

Bronwyn E Campbell

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,313
citations

236925

25
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

2745
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Whole-genome sequence of <i>Schistosoma haematobium</i> . <i>Nature Genetics</i> , 2012, 44, 221-225. | 21.4 | 383 |
| 2 | <i>Ascaris suum</i> draft genome. <i>Nature</i> , 2011, 479, 529-533. | 27.8 | 246 |
| 3 | Single-strand conformation polymorphism (SSCP) for the analysis of genetic variation. <i>Nature Protocols</i> , 2006, 1, 3121-3128. | 12.0 | 233 |
| 4 | The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , 2013, 14, R89. | 9.6 | 192 |
| 5 | A combined microscopic-molecular method for the diagnosis of strongylid infections in sheep. <i>International Journal for Parasitology</i> , 2009, 39, 1277-1287. | 3.1 | 93 |
| 6 | Hydrolysis of pyrethroids by carboxylesterases from <i>Lucilia cuprina</i> and <i>Drosophila melanogaster</i> with active sites modified by in vitro mutagenesis. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 597-609. | 2.7 | 90 |
| 7 | Genetic categorization of <i>Echinococcus granulosus</i> from humans and herbivorous hosts in Iran using an integrated mutation scanning phylogenetic approach. <i>Electrophoresis</i> , 2009, 30, 2648-2655. | 2.4 | 77 |
| 8 | Massively Parallel Sequencing and Analysis of the <i>Necator americanus</i> Transcriptome. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e684. | 3.0 | 66 |
| 9 | Classification of <i>Cryptosporidium</i> Species from Patients with Sporadic Cryptosporidiosis by Use of Sequence-Based Multilocus Analysis following Mutation Scanning. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2252-2262. | 3.9 | 62 |
| 10 | A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. <i>Nucleic Acids Research</i> , 2010, 38, e171-e171. | 14.5 | 62 |
| 11 | High resolution melting-curve (HRM) analysis for the diagnosis of cryptosporidiosis in humans. <i>Molecular and Cellular Probes</i> , 2009, 23, 10-15. | 2.1 | 60 |
| 12 | First transcriptomic analysis of the economically important parasitic nematode, <i>Trichostrongylus colubriformis</i> , using a next-generation sequencing approach. <i>Infection, Genetics and Evolution</i> , 2010, 10, 1199-1207. | 2.3 | 55 |
| 13 | Bovine theileriosis – An emerging problem in south-eastern Australia?. <i>Infection, Genetics and Evolution</i> , 2011, 11, 2095-2097. | 2.3 | 52 |
| 14 | Genetic variants of <i>Malassezia pachydermatis</i> from canine skin: body distribution and phospholipase activity. <i>FEMS Yeast Research</i> , 2008, 8, 451-459. | 2.3 | 47 |
| 15 | Differences in transcription between free-living and CO ₂ -activated third-stage larvae of <i>Haemonchus contortus</i> . <i>BMC Genomics</i> , 2010, 11, 266. | 2.8 | 47 |
| 16 | A first insight into the genotypes of <i>Echinococcus granulosus</i> from humans in Mongolia. <i>Molecular and Cellular Probes</i> , 2011, 25, 49-54. | 2.1 | 47 |
| 17 | Genetic classification of <i>Echinococcus granulosus</i> cysts from humans, cattle and camels in Libya using mutation scanning-based analysis of mitochondrial loci. <i>Molecular and Cellular Probes</i> , 2010, 24, 346-351. | 2.1 | 46 |
| 18 | A practical and cost-effective mutation scanning-based approach for investigating genetic variation in <i>Cryptosporidium</i> . <i>Electrophoresis</i> , 2007, 28, 3875-3883. | 2.4 | 44 |

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|----|---|------|-----------|
| 19 | The Transcriptome of <i>Trichuris suis</i> – First Molecular Insights into a Parasite with Curative Properties for Key Immune Diseases of Humans. <i>PLoS ONE</i> , 2011, 6, e23590. | 2.5 | 43 |
| 20 | Gender-enriched transcripts in <i>Haemonchus contortus</i> – predicted functions and genetic interactions based on comparative analyses with <i>Caenorhabditis elegans</i> . <i>International Journal for Parasitology</i> , 2008, 38, 65-83. | 3.1 | 40 |
| 21 | Key strongylid nematodes of animals – Impact of next-generation transcriptomics on systems biology and biotechnology. <i>Biotechnology Advances</i> , 2012, 30, 469-488. | 11.7 | 37 |
| 22 | Norcantharidin analogues with nematocidal activity in <i>Haemonchus contortus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3277-3281. | 2.2 | 36 |
| 23 | Serine/threonine phosphatases in socioeconomically important parasitic nematodes – Prospects as novel drug targets?. <i>Biotechnology Advances</i> , 2011, 29, 28-39. | 11.7 | 35 |
| 24 | Deep insights into <i>Dictyocaulus viviparus</i> transcriptomes provides unique prospects for new drug targets and disease intervention. <i>Biotechnology Advances</i> , 2011, 29, 261-271. | 11.7 | 31 |
| 25 | Over-expression of cytochrome P450 CYP6B7 mRNA and pyrethroid resistance in Australian populations of <i>Helicoverpa armigera</i> (H ₁₄ bnr). , 1998, 54, 195-202. | | 27 |
| 26 | <i>Trichostrongylus vitrinus</i> (Nematoda: Strongylida): Molecular characterization and transcriptional analysis of Tv-stp-1, a serine/threonine phosphatase gene. <i>Experimental Parasitology</i> , 2007, 117, 22-34. | 1.2 | 27 |
| 27 | Molecular characterization of selected dermatophytes and their identification by electrophoretic mutation scanning. <i>Electrophoresis</i> , 2009, 30, 3555-3564. | 2.4 | 24 |
| 28 | Cryptic Parasite Revealed. <i>Advances in Parasitology</i> , 2011, 77, 141-173. | 3.2 | 21 |
| 29 | Multilocus mutation scanning for the analysis of genetic variation within <i>Malassezia</i> (Basidiomycota): Tj ETQq1 1 0.784314 rg BT /Overlo | 2.4 | 18 |
| 30 | Highly sensitive non-isotopic restriction endonuclease fingerprinting of nucleotide variability in the gp60 gene within <i>Cryptosporidium</i> species, genotypes and subgenotypes infective to humans, and its implications. <i>Electrophoresis</i> , 2010, 31, 1637-1647. | 2.4 | 17 |
| 31 | Elucidating ANTs in worms using genomic and bioinformatic tools – Biotechnological prospects?. <i>Biotechnology Advances</i> , 2010, 28, 49-60. | 11.7 | 13 |
| 32 | Discovery of acrylonitrile-based small molecules active against <i>Haemonchus contortus</i> . <i>MedChemComm</i> , 2014, 5, 159-164. | 3.4 | 13 |
| 33 | Characterization of a <i>Caenorhabditis elegans</i> glc seven-like phosphatase (gsp) orthologue from <i>Haemonchus contortus</i> (Nematoda). <i>Molecular and Cellular Probes</i> , 2010, 24, 178-189. | 2.1 | 12 |
| 34 | Genomic characterization of Tv-ant-1, a <i>Caenorhabditis elegans</i> tag-61 homologue from the parasitic nematode <i>Trichostrongylus vitrinus</i> . <i>Gene</i> , 2007, 397, 12-25. | 2.2 | 8 |
| 35 | A vacuolar-type proton (H ⁺) translocating ATPase $\hat{\pm}$ subunit encoded by the Hc-vha-6 gene of <i>Haemonchus contortus</i> . <i>Molecular and Cellular Probes</i> , 2010, 24, 196-203. | 2.1 | 3 |
| 36 | In vitro inhibitory activities of sugarcane extract on avian <i>Eimeria</i> sporozoites. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 1-4. | 3.4 | 3 |

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|----|---|-----|-----------|
| 37 | Major prospects for exploring canine vector borne diseases and novel intervention methods using 'omic technologies. <i>Parasites and Vectors</i> , 2011, 4, 53. | 2.5 | 2 |