

# Heather Kirk

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,673  
citations

394421

19  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2463  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Whole-slide laser microdissection for tumour enrichment. <i>Journal of Pathology</i> , 2021, 253, 225-233.   | 4.5  | 4         |
| 2  | Complete Mitochondrial Genome of a Gymnosperm, Sitka Spruce ( <i>Picea sitchensis</i> ), Indicates a Complex Physical Structure. <i>Genome Biology and Evolution</i> , 2020, 12, 1174-1179.  | 2.5  | 49        |
| 3  | Evaluation of protocols for rRNA depletion-based RNA sequencing of nanogram inputs of mammalian total RNA. <i>PLoS ONE</i> , 2019, 14, e0224578.   | 2.5  | 12        |
| 4  | Sources of erroneous sequences and artifact chimeric reads in next generation sequencing of genomic DNA from formalin-fixed paraffin-embedded samples. <i>Nucleic Acids Research</i> , 2019, 47, e12-e12.  | 14.5 | 50        |
| 5  | Increasing quality, throughput and speed of sample preparation for strand-specific messenger RNA sequencing. <i>BMC Genomics</i> , 2017, 18, 515.  | 2.8  | 8         |
| 6  | Automated high throughput nucleic acid purification from formalin-fixed paraffin-embedded tissue samples for next generation sequence analysis. <i>PLoS ONE</i> , 2017, 12, e0178706.  | 2.5  | 18        |
| 7  | Intercontinental dispersal of <i>Typha angustifolia</i> and <i>T. latifolia</i> between Europe and North America has implications for <i>Typha</i> invasions. <i>Biological Invasions</i> , 2013, 15, 1377-1390.                                 | 2.4  | 36        |
| 8  | Molecular genetics and genomics generate new insights into invertebrate pest invasions. <i>Evolutionary Applications</i> , 2013, 6, 842-856.   | 3.1  | 91        |
| 9  | Regional differences in the abundance of native, introduced, and hybrid <i>Typha</i> spp. in northeastern North America influence wetland invasions. <i>Biological Invasions</i> , 2013, 15, 2651-2665.  | 2.4  | 39        |
| 10 | Assembling the 20 Gb white spruce ( <i>Picea glauca</i> ) genome from whole-genome shotgun sequencing data. <i>Bioinformatics</i> , 2013, 29, 1492-1497.   | 4.1  | 356       |
| 11 | No evidence for niche segregation in a North American Cattail ( <i>Typha</i> ) species complex. <i>Ecology and Evolution</i> , 2012, 2, 952-961.   | 1.9  | 21        |
| 12 | Transgressive segregation of primary and secondary metabolites in F2 hybrids between <i>Jacobaea aquatica</i> and <i>J. vulgaris</i> . <i>Metabolomics</i> , 2012, 8, 211-219.   | 3.0  | 23        |
| 13 | Can plant resistance to specialist herbivores be explained by plant chemistry or resource use strategy?. <i>Oecologia</i> , 2012, 168, 1043-1055.  | 2.0  | 18        |
| 14 | Applications and Implications of Neutral versus Non-neutral Markers in Molecular Ecology. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3966-3988.  | 4.1  | 183       |
| 15 | Molecular genetic data reveal hybridization between <i>Typha angustifolia</i> and <i>Typha latifolia</i> across a broad spatial scale in eastern North America. <i>Aquatic Botany</i> , 2011, 95, 189-193.                                       | 1.6  | 47        |
| 16 | Pyrrrolizidine alkaloid variation in shoots and roots of segregating hybrids between <i>Jacobaea vulgaris</i> and <i>Jacobaea aquatica</i> . <i>New Phytologist</i> , 2011, 192, 1010-1023.  | 7.3  | 57        |
| 17 | Genetic diversity and differentiation of fragmented reedbeds ( <i>Phragmites australis</i> ) in the United Kingdom. <i>Hydrobiologia</i> , 2011, 665, 107-115.   | 2.0  | 17        |
| 18 | The Relationship between Structurally Different Pyrrrolizidine Alkaloids and Western Flower Thrips Resistance in F2 Hybrids of <i>Jacobaea vulgaris</i> and <i>Jacobaea aquatica</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 1071-1080. | 1.8  | 26        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Long-distance dispersal and high genetic diversity are implicated in the invasive spread of the common reed, <i>Phragmites australis</i> (Poaceae), in northeastern North America. <i>American Journal of Botany</i> , 2011, 98, 1180-1190. | 1.7 | 82        |
| 20 | Species by Environment Interactions Affect Pyrrolizidine Alkaloid Expression in <i>Senecio jacobaea</i> , <i>Senecio aquaticus</i> , and Their Hybrids. <i>Journal of Chemical Ecology</i> , 2010, 36, 378-387.                             | 1.8 | 66        |
| 21 | Maternal effects and heterosis influence the fitness of plant hybrids. <i>New Phytologist</i> , 2005, 166, 685-694.   | 7.3 | 40        |
| 22 | Comparing metabolomes: the chemical consequences of hybridization in plants. <i>New Phytologist</i> , 2005, 167, 613-622.   | 7.3 | 54        |
| 23 | Reproductive fitness of hybrids between <i>Senecio jacobaea</i> and <i>S. aquaticus</i> (Asteraceae). <i>American Journal of Botany</i> , 2005, 92, 1467-1473.  | 1.7 | 14        |
| 24 | Natural hybridization between <i>Senecio jacobaea</i> and <i>Senecio aquaticus</i> : molecular and chemical evidence. <i>Molecular Ecology</i> , 2004, 13, 2267-2274.   | 3.9 | 54        |
| 25 | G2A is an oncogenic G protein-coupled receptor. <i>Oncogene</i> , 2000, 19, 3866-3877.  | 5.9 | 71        |
| 26 | Expression Cloning of <i>Isc</i> , a Novel Oncogene with Structural Similarities to the Dbl Family of Guanine Nucleotide Exchange Factors. <i>Journal of Biological Chemistry</i> , 1996, 271, 18643-18650.                                 | 3.4 | 74        |
| 27 | Expression Cloning of <i>Ifc</i> , a Novel Oncogene with Structural Similarities to Guanine Nucleotide Exchange Factors and to the Regulatory Region of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 1995, 270, 18388-18395.  | 3.4 | 163       |