

# Oliver A Ryder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8343305/publications.pdf>

Version: 2024-02-01

59  
papers

12,441  
citations

168829

31  
h-index

156644

58  
g-index

71  
all docs

71  
docs citations

71  
times ranked

17597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in the PRNP gene of Pere David's deer ( <i>Elaphurus davidianus</i> ) may impact genetic vulnerability to chronic wasting disease. <i>Conservation Genetics</i> , 2022, 23, 313-323.	0.8	2
2	The Earth BioGenome Project 2020: Starting the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	124
3	Darwinian genomics and diversity in the tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
4	Why sequence all eukaryotes?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	51
5	Response to Bakker et al.. <i>Current Biology</i> , 2022, 32, R358-R359.	1.8	1
6	Reference genome and demographic history of the most endangered marine mammal, the vaquita. <i>Molecular Ecology Resources</i> , 2021, 21, 1008-1020.	2.2	54
7	Facultative Parthenogenesis in California Condors. <i>Journal of Heredity</i> , 2021, 112, 569-574.	1.0	11
8	Rewinding Extinction in the Northern White Rhinoceros: Genetically Diverse Induced Pluripotent Stem Cell Bank for Genetic Rescue. <i>Stem Cells and Development</i> , 2021, 30, 177-189.	1.1	19
9	An Annotated Draft Genome for the Andean Bear, <i>Tremarctos ornatus</i> . <i>Journal of Heredity</i> , 2021, 112, 377-384.	1.0	6
10	Towards complete and error-free genome assemblies of all vertebrate species. <i>Nature</i> , 2021, 592, 737-746.	13.7	1,139
11	Correcting parentage relationships in the endangered California Condor: Improving mean kinship estimates for conservation management. <i>Condor</i> , 2021, 123, .	0.7	8
12	Genetic and ecological evidence of long-term translocation success of the federally endangered Stephens' kangaroo rat. <i>Conservation Science and Practice</i> , 2021, 3, e478.	0.9	4
13	Historical population declines prompted significant genomic erosion in the northern and southern white rhinoceros ( <i>Ceratotherium simum</i> ). <i>Molecular Ecology</i> , 2021, 30, 6355-6369.	2.0	39
14	Genome-wide diversity in the California condor tracks its prehistoric abundance and decline. <i>Current Biology</i> , 2021, 31, 2939-2946.e5.	1.8	35
15	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	13.5	49
16	Platypus and echidna genomes reveal mammalian biology and evolution. <i>Nature</i> , 2021, 592, 756-762.	13.7	85
17	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	13.7	251
18	The tuatara genome reveals ancient features of amniote evolution. <i>Nature</i> , 2020, 584, 403-409.	13.7	105

#	ARTICLE	IF	CITATIONS
19	Exploring the limits of saving a subspecies: The ethics and social dynamics of restoring northern white rhinos ( <i>Ceratotherium simum cottoni</i> ). <i>Conservation Science and Practice</i> , 2020, 2, e241.	0.9	12
20	Broad host range of SARS-CoV-2 predicted by comparative and structural analysis of ACE2 in vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22311-22322.	3.3	517
21	A draft genome assembly of spotted hyena, <i>Crocuta crocuta</i> . <i>Scientific Data</i> , 2020, 7, 126.	2.4	6
22	Fitness costs associated with ancestry to isolated populations of an endangered species. <i>Conservation Genetics</i> , 2020, 21, 589-601.	0.8	18
23	An integrated chromosome-scale genome assembly of the Masai giraffe ( <i>Giraffa camelopardalis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	13
24	Precision nomenclature for the new genomics. <i>GigaScience</i> , 2019, 8, .	3.3	23
25	Large-scale ruminant genome sequencing provides insights into their evolution and distinct traits. <i>Science</i> , 2019, 364, .	6.0	266
26	Viable Cell Culture Banking for Biodiversity Characterization and Conservation. <i>Annual Review of Animal Biosciences</i> , 2018, 6, 83-98.	3.6	31
27	Draft genome of the milu ( <i>Elaphurus davidianus</i> ). <i>GigaScience</i> , 2018, 7, .	3.3	22
28	Hologenomic adaptations underlying the evolution of sanguivory in the common vampire bat. <i>Nature Ecology and Evolution</i> , 2018, 2, 659-668.	3.4	124
29	Genetic variation of complete mitochondrial genome sequences of the Sumatran rhinoceros ( <i>Dicerorhinus sumatrensis</i> ). <i>Conservation Genetics</i> , 2018, 19, 397-408.	0.8	8
30	Contrasting evolutionary history, anthropogenic declines and genetic contact in the northern and southern white rhinoceros ( <i>Ceratotherium simum</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181567.	1.2	17
31	Evaluating recovery potential of the northern white rhinoceros from cryopreserved somatic cells. <i>Genome Research</i> , 2018, 28, 780-788.	2.4	39
32	A High-Quality, Long-Read De Novo Genome Assembly to Aid Conservation of Hawaii's Last Remaining Crow Species. <i>Genes</i> , 2018, 9, 393.	1.0	22
33	The Case of X and Y Localization of Nucleolus Organizer Regions (NORs) in <i>Tragulus javanicus</i> (Cetartiodactyla, Mammalia). <i>Genes</i> , 2018, 9, 312.	1.0	7
34	X Chromosome Evolution in <i>Cetartiodactyla</i> . <i>Genes</i> , 2017, 8, 216.	1.0	24
35	The Use of Genomics in Conservation Management of the Endangered Visayan Warty Pig ( <i>Sus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	12
36	Applying SNP-Derived Molecular Coancestry Estimates to Captive Breeding Programs. <i>Journal of Heredity</i> , 2016, 107, 403-412.	1.0	34

#	ARTICLE	IF	CITATIONS
37	Rewinding the process of mammalian extinction. <i>Zoo Biology</i> , 2016, 35, 280-292.	0.5	99
38	A Road Map for 21st Century Genetic Restoration: Gene Pool Enrichment of the Black-Footed Ferret. <i>Journal of Heredity</i> , 2015, 106, 581-592.	1.0	39
39	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.	6.0	1,583
40	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	6.0	895
41	Species concepts for conservation – Reply to Russello and Amato. <i>Biological Conservation</i> , 2014, 170, 334-335.	1.9	3
42	Conservation Genomics of Threatened Animal Species. <i>Annual Review of Animal Biosciences</i> , 2013, 1, 261-281.	3.6	129
43	Great ape genetic diversity and population history. <i>Nature</i> , 2013, 499, 471-475.	13.7	768
44	Implications of different species concepts for conserving biodiversity. <i>Biological Conservation</i> , 2012, 153, 25-31.	1.9	263
45	Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , 2012, 483, 169-175.	13.7	663
46	Induced pluripotent stem cells from highly endangered species. <i>Nature Methods</i> , 2011, 8, 829-831.	9.0	164
47	Comparative and demographic analysis of orang-utan genomes. <i>Nature</i> , 2011, 469, 529-533.	13.7	541
48	Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification. <i>Science</i> , 2011, 334, 521-524.	6.0	1,264
49	Chromosome painting in Tragulidae facilitates the reconstruction of Ruminantia ancestral karyotype. <i>Chromosome Research</i> , 2011, 19, 531-539.	1.0	25
50	The sequence and de novo assembly of the giant panda genome. <i>Nature</i> , 2010, 463, 311-317.	13.7	1,058
51	Got Hybridization? A Multidisciplinary Approach for Informing Science Policy. <i>BioScience</i> , 2010, 60, 384-388.	2.2	40
52	Forests of the Night: Refugia of Genetic Diversity in Wild Tigers. <i>PLoS Genetics</i> , 2009, 5, e1000603.	1.5	0
53	The value of avian genomics to the conservation of wildlife. <i>BMC Genomics</i> , 2009, 10, S10.	1.2	75
54	Cryobanking of viable biomaterials: implementation of new strategies for conservation purposes. <i>Molecular Ecology</i> , 2009, 18, 1030-1033.	2.0	55

#	ARTICLE	IF	CITATIONS
55	Construction of a California condor BAC library and first-generation chickenâ€condor comparative physical map as an endangered species conservation genomics resource. <i>Genomics</i> , 2006, 88, 711-718.	1.3	34
56	Cloning advances and challenges for conservation. <i>Trends in Biotechnology</i> , 2002, 20, 231-232.	4.9	38
57	Molecular phylogenetics and the origins of placental mammals. <i>Nature</i> , 2001, 409, 614-618.	13.7	1,292
58	The potential use of âœœcloningâ€in the conservation effort. <i>Zoo Biology</i> , 1997, 16, 295-300.	0.5	34
59	Isolation of Membrane-Associated Folded Chromosomes from <i>Escherichia coli</i> : Effect of Protein Synthesis Inhibition. <i>Journal of Bacteriology</i> , 1974, 120, 1356-1363.	1.0	48