

Richard G Harrison

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.

84
papers

4,818
citations

41
h-index

68
g-index

89
ext. papers

5,368
ext. citations

5.4
avg. IF

5.94
L-index

#	Paper	IF	Citations
84	Unraveling hierarchical genetic structure in a marine metapopulation: A comparison of three high-throughput genotyping approaches. <i>Molecular Ecology</i> , 2020 , 29, 2189-2203	5.7	17
83	Genomic Basis of Circannual Rhythm in the European Corn Borer Moth. <i>Current Biology</i> , 2019 , 29, 3501-3509.e56	36.9	56
82	Genes Integral to the Reproductive Function of Male Reproductive Tissues Drive Heterogeneity in Evolutionary Rates in Japanese Quail. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 39-51	3.2	2
81	A flicker of hope: Genomic data distinguish Northern Flicker taxa despite low levels of divergence. Los taxones de <i>Colaptes auratus</i> son diferenciables con datos genómicos pese a sus bajos niveles de divergencia. Genomic data distinguish Northern Flicker taxa. <i>Auk</i> , 2018 , 135, 748-766	2.1	17
80	A combination of sexual and ecological divergence contributes to rearrangement spread during initial stages of speciation. <i>Molecular Ecology</i> , 2017 , 26, 2331-2347	5.7	16
79	Heterogeneous genome divergence, differential introgression, and the origin and structure of hybrid zones. <i>Molecular Ecology</i> , 2016 , 25, 2454-66	5.7	128
78	Patterns, causes, and consequences of marine larval dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13940-5	11.5	101
77	Genes with Restricted Introgression in a Field Cricket (<i>Gryllus firmus</i> / <i>Gryllus pennsylvanicus</i>) Hybrid Zone Are Concentrated on the X Chromosome and a Single Autosome. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 2219-27	3.2	15
76	Hybrid zones: windows on climate change. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 398-406	10.9	115
75	Genetic structure, admixture and invasion success in a Holarctic defoliator, the gypsy moth (<i>Lymantria dispar</i> , Lepidoptera: Erebidae). <i>Molecular Ecology</i> , 2015 , 24, 1275-91	5.7	34
74	Gene flow and the maintenance of species boundaries. <i>Molecular Ecology</i> , 2014 , 23, 1668-78	5.7	63
73	Selective constraint dominates the evolution of genes expressed in a novel reproductive gland. <i>Molecular Biology and Evolution</i> , 2014 , 31, 3266-81	8.3	7
72	Genetics reveal the origin and timing of a cryptic insular introduction of muskrats in North America. <i>PLoS ONE</i> , 2014 , 9, e111856	3.7	2
71	Hybridization, introgression, and the nature of species boundaries. <i>Journal of Heredity</i> , 2014 , 105 Suppl 1, 795-809	2.4	348
70	Reproductive Success and Body Size in the Cricket <i>Gryllus firmus</i> . <i>Journal of Insect Behavior</i> , 2014 , 27, 346-356	1.1	6
69	A comparison of next generation sequencing technologies for transcriptome assembly and utility for RNA-Seq in a non-model bird. <i>PLoS ONE</i> , 2014 , 9, e108550	3.7	30
68	Differential introgression in a mosaic hybrid zone reveals candidate barrier genes. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3653-61	3.8	47

67	Patterns of transcriptome divergence in the male accessory gland of two closely related species of field crickets. <i>Genetics</i> , 2013 , 193, 501-13	4	45
66	Structure of a mosaic hybrid zone between the field crickets <i>Gryllus firmus</i> and <i>G. pennsylvanicus</i> . <i>Ecology and Evolution</i> , 2013 , 3, 985-1002	2.8	21
65	The language of speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3643-57	3.8	73
64	Influence of the male ejaculate on post-mating prezygotic barriers in field crickets. <i>PLoS ONE</i> , 2012 , 7, e46202	3.7	17
63	Gene genealogies reveal differentiation at sex pheromone olfactory receptor loci in pheromone strains of the European corn borer, <i>Ostrinia nubilalis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 1583-93	3.8	18
62	Decoupling of rapid and adaptive evolution among seminal fluid proteins in heliconius butterflies with divergent mating systems. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 2855-71	3.8	32
61	Introgression despite substantial divergence in a broadcast spawning marine invertebrate. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 429-42	3.8	51
60	Reproductive protein evolution in two cryptic species of marine chordate. <i>BMC Evolutionary Biology</i> , 2011 , 11, 18	3	15
59	Polymorphism and divergence within the ascidian genus <i>Ciona</i> . <i>Molecular Phylogenetics and Evolution</i> , 2010 , 56, 718-26	4.1	63
58	Lateral phage transfer in obligate intracellular bacteria (wolbachia): verification from natural populations. <i>Molecular Biology and Evolution</i> , 2010 , 27, 501-5	8.3	49
57	Combined EST and proteomic analysis identifies rapidly evolving seminal fluid proteins in <i>Heliconius</i> butterflies. <i>Molecular Biology and Evolution</i> , 2010 , 27, 2000-13	8.3	75
56	A Delta 11 desaturase gene genealogy reveals two divergent allelic classes within the European corn borer (<i>Ostrinia nubilalis</i>). <i>BMC Evolutionary Biology</i> , 2010 , 10, 112	3	5
55	Analysis of genetic diversity in an invasive population of Asian long-horned beetles in Ontario, Canada. <i>Canadian Entomologist</i> , 2009 , 141, 582-594	0.7	21
54	Patterns of Genetic Variation Among Populations of the Asian Longhorned Beetle (Coleoptera: Cerambycidae) in China and Korea. <i>Annals of the Entomological Society of America</i> , 2009 , 102, 895-905	2	16
53	Genealogical discordance and patterns of introgression and selection across a cricket hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2009 , 63, 2999-3015	3.8	54
52	Multiple barriers to gene exchange in a field cricket hybrid zone. <i>Biological Journal of the Linnean Society</i> , 2009 , 97, 390-402	1.9	26
51	EST analysis of male accessory glands from <i>Heliconius</i> butterflies with divergent mating systems. <i>BMC Genomics</i> , 2008 , 9, 592	4.5	32
50	Searching for candidate speciation genes using a proteomic approach: seminal proteins in field crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 1975-83	4.4	56

49	Hybrid zone origins, species boundaries, and the evolution of wing-pattern diversity in a polytypic species complex of North American admiral butterflies (Nymphalidae: Limenitis). <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 1400-17	3.8	36
48	Phylogeography of spruce beetles (<i>Dendroctonus rufipennis</i> Kirby) (Curculionidae: Scolytinae) in North America. <i>Molecular Ecology</i> , 2007 , 16, 2560-73	5.7	52
47	Microsatellites in the striped ground crickets, <i>Allonemobius</i> (Orthoptera: Gryllidae). <i>Molecular Ecology Notes</i> , 2007 , 7, 1094-1096		
46	Genealogical relationships within and among shallow-water <i>Ciona</i> species (Ascidiacea). <i>Marine Biology</i> , 2007 , 151, 1839-1847	2.5	68
45	Molecular differentiation at nuclear loci in French host races of the European corn borer (<i>Ostrinia nubilalis</i>). <i>Genetics</i> , 2007 , 176, 2343-55	4	40
44	Molecular evolution of seminal proteins in field crickets. <i>Molecular Biology and Evolution</i> , 2006 , 23, 1574-84	4.4	113
43	Viability selection on overwintering eggs in a field cricket mosaic hybrid zone. <i>Oikos</i> , 2006 , 115, 53-68	4	11
42	Identification and comparative analysis of accessory gland proteins in Orthoptera. <i>Genome</i> , 2006 , 49, 1069-80	2.4	70
41	Two multiplex sets of eight and five microsatellite markers for the European corn borer, <i>Ostrinia nubilalis</i> Hbner (Lepidoptera: Crambidae). <i>Molecular Ecology Notes</i> , 2006 , 6, 945-947		12
40	Consequences of reproductive barriers for genealogical discordance in the European corn borer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14706-11	11.5	128
39	Genetic mapping of sexual isolation between E and Z pheromone strains of the European corn borer (<i>Ostrinia nubilalis</i>). <i>Genetics</i> , 2004 , 167, 301-9	4	86
38	Phylogeny and Evolutionary History of the Ground Squirrels (Rodentia: Marmotinae). <i>Journal of Mammalian Evolution</i> , 2003 , 10, 249-276	2.2	105
37	Nuclear gene genealogies reveal historical, demographic and selective factors associated with speciation in field crickets. <i>Genetics</i> , 2003 , 163, 1389-401	4	80
36	A fine-scale spatial analysis of the mosaic hybrid zone between <i>Gryllus firmus</i> and <i>Gryllus pennsylvanicus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 2296-312	3.8	90
35	Do Wolbachia infections play a role in unidirectional incompatibilities in a field cricket hybrid zone?. <i>Molecular Ecology</i> , 2001 , 10, 703-9	5.7	16
34	Isolation and characterization of microsatellites in <i>Aphidius ervi</i> (Hymenoptera: Braconidae) and their applicability to related species. <i>Molecular Ecology Notes</i> , 2001 , 1, 197-199		9
33	Pheromone binding proteins in the European and Asian corn borers: no protein change associated with pheromone differences. <i>Insect Biochemistry and Molecular Biology</i> , 1999 , 29, 277-84	4.5	41
32	Insights into genome differentiation: pheromone-binding protein variation and population history in the European corn borer (<i>Ostrinia nubilalis</i>). <i>Genetics</i> , 1999 , 153, 1743-51	4	28

31	PATTERNS OF VARIATION AND LINKAGE DISEQUILIBRIUM IN A FIELD CRICKET HYBRID ZONE. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 493-505	3.8	116
30	Patterns of Variation and Linkage Disequilibrium in a Field Cricket Hybrid Zone. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 493	3.8	54
29	Inferences about the origin of a field cricket hybrid zone from a mitochondrial DNA phylogeny. <i>Heredity</i> , 1997 , 79 (Pt 5), 484-94	3.6	36
28	Balancing selection on electrophoretic variation of phosphoglucose isomerase in two species of field cricket: <i>Gryllus veletis</i> and <i>G. offnsylvanicus</i> . <i>Genetics</i> , 1997 , 147, 609-21	4	40
27	Mitochondrial DNA phylogeny of North American field crickets: perspectives on the evolution of life cycles, songs, and habitat associations. <i>Journal of Evolutionary Biology</i> , 1995 , 8, 209-232	2.3	52
26	Spatial Population Structure in the Whirligig Beetle <i>Dineutus assimilis</i> : Evolutionary Inferences Based on Mitochondrial DNA and Field Data. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 266	3.8	15
25	SPATIAL POPULATION STRUCTURE IN THE WHIRLIGIG BEETLE <i>DINEUTUS ASSIMILIS</i> : EVOLUTIONARY INFERENCES BASED ON MITOCHONDRIAL DNA AND FIELD DATA. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 266-275	3.8	32
24	MITOCHONDRIAL DNA VARIATION WITHIN AND BETWEEN SPECIES OF THE <i>PAPILIO MACHAON</i> GROUP OF SWALLOWTAIL BUTTERFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 408-422	3.8	69
23	Variation in Mitochondrial DNA and the Biogeographic History of Woodrats (<i>Neotoma</i>) of the Eastern United States. <i>Systematic Biology</i> , 1992 , 41, 331	8.4	15
22	Variation in Mitochondrial DNA and the Biogeographic History of Woodrats (<i>Neotoma</i>) of the Eastern United States. <i>Systematic Biology</i> , 1992 , 41, 331-344	8.4	79
21	Ecological Genetics of a Mosaic Hybrid Zone: Mitochondrial, Nuclear, and Reproductive Differentiation of Crickets by Soil Type. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 432	3.8	99
20	Animal mitochondrial DNA as a genetic marker in population and evolutionary biology. <i>Trends in Ecology and Evolution</i> , 1989 , 4, 6-11	10.9	438
19	ECOLOGICAL GENETICS OF A MOSAIC HYBRID ZONE: MITOCHONDRIAL, NUCLEAR, AND REPRODUCTIVE DIFFERENTIATION OF CRICKETS BY SOIL TYPE. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 432-449	3.8	207
18	HYBRIDIZATION IN WESTERN ATLANTIC STONE CRABS (GENUS <i>MENIPPE</i>): EVOLUTIONARY HISTORY AND ECOLOGICAL CONTEXT INFLUENCE SPECIES INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1988 , 42, 528-544	3.8	71
17	Pattern and process in a narrow hybrid zone. <i>Heredity</i> , 1986 , 56, 337-349	3.6	229
16	Mitochondrial DNA transmission genetics in crickets. <i>Genetics</i> , 1986 , 114, 955-70	4	94
15	BARRIERS TO GENE EXCHANGE BETWEEN CLOSELY RELATED CRICKET SPECIES. II. LIFE CYCLE VARIATION AND TEMPORAL ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 244-259	3.8	63
14	Barriers to Gene Exchange Between Closely Related Cricket Species. II. Life Cycle Variation and Temporal Isolation. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 244	3.8	21

13	Habitat Segregation in Ground Crickets: Experimental Studies of Adult Survival, Reproductive Success, and Oviposition Preference. <i>Ecology</i> , 1984 , 65, 61-68	4.6	16
12	Habitat Segregation in Ground Crickets: The Role of Interspecific Competition and Habitat Selection. <i>Ecology</i> , 1984 , 65, 69-76	4.6	27
11	The Notch locus of <i>Drosophila melanogaster</i> : A molecular analysis. <i>Genesis</i> , 1983 , 4, 233-254		12
10	Barriers to Gene Exchange Between Closely Related Cricket Species. I. Laboratory Hybridization Studies. <i>Evolution; International Journal of Organic Evolution</i> , 1983 , 37, 245	3.8	31
9	Patterns of Genetic Variation within and among Gypsy Moth, <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae), Populations. <i>Annals of the Entomological Society of America</i> , 1983 , 76, 652-656	2	57
8	BARRIERS TO GENE EXCHANGE BETWEEN CLOSELY RELATED CRICKET SPECIES. I. LABORATORY HYBRIDIZATION STUDIES. <i>Evolution; International Journal of Organic Evolution</i> , 1983 , 37, 245-251	3.8	58
7	A Narrow Hybrid Zone Between Closely Related Cricket Species. <i>Evolution; International Journal of Organic Evolution</i> , 1982 , 36, 535	3.8	27
6	A NARROW HYBRID ZONE BETWEEN CLOSELY RELATED CRICKET SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 1982 , 36, 535-552	3.8	64
5	Return of the Hopeful Monster? - The Material Basis of Evolution. Richard B. Goldschmidt, with an introduction by Stephen J. Gould. Yale University Press; New Haven. 1982. (Reprint of 1940 edition.) xlii + 436 pp. \$12.95 (paperback).. <i>Paleobiology</i> , 1982 , 8, 459-463	2.6	2
4	SPECIATION IN NORTH AMERICAN FIELD CRICKETS: EVIDENCE FROM ELECTROPHORETIC COMPARISONS. <i>Evolution; International Journal of Organic Evolution</i> , 1979 , 33, 1009-1023	3.8	51
3	Allozyme Differentiation between Pheromone Strains of the European Corn Borer, <i>Ostrinia nubilalis</i> 1,2. <i>Annals of the Entomological Society of America</i> , 1977 , 70, 717-720	2	47
2	Parallel variation at an enzyme locus in sibling species of field crickets. <i>Nature</i> , 1977 , 266, 168-70	50.4	29
1	Inferences about the origin of a field cricket hybrid zone from a mitochondrial DNA phylogeny		4