic to Morocco. <i>Theoretical and Applied Genetics</i> , 1996, 92, 832-839.	3.6	1,330
133	A set of universal primers for amplification of polymorphic non�coding regions of mitochondrial and chloroplast DNA in plants. <i>Molecular Ecology</i> , 1995, 4, 129-134.	3.9	1,042
134	Genetic polymorphism in maritime pine (<i>Pinus pinaster</i> Ait.) assessed by two-dimensional gel electrophoresis of needle, bud, and pollen proteins. <i>Journal of Molecular Evolution</i> , 1995, 41, 231.	1.8	28
135	Inheritance of chloroplast and mitochondrial genomes in pedunculate oak investigated with an efficient PCR method. <i>Theoretical and Applied Genetics</i> , 1995, 91, 1253-1256.	3.6	424
136	Estimation, variance and optimal sampling of gene diversity. <i>Theoretical and Applied Genetics</i> , 1995, 90, 462-470.	3.6	271
137	Comparison of genetic differentiation in maritime pine (<i>Pinus pinaster</i> Ait.) estimated using isozyme, total protein and terpenic loci. <i>Heredity</i> , 1995, 75, 382-389.	2.6	58
138	Geographic structure of chloroplast DNA polymorphisms in European oaks. <i>Theoretical and Applied Genetics</i> , 1993, 87, 122-128.	3.6	204
139	Finite island model for organelle and nuclear genes in plants. <i>Heredity</i> , 1993, 71, 630-641.	2.6	183
140	Development of highly validated SNP markers for genetic analyses of chestnut species. <i>Conservation Genetics Resources</i> , 0, , 1.	0.8	4
141	Confirmation that chestnuts are insect-pollinated. <i>Botany Letters</i> , 0, , 1-5.	1.4	4