

# Loren H Rieseberg

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

438  
papers

35,198  
citations

99  
h-index

174  
g-index

511  
ext. papers

41,076  
ext. citations

7  
avg, IF

7.65  
L-index

#	Paper	IF	Citations
438	Genetic basis and dual adaptive role of floral pigmentation in sunflowers.. <i>ELife</i> , <b>2022</b> , 11,	8.9	1
437	Rapid Evolution of Postzygotic Reproductive Isolation is Widespread in Arctic Plant Lineages. <i>Annals of Botany</i> , <b>2021</b> ,	4.1	1
436	Genome-wide shifts in climate-related variation underpin responses to selective breeding in a widespread conifer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
435	Microsatellites as Agents of Adaptive Change: An RNA-Seq-Based Comparative Study of Transcriptomes from Five Helianthus Species. <i>Symmetry</i> , <b>2021</b> , 13, 933	2.7	1
434	Standing variation rather than recent adaptive introgression probably underlies differentiation of the texanus subspecies of Helianthus annuus. <i>Molecular Ecology</i> , <b>2021</b> , 30, 6229-6245	5.7	1
433	The genome of Draba nivalis shows signatures of adaptation to the extreme environmental stresses of the Arctic. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 661-676	8.4	7
432	Patterns, Predictors, and Consequences of Dominance in Hybrids. <i>American Naturalist</i> , <b>2021</b> , 197, E72-E88	3.7	16
431	The tip of the iceberg: Genome wide marker analysis reveals hidden hybridization during invasion. <i>Molecular Ecology</i> , <b>2021</b> , 30, 810-825	5.7	1
430	From bits to bites: Advancement of the Germinate platform to support prebreeding informatics for crop wild relatives. <i>Crop Science</i> , <b>2021</b> , 61, 1538-1566	2.4	11
429	Genome-Wide Expression and Alternative Splicing in Domesticated Sunflowers (Helianthus annuus L.) under Flooding Stress. <i>Agronomy</i> , <b>2021</b> , 11, 92	3.6	2
428	-Based Dual-Layered Biological Network Analysis Elucidates Fully Modulated Pathways Related to Sugarcane Resistance on Biotrophic Pathogen Infection. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 707904	6.2	
427	Aberrant RNA splicing due to genetic incompatibilities in sunflower hybrids. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 2747-2758	3.8	1
426	Ancestral Reconstruction of Karyotypes Reveals an Exceptional Rate of Nonrandom Chromosomal Evolution in Sunflower. <i>Genetics</i> , <b>2020</b> , 214, 1031-1045	4	7
425	Gene banks for wild and cultivated sunflower genetic resources. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , <b>2020</b> , 27, 9	1.5	14
424	Frequency, Origins, and Evolutionary Role of Chromosomal Inversions in Plants. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 296	6.2	26
423	Multiple chromosomal inversions contribute to adaptive divergence of a dune sunflower ecotype. <i>Molecular Ecology</i> , <b>2020</b> , 29, 2535-2549	5.7	25
422	Massive haplotypes underlie ecotypic differentiation in sunflowers. <i>Nature</i> , <b>2020</b> , 584, 602-607	50.4	81

421	While neither universally applicable nor practical operationally, the biological species concept continues to offer a compelling framework for studying species and speciation. <i>National Science Review</i> , <b>2020</b> , 7, 1398-1400	10.8	4
420	Genetically Based Trait Differentiation but Lack of Trade-offs between Stress Tolerance and Performance in Introduced Canada Thistle. <i>Plant Communications</i> , <b>2020</b> , 1, 100116	9	1
419	Mobilizing Crop Biodiversity. <i>Molecular Plant</i> , <b>2020</b> , 13, 1341-1344	14.4	21
418	Population Genomics of Speciation and Adaptation in Sunflowers. <i>Population Genomics</i> , <b>2020</b> , 1	1.4	2
417	Contemporary evolution of maize landraces and their wild relatives influenced by gene flow with modern maize varieties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21302-21311	11.5	11
416	Hybridization speeds adaptive evolution in an eight-year field experiment. <i>Scientific Reports</i> , <b>2019</b> , 9, 6746	4.9	20
415	Genetic and phenotypic analyses indicate that resistance to flooding stress is uncoupled from performance in cultivated sunflower. <i>New Phytologist</i> , <b>2019</b> , 223, 1657-1670	9.8	7
414	Genetic dissection of epistatic and QTL by environment interaction effects in three bread wheat genetic backgrounds for yield-related traits under saline conditions. <i>Euphytica</i> , <b>2019</b> , 215, 1	2.1	8
413	Shifts in the abiotic and biotic environment of cultivated sunflower under future climate change. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , <b>2019</b> , 26, 9	1.5	5
412	An evaluation of alternative explanations for widespread cytonuclear discordance in annual sunflowers ( <i>Helianthus</i> ). <i>New Phytologist</i> , <b>2019</b> , 221, 515-526	9.8	49
411	Intraspecific genetic divergence within <i>Helianthus niveus</i> and the status of two new morphotypes from Mexico. <i>American Journal of Botany</i> , <b>2019</b> , 106, 1229-1239	2.7	3
410	Mapping footprints of past genetic exchange. <i>Science</i> , <b>2019</b> , 366, 570-571	33.3	2
409	BSA-seq mapping reveals major QTL for broomrape resistance in four sunflower lines. <i>Molecular Breeding</i> , <b>2019</b> , 39, 1	3.4	19
408	Skim-Sequencing Reveals the Likely Origin of the Enigmatic Endangered Sunflower. <i>Genes</i> , <b>2019</b> , 10,	4.2	3
407	The genomics of domestication special issue editorial. <i>Evolutionary Applications</i> , <b>2019</b> , 12, 3-5	4.8	1
406	Sunflower pan-genome analysis shows that hybridization altered gene content and disease resistance. <i>Nature Plants</i> , <b>2019</b> , 5, 54-62	11.5	106
405	A new model of speciation. <i>National Science Review</i> , <b>2019</b> , 6, 289-290	10.8	2
404	Phylogenetic trends and environmental correlates of nuclear genome size variation in <i>Helianthus</i> sunflowers. <i>New Phytologist</i> , <b>2019</b> , 221, 1609-1618	9.8	21

403	Genomic sequence and copy number evolution during hybrid crop development in sunflowers. <i>Evolutionary Applications</i> , <b>2019</b> , 12, 54-65	4.8	18
402	Trends in Global Agricultural Land Use: Implications for Environmental Health and Food Security. <i>Annual Review of Plant Biology</i> , <b>2018</b> , 69, 789-815	30.7	286
401	Homogenization of Populations in the Wildflower, Texas Bluebonnet ( <i>Lupinus texensis</i> ). <i>Journal of Heredity</i> , <b>2018</b> , 109, 152-161	2.4	2
400	A novel post hoc method for detecting index switching finds no evidence for increased switching on the Illumina HiSeq X. <i>Molecular Ecology Resources</i> , <b>2018</b> , 18, 169-175	8.4	17
399	Evolution of invasiveness by genetic accommodation. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 991-999	12.3	35
398	Neo-Domestication of an Interspecific Tetraploid Population That Segregates for Perennial Habit. <i>Genes</i> , <b>2018</b> , 9,	4.2	3
397	Genetics of alternative splicing evolution during sunflower domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6768-6773	11.5	15
396	Gene flow in Argentinian sunflowers as revealed by genotyping-by-sequencing data. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 193-204	4.8	12
395	Speciation and the City. <i>Trends in Ecology and Evolution</i> , <b>2018</b> , 33, 815-826	10.9	36
394	Trait Evolution in Invasive Species <b>2018</b> , 459-496		11
393	Both mechanism and age of duplications contribute to biased gene retention patterns in plants. <i>BMC Genomics</i> , <b>2017</b> , 18, 46	4.5	16
392	Gene expression and drought response in an invasive thistle. <i>Biological Invasions</i> , <b>2017</b> , 19, 875-893	2.7	8
391	The genetic architecture of UV floral patterning in sunflower. <i>Annals of Botany</i> , <b>2017</b> , 120, 39-50	4.1	10
390	Genetic admixture and heterosis may enhance the invasiveness of common ragweed. <i>Evolutionary Applications</i> , <b>2017</b> , 10, 241-250	4.8	25
389	The sunflower genome provides insights into oil metabolism, flowering and Asterid evolution. <i>Nature</i> , <b>2017</b> , 546, 148-152	50.4	344
388	The Genetics and Genomics of Plant Domestication. <i>BioScience</i> , <b>2017</b> , 67, 971-982	5.7	46
387	Bioinformatically predicted deleterious mutations reveal complementation in the interior spruce hybrid complex. <i>BMC Genomics</i> , <b>2017</b> , 18, 970	4.5	14
386	Multiple introductions, admixture and bridgehead invasion characterize the introduction history of <i>Ambrosia artemisiifolia</i> in Europe and Australia. <i>Molecular Ecology</i> , <b>2017</b> , 26, 5421-5434	5.7	60

385 FOUNDATIONS OF INVASION GENETICS **2016**, 1-18

384 CHROMOSOME INVERSIONS, ADAPTIVE CASSETTES AND THE EVOLUTION OF SPECIES RANGES **2016**, 175-186 1

383 THE DISTRIBUTION OF GENETIC VARIANCE ACROSS PHENOTYPIC SPACE AND THE RESPONSE TO SELECTION **2016**, 187-205

382 INFORMATION ENTROPY AS A MEASURE OF GENETIC DIVERSITY AND EVOLVABILITY IN COLONIZATION **2016**, 206-217

381 THE DEVIL IS IN THE DETAILS **2016**, 232-251

380 GENETIC RECONSTRUCTIONS OF INVASION HISTORY **2016**, 267-282

379 COMPARATIVE GENOMICS IN THE ASTERACEAE REVEALS LITTLE EVIDENCE FOR PARALLEL EVOLUTIONARY CHANGE IN INVASIVE TAXA **2016**, 283-299

378 THE ROLE OF CLIMATE ADAPTATION IN COLONIZATION SUCCESS IN ARABIDOPSIS THALIANA **2016**, 300-312

377 A GENETIC PERSPECTIVE ON RAPID EVOLUTION IN CANE TOADS (RHINELLA MARINA) **2016**, 313-327

376 EPIGENETICS OF COLONIZING SPECIES? A STUDY OF JAPANESE KNOTWEED IN CENTRAL EUROPE **2016**, 328-340 11

375 THE INFLUENCE OF NUMBERS ON INVASION SUCCESS **2016**, 25-39 1

374 WHAT WE STILL DON'T KNOW ABOUT INVASION GENETICS **2016**, 346-370 1

373 EVOLUTION OF THE MATING SYSTEM IN COLONIZING PLANTS **2016**, 57-80 1

372 THE POPULATION BIOLOGY OF FUNGAL INVASIONS **2016**, 81-100 0

371 CONTEMPORARY EVOLUTION DURING INVASION **2016**, 101-121 1

370 EXOTICS EXHIBIT MORE EVOLUTIONARY HISTORY THAN NATIVES **2016**, 122-138 3

369 CAUSES AND CONSEQUENCES OF FAILED ADAPTATION TO BIOLOGICAL INVASIONS **2016**, 139-151

368 EVOLUTION OF PHENOTYPIC PLASTICITY IN COLONIZING SPECIES **2016**, 165-174 0

367	The genome sequence of the outbreeding globe artichoke constructed de novo incorporating a phase-aware low-pass sequencing strategy of F1 progeny. <i>Scientific Reports</i> , <b>2016</b> , 6, 19427	4.9	65
366	Complete Mitochondrial Genome Sequence of Sunflower ( <i>Helianthus annuus</i> L.). <i>Genome Announcements</i> , <b>2016</b> , 4,		11
365	Applying gene flow science to environmental policy needs: a boundary work perspective. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 924-36	4.8	9
364	When gene flow really matters: gene flow in applied evolutionary biology. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 833-6	4.8	40
363	Exome capture from the spruce and pine giga-genomes. <i>Molecular Ecology Resources</i> , <b>2016</b> , 16, 1136-46	8.4	50
362	CHARACTERISTICS OF SUCCESSFUL ALIEN PLANTS <b>2016</b> , 40-56		0
361	EXPANSION LOAD <b>2016</b> , 218-231		
360	Transcriptome-derived evidence supports recent polyploidization and a major phylogeographic division in <i>Trithuria submersa</i> (Hydatellaceae, Nymphaeales). <i>New Phytologist</i> , <b>2016</b> , 210, 310-23	9.8	8
359	Origins of food crops connect countries worldwide. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283, 20160792	4.4	89
358	Most Compositae (Asteraceae) are descendants of a paleohexaploid and all share a paleotetraploid ancestor with the Calyceraceae. <i>American Journal of Botany</i> , <b>2016</b> , 103, 1203-11	2.7	63
357	A Balanced Data Archiving Policy for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 84-85	10.9	14
356	Ambient insect pressure and recipient genotypes determine fecundity of transgenic crop-weed rice hybrid progeny: Implications for environmental biosafety assessment. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 847-56	4.8	12
355	Fitness correlates of crop transgene flow into weedy populations: a case study of weedy rice in China and other examples. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 857-70	4.8	29
354	Expression Divergence Is Correlated with Sequence Evolution but Not Positive Selection in Conifers. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 1502-16	8.3	36
353	Recombination Rate Evolution and the Origin of Species. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 226-236	10.9	104
352	Remarkable life history polymorphism may be evolving under divergent selection in the silverleaf sunflower. <i>Molecular Ecology</i> , <b>2016</b> , 25, 3817-30	5.7	11
351	A genomic perspective on hybridization and speciation. <i>Molecular Ecology</i> , <b>2016</b> , 25, 2337-60	5.7	278
350	Revisiting a classic case of introgression: hybridization and gene flow in Californian sunflowers. <i>Molecular Ecology</i> , <b>2016</b> , 25, 2630-43	5.7	30

349	Genome-wide genotyping-by-sequencing data provide a high-resolution view of wild <i>Helianthus</i> diversity, genetic structure, and interspecies gene flow. <i>American Journal of Botany</i> , <b>2016</b> , 103, 2170-2177	2.7	31
348	Genomics of <i>Cynara cardunculus</i> through the exploitation of NGS technologies. <i>Acta Horticulturae</i> , <b>2016</b> , 1-8	0.3	
347	Genetic structure reveals a history of multiple independent origins followed by admixture in the allopolyploid weed <i>Salsola ryanii</i> . <i>Evolutionary Applications</i> , <b>2016</b> , 9, 871-8	4.8	7
346	Convergent local adaptation to climate in distantly related conifers. <i>Science</i> , <b>2016</b> , 353, 1431-1433	33.3	185
345	Multiple reproductive barriers separate recently diverged sunflower ecotypes. <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 2322-2335	3.8	28
344	Hybridization and extinction. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 892-908	4.8	321
343	Evolutionary and social consequences of introgression of nontransgenic herbicide resistance from rice to weedy rice in Brazil. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 837-46	4.8	48
342	Methods for studying polyploid diversification and the dead end hypothesis: a reply to Soltis et al. (2014). <i>New Phytologist</i> , <b>2015</b> , 206, 27-35	9.8	55
341	Patterns of domestication in the Ethiopian oil-seed crop noug ( <i>Guizotia abyssinica</i> ). <i>Evolutionary Applications</i> , <b>2015</b> , 8, 464-75	4.8	6
340	Professor Harry Smith (1935-2015). <i>Molecular Ecology</i> , <b>2015</b> , 24, 2299-300	5.7	1
339	The Accumulation of Deleterious Mutations as a Consequence of Domestication and Improvement in Sunflowers and Other Compositae Crops. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2273-83	8.3	91
338	Early genome duplications in conifers and other seed plants. <i>Science Advances</i> , <b>2015</b> , 1, e1501084	14.3	167
337	Comparative genomics in the Asteraceae reveals little evidence for parallel evolutionary change in invasive taxa. <i>Molecular Ecology</i> , <b>2015</b> , 24, 2226-40	5.7	26
336	The origins of reproductive isolation in plants. <i>New Phytologist</i> , <b>2015</b> , 207, 968-84	9.8	184
335	Evolution of invasiveness through increased resource use in a vacant niche. <i>Nature Plants</i> , <b>2015</b> , 1,	11.5	54
334	Ecogeography and utility to plant breeding of the crop wild relatives of sunflower ( <i>Helianthus annuus</i> L.). <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 841	6.2	41
333	A Unified Single Nucleotide Polymorphism Map of Sunflower ( <i>Helianthus annuus</i> L.) Derived from Current Genomic Resources. <i>Crop Science</i> , <b>2015</b> , 55, 1696-1702	2.4	14
332	Systematics, Origin, and Germplasm Resources of the Wild and Domesticated Sunflower. <i>Agronomy</i> , <b>2015</b> , 21-65	0.8	13

331	Association mapping in sunflower ( <i>Helianthus annuus</i> L.) reveals independent control of apical vs. basal branching. <i>BMC Plant Biology</i> , <b>2015</b> , 15, 84	5.3	27
330	Repetitive DNA and Plant Domestication: Variation in Copy Number and Proximity to Genes of LTR-Retrotransposons among Wild and Cultivated Sunflower ( <i>Helianthus annuus</i> ) Genotypes. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 3368-82	3.9	27
329	Adaptive plasticity and niche expansion in an invasive thistle. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 3183-97	2.8	29
328	What we still don't know about invasion genetics. <i>Molecular Ecology</i> , <b>2015</b> , 24, 2277-97	5.7	223
327	Genome scans reveal candidate domestication and improvement genes in cultivated sunflower, as well as post-domestication introgression with wild relatives. <i>New Phytologist</i> , <b>2015</b> , 206, 830-8	9.8	62
326	Quantitative trait locus mapping identifies candidate alleles involved in adaptive introgression and range expansion in a wild sunflower. <i>Molecular Ecology</i> , <b>2015</b> , 24, 2194-211	5.7	45
325	Genomics of Compositae crops: reference transcriptome assemblies and evidence of hybridization with wild relatives. <i>Molecular Ecology Resources</i> , <b>2014</b> , 14, 166-77	8.4	38
324	Genome skimming reveals the origin of the Jerusalem Artichoke tuber crop species: neither from Jerusalem nor an artichoke. <i>New Phytologist</i> , <b>2014</b> , 201, 1021-1030	9.8	108
323	De novo genome assembly of the economically important weed horseweed using integrated data from multiple sequencing platforms. <i>Plant Physiology</i> , <b>2014</b> , 166, 1241-54	6.6	60
322	Rapid evolution of an invasive weed. <i>New Phytologist</i> , <b>2014</b> , 202, 309-321	9.8	54
321	The role of homoploid hybridization in evolution: a century of studies synthesizing genetics and ecology. <i>American Journal of Botany</i> , <b>2014</b> , 101, 1247-58	2.7	134
320	Genomics of homoploid hybrid speciation: diversity and transcriptional activity of long terminal repeat retrotransposons in hybrid sunflowers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	35
319	On the adaptive value of cytoplasmic genomes in plants. <i>Molecular Ecology</i> , <b>2014</b> , 23, 4899-911	5.7	67
318	Genomic variation in <i>Helianthus</i> : learning from the past and looking to the future. <i>Briefings in Functional Genomics</i> , <b>2014</b> , 13, 328-40	4.9	7
317	Sequence-Based Analysis of Structural Organization and Composition of the Cultivated Sunflower ( <i>Helianthus annuus</i> L.) Genome. <i>Biology</i> , <b>2014</b> , 3, 295-319	4.9	12
316	Bridging physiological and evolutionary time-scales in a gene regulatory network. <i>New Phytologist</i> , <b>2014</b> , 203, 685-696	9.8	14
315	Shared selective pressure and local genomic landscape lead to repeatable patterns of genomic divergence in sunflowers. <i>Molecular Ecology</i> , <b>2014</b> , 23, 311-24	5.7	62
314	A target enrichment method for gathering phylogenetic information from hundreds of loci: An example from the Compositae. <i>Applications in Plant Sciences</i> , <b>2014</b> , 2, 1300085	2.3	121



313	Increasing homogeneity in global food supplies and the implications for food security. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 4001-6	11.5	559
312	Hybrid incompatibility is acquired faster in annual than in perennial species of sunflower and tarweed. <i>Evolution; International Journal of Organic Evolution</i> , <b>2014</b> , 68, 893-900	3.8	15
311	Chromosomal evolution and patterns of introgression in helianthus. <i>Genetics</i> , <b>2014</b> , 197, 969-79	4	33
310	Conservation and divergence of gene expression plasticity following c. 140 million years of evolution in lodgepole pine ( <i>Pinus contorta</i> ) and interior spruce ( <i>Picea glauca</i> / <i>Picea engelmannii</i> ). <i>New Phytologist</i> , <b>2014</b> , 203, 578-591	9.8	36
309	Genetics of cryptic speciation within an Arctic mustard, <i>Draba nivalis</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e93834	3.7	16
308	Genome-scale transcriptional analyses of first-generation interspecific sunflower hybrids reveals broad regulatory compatibility. <i>BMC Genomics</i> , <b>2013</b> , 14, 342	4.5	12
307	The genetic basis of speciation in the <i>Giliopsis</i> lineage of <i>Ipomopsis</i> (Polemoniaceae). <i>Heredity</i> , <b>2013</b> , 111, 227-37	3.6	25
306	The repetitive component of the sunflower genome as shown by different procedures for assembling next generation sequencing reads. <i>BMC Genomics</i> , <b>2013</b> , 14, 686	4.5	46
305	Divergence is focused on few genomic regions early in speciation: incipient speciation of sunflower ecotypes. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 2468-82	3.8	78
304	Methodological challenges to realizing the potential of hybridization research. <i>Journal of Evolutionary Biology</i> , <b>2013</b> , 26, 259-60	2.3	8
303	Sunflower genetic, genomic and ecological resources. <i>Molecular Ecology Resources</i> , <b>2013</b> , 13, 10-20	8.4	48
302	The molecular basis of invasiveness: differences in gene expression of native and introduced common ragweed ( <i>Ambrosia artemisiifolia</i> ) in stressful and benign environments. <i>Molecular Ecology</i> , <b>2013</b> , 22, 2496-510	5.7	44
301	Recent nonhybrid origin of sunflower ecotypes in a novel habitat. <i>Molecular Ecology</i> , <b>2013</b> , 22, 799-813	5.7	34
300	A road map for molecular ecology. <i>Molecular Ecology</i> , <b>2013</b> , 22, 2605-26	5.7	86
299	Convergence and divergence during the adaptation to similar environments by an Australian groundsel. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 2515-29	3.8	49
298	Genomic evidence for the parallel evolution of coastal forms in the <i>Senecio lautus</i> complex. <i>Molecular Ecology</i> , <b>2013</b> , 22, 2941-52	5.7	80
297	Genomic islands of divergence are not affected by geography of speciation in sunflowers. <i>Nature Communications</i> , <b>2013</b> , 4, 1827	17.4	197
296	Agriculture: Feeding the future. <i>Nature</i> , <b>2013</b> , 499, 23-4	50.4	363

295	Divergence in Gene Expression Is Uncoupled from Divergence in Coding Sequence in a Secondarily Woody Sunflower. <i>International Journal of Plant Sciences</i> , <b>2013</b> , 174, 1079-1089	2.6	23
294	Association mapping and the genomic consequences of selection in sunflower. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003378	6	80
293	RNA-seq analysis of allele-specific expression, hybrid effects, and regulatory divergence in hybrids compared with their parents from natural populations. <i>Genome Biology and Evolution</i> , <b>2013</b> , 5, 1309-23	3.9	85
292	Transcriptome divergence between introduced and native populations of Canada thistle, <i>Cirsium arvense</i> . <i>New Phytologist</i> , <b>2013</b> , 199, 595-608	9.8	22
291	Genomic resources notes accepted 1 February 2013-31 March 2013. <i>Molecular Ecology Resources</i> , <b>2013</b> , 13, 759	8.4	1
290	Allele identification for transcriptome-based population genomics in the invasive plant <i>Centaurea solstitialis</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2013</b> , 3, 359-67	3.2	34
289	Invasion history of North American Canada thistle, <i>Cirsium arvense</i> . <i>Journal of Biogeography</i> , <b>2012</b> , 39, 1919-1931	4.1	23
288	Reconciling extremely strong barriers with high levels of gene exchange in annual sunflowers. <i>Evolution; International Journal of Organic Evolution</i> , <b>2012</b> , 66, 1459-73	3.8	63
287	Reduced drought tolerance during domestication and the evolution of weediness results from tolerance-growth trade-offs. <i>Evolution; International Journal of Organic Evolution</i> , <b>2012</b> , 66, 3803-14	3.8	42
286	Changes in the root-associated fungal communities along a primary succession gradient analysed by 454 pyrosequencing. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1897-908	5.7	151
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