

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 | 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 |
| 2 | LinkageMapView rendering high-resolution linkage and QTL maps. <i>Bioinformatics</i> , 2018, 34, 306-307. | 1.8 | 171 |
| 3 | Unexpected improvement in stability and utility of cytochrome c by solution in biocompatible ionic liquids. <i>Biotechnology and Bioengineering</i> , 2006, 94, 1209-1213. | 1.7 | 169 |
| 4 | 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 |
| 5 | Molecular phylogeny of extant Holothuroidea (Echinodermata). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 110-131. | 1.2 | 133 |
| 6 | New deep-sea species of <i>Xenoturbella</i> and the position of Xenacoelomorpha. <i>Nature</i> , 2016, 530, 94-97. | 13.7 | 124 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | A Species Flock Driven by Predation? Secondary Metabolites Support Diversification of Slugs in Antarctica. <i>PLoS ONE</i> , 2013, 8, e80277. | 1.1 | 76 |
| 11 | BOLD MRI mapping of transient hyperemia in skeletal muscle after single contractions. <i>NMR in Biomedicine</i> , 2004, 17, 392-398. | 1.6 | 75 |
| 12 | Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 187-193. | 1.2 | 62 |
| 13 | Spawning and development in <i>Osedax</i> boneworms (Siboglinidae, Annelida). <i>Marine Biology</i> , 2009, 156, 395-405. | 0.7 | 59 |
| 14 | Effect of aerobic capacity on the T_{2^*} increase in exercised skeletal muscle. <i>Journal of Applied Physiology</i> , 2001, 90, 897-902. | 1.2 | 48 |
| 15 | Biarticular and monoarticular muscle activation and injury in human quadriceps muscle. <i>European Journal of Applied Physiology</i> , 2001, 85, 185-190. | 1.2 | 48 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | A Dwarf Male Reversal in Bone-Eating Worms. <i>Current Biology</i> , 2015, 25, 236-241. | 1.8 | 29 |
| 20 | EchinoDB, an application for comparative transcriptomics of deeply-sampled clades of echinoderms. <i>BMC Bioinformatics</i> , 2016, 17, 48. | 1.2 | 26 |
| 21 | 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 |
| 22 | PeakStudio: a tool for the visualization and analysis of fragment analysis files. <i>Environmental Microbiology Reports</i> , 2012, 4, 556-561. | 1.0 | 21 |
| 23 | 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 |
| 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 | 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 |
| 26 | The first complete mitochondrial genome of the sand dollar <i>Sinaechinocyamus mai</i> (Echinoidea). <i>Journal of Molecular Evolution</i> , 2010, 70, 107-115. | 1.3 | 16 |
| 27 | Active Notch signaling is required for arm regeneration in a brittle star. <i>PLoS ONE</i> , 2020, 15, e0232981. | 1.1 | 16 |
| 28 | Identification of mixed linkage ß-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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Determining gene expression on a single pair of microarrays. <i>BMC Bioinformatics</i> , 2008, 9, 489. | 1.2 | 6 |
| 35 | 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 |
| 36 | A need for a transdisciplinary environment: the Plant Pathways Elucidation Project. <i>Trends in Plant Science</i> , 2014, 19, 485-487. | 4.3 | 4 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Connecting nutrition composition measures to biomedical research. <i>BMC Research Notes</i> , 2018, 11, 883. | 0.6 | 2 |
| 39 | Reproductive variance in planar spawning <i>Chromodoris</i> species (Mollusca: Nudibranchia). <i>Molluscan Research</i> , 2013, 33, 265-271. | 0.2 | 1 |
| 40 | 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 |
| 41 | Automated gene data integration with Databio. <i>BMC Research Notes</i> , 2020, 13, 195. | 0.6 | 1 |