

# Robert W Reid

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,254  
citations

331259

21  
h-index

276539

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using ultraconserved elements to track the influence of sea-level change on leafy seadragon populations. <i>Molecular Ecology</i> , 2021, 30, 1364-1380.	2.0	16
2	Population genetic structure of a broadcast-spawning coral across a tropical-temperate transition zone reveals regional differentiation and high-latitude reef isolation. <i>Journal of Biogeography</i> , 2021, 48, 3185-3195.	1.4	3
3	The first complete mitochondrial genome of the sand dollar <i>Sinaechinocyamus mai</i> (Echinoidea): Tj ETQq1 1 0.784314 rgBT / Overlock	1.3	16
4	Active Notch signaling is required for arm regeneration in a brittle star. <i>PLoS ONE</i> , 2020, 15, e0232981.	1.1	16
5	Identification of mixed linkage $\beta$ -glucan quantitative trait loci and evaluation of <i>AsCslF6</i> homoeologs in hexaploid oat. <i>Crop Science</i> , 2020, 60, 914-933.	0.8	16
6	Automated gene data integration with Databio. <i>BMC Research Notes</i> , 2020, 13, 195.	0.6	1
7	Indomethacin enhances anti-tumor efficacy of a MUC1 peptide vaccine against breast cancer in MUC1 transgenic mice. <i>PLoS ONE</i> , 2019, 14, e0224309.	1.1	13
8	A newly discovered radiation of endoparasitic gastropods and their coevolution with asteroid hosts in Antarctica. <i>BMC Evolutionary Biology</i> , 2019, 19, 180.	3.2	10
9	LinkageMapView rendering high-resolution linkage and QTL maps. <i>Bioinformatics</i> , 2018, 34, 306-307.	1.8	171
10	Connecting nutrition composition measures to biomedical research. <i>BMC Research Notes</i> , 2018, 11, 883.	0.6	2
11	The Leafy Seadragon, <i>Phycodurus eques</i> , a Flagship Species with Low But Structured Genetic Variability. <i>Journal of Heredity</i> , 2017, 108, esw075.	1.0	8
12	Molecular phylogeny of extant Holothuroidea (Echinodermata). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 110-131.	1.2	133
13	Salt tolerance response revealed by RNA-Seq in a diploid halophytic wild relative of sweet potato. <i>Scientific Reports</i> , 2017, 7, 9624.	1.6	22
14	The phylogeny of extant starfish (Asteroidea: Echinodermata) including <i>Xyloplax</i> , based on comparative transcriptomics. <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 161-170.	1.2	40
15	Transcriptome Dataset of Halophyte Beach Morning Glory, a Close Wild Relative of Sweet Potato. <i>Frontiers in Plant Science</i> , 2016, 7, 1267.	1.7	1
16	A Consensus Map in Cultivated Hexaploid Oat Reveals Conserved Grass Synteny with Substantial Subgenome Rearrangement. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0102.	1.6	85
17	EchinoDB, an application for comparative transcriptomics of deeply-sampled clades of echinoderms. <i>BMC Bioinformatics</i> , 2016, 17, 48.	1.2	26
18	New deep-sea species of <i>Xenoturbella</i> and the position of Xenacoelomorpha. <i>Nature</i> , 2016, 530, 94-97.	13.7	124

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19	Phylotranscriptomic analysis uncovers a wealth of tissue inhibitor of metalloproteinases variants in echinoderms. <i>Royal Society Open Science</i> , 2015, 2, 150377.	1.1	21
20	Genetic analysis of glucosinolate variability in broccoli florets using genome-anchored single nucleotide polymorphisms. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1431-1447.	1.8	14
21	Regional differentiation and extensive hybridization between mitochondrial clades of the Southern Ocean giant sea spider <i>Colossendeis megalonyx</i> . <i>Royal Society Open Science</i> , 2015, 2, 140424.	1.1	30
22	RNA-Seq analysis and annotation of a draft blueberry genome assembly identifies candidate genes involved in fruit ripening, biosynthesis of bioactive compounds, and stage-specific alternative splicing. <i>GigaScience</i> , 2015, 4, 5.	3.3	138
23	A Dwarf Male Reversal in Bone-Eating Worms. <i>Current Biology</i> , 2015, 25, 236-241.	1.8	29
24	Early osteoblast responses to orthopedic implants: Synergy of surface roughness and chemistry of bioactive ceramic coating. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1961-1973.	2.1	21
25	A need for a transdisciplinary environment: the Plant Pathways Elucidation Project. <i>Trends in Plant Science</i> , 2014, 19, 485-487.	4.3	4
26	High-density single nucleotide polymorphism (SNP) array mapping in <i>Brassica oleracea</i> : identification of QTL associated with carotenoid variation in broccoli florets. <i>Theoretical and Applied Genetics</i> , 2014, 127, 2051-2064.	1.8	30
27	Patterns of simple sequence repeats in cultivated blueberries ( <i>Vaccinium</i> section <i>Cyanococcus</i> spp.) and their use in revealing genetic diversity and population structure. <i>Molecular Breeding</i> , 2014, 34, 675-689.	1.0	84
28	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. <i>Marine Biology</i> , 2013, 160, 2295-2317.	0.7	79
29	Reproductive variance in planar spawning <i>Chromodoris</i> species (Mollusca: Nudibranchia). <i>Molluscan Research</i> , 2013, 33, 265-271.	0.2	1
30	Students' perspective on genomics: from sample to sequence using the case study of blueberry. <i>Frontiers in Genetics</i> , 2013, 4, 245.	1.1	4
31	A Species Flock Driven by Predation? Secondary Metabolites Support Diversification of Slugs in Antarctica. <i>PLoS ONE</i> , 2013, 8, e80277.	1.1	76
32	Peak Studio: a tool for the visualization and analysis of fragment analysis files. <i>Environmental Microbiology Reports</i> , 2012, 4, 556-561.	1.0	21
33	Association Between Composition of the Human Gastrointestinal Microbiome and Development of Fatty Liver With Choline Deficiency. <i>Gastroenterology</i> , 2011, 140, 976-986.	0.6	512
34	Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 187-193.	1.2	62
35	Spawning and development in <i>Osedax</i> boneworms (Siboglinidae, Annelida). <i>Marine Biology</i> , 2009, 156, 395-405.	0.7	59
36	The Florida amphioxus (Cephalochordata) hosts larvae of the tapeworm <i>Acanthobothrium brevis</i> : natural history, anatomy and taxonomic identification of the parasite. <i>Acta Zoologica</i> , 2009, 90, 75-86.	0.6	18

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37	Determining gene expression on a single pair of microarrays. BMC Bioinformatics, 2008, 9, 489.	1.2	6
38	Unexpected improvement in stability and utility of cytochrome c by solution in biocompatible ionic liquids. Biotechnology and Bioengineering, 2006, 94, 1209-1213.	1.7	169
39	BOLD MRI mapping of transient hyperemia in skeletal muscle after single contractions. NMR in Biomedicine, 2004, 17, 392-398.	1.6	75
40	Effect of aerobic capacity on the T <sub>2</sub> increase in exercised skeletal muscle. Journal of Applied Physiology, 2001, 90, 897-902.	1.2	48
41	Biarticular and monoarticular muscle activation and injury in human quadriceps muscle. European Journal of Applied Physiology, 2001, 85, 185-190.	1.2	48