# Martha Betson

## List of Publications by Year in descending order



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|---|---|---|---|
| 75 papers | 3,366 citations | 147801 31 h-index | 149698 56 g-index |
| 83 all docs | 83 docs citations | 83 times ranked | 3931 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | VE-Cadherin Regulates Endothelial Actin Activating Rac and Increasing Membrane Association of Tiam. Molecular Biology of the Cell, 2002, 13, 1175-1189. | 2.1 | 226 |
| 2 | Actin at cell-cell junctions is composed of two dynamic and functional populations. Journal of Cell Science, 2005, 118, 5549-5562. | 2.0 | 173 |
| 3 | Tumor progression: Small GTPases and loss of cellâ€“cell adhesion. BioEssays, 2003, 25, 452-463. | 2.5 | 163 |
| 4 | Schistosomiasis in African infants and preschool children: let them now be treated!. Trends in Parasitology, 2013, 29, 197-205. | 3.3 | 156 |
| 5 | Activation of the Small GTPase Rac Is Sufficient to Disrupt Cadherin-dependent Cell-Cell Adhesion in Normal Human Keratinocytes. Molecular Biology of the Cell, 2000, 11, 3703-3721. | 2.1 | 143 |
| 6 | The LIM Protein Ajuba Is Recruited to Cadherin-dependent Cell Junctions through an Association with Î±-Catenin. Journal of Biological Chemistry, 2003, 278, 1220-1228. | 3.4 | 137 |
| 7 | Plasmodium ovale curtisi and Plasmodium ovale wallikeri circulate simultaneously in African communities. International Journal for Parasitology, 2011, 41, 677-683. | 3.1 | 125 |
| 8 | Rac Activation upon Cell-Cell Contact Formation Is Dependent on Signaling from the Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2002, 277, 36962-36969. | 3.4 | 123 |
| 9 | Molecular Epidemiology of Ascariasis: A Global Perspective on the Transmission Dynamics of Ascaris in People and Pigs. Journal of Infectious Diseases, 2014, 210, 932-941. | 4.0 | 109 |
| 10 | Assessing the zoonotic potential ofAscaris suumandTrichuris suis: looking to the future from an analysis of the past. Journal of Helminthology, 2012, 86, 148-155. | 1.0 | 94 |
| 11 | Closing the praziquantel treatment gap: new steps in epidemiological monitoring and control of schistosomiasis in African infants and preschool-aged children. Parasitology, 2011, 138, 1593-1606. | 1.5 | 92 |
| 12 | Armus Is a Rac1 Effector that Inactivates Rab7 and Regulates E-Cadherin Degradation. Current Biology, 2010, 20, 198-208. | 3.9 | 91 |
| 13 | Treatment of intestinal schistosomiasis in Ugandan preschool children: best diagnosis, treatment efficacy and side-effects, and an extended praziquantel dosing pole. International Health, 2010, 2, 103-113. | 2.0 | 88 |
| 14 | Schistosoma mansoni Infections in Young Children: When Are Schistosome Antigens in Urine, Eggs in Stool and Antibodies to Eggs First Detectable?. PLoS Neglected Tropical Diseases, 2011, 5, e938. | 3.0 | 84 |
| 15 | The Drosophila ATM Ortholog, dATM, Mediates the Response to Ionizing Radiation and to Spontaneous DNA Damage during Development. Current Biology, 2004, 14, 1354-1359. | 3.9 | 81 |
| 16 | Performance and Safety of Praziquantel for Treatment of Intestinal Schistosomiasis in Infants and Preschool Children. PLoS Neglected Tropical Diseases, 2012, 6, e1864. | 3.0 | 70 |
| 17 | The Urine Circulating Cathodic Antigen (CCA) Dipstick: A Valid Substitute for Microscopy for Mapping and Point-Of-Care Diagnosis of Intestinal Schistosomiasis. PLoS Neglected Tropical Diseases, 2013, 7, e2008. | 3.0 | 70 |
| 18 | Schistosomiasis in pre-school-age children and their mothers in Chikhwawa district, Malawi with notes on characterization of schistosomes and snails. Parasites and Vectors, 2014, 7, 153. | 2.5 | 65 |

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|---|---|---|---|
| 19 | Asymptomatic and Submicroscopic Carriage ofPlasmodium knowlesiMalaria in Household and Community Members of Clinical Cases in Sabah, Malaysia. Journal of Infectious Diseases, 2016, 213, 784-787. | 4.0 | 64 |
| 20 | Diagnostics for schistosomiasis in Africa and Arabia: a review of present options in control and future needs for elimination. Parasitology, 2014, 141, 1947-1961. | 1.5 | 63 |
| 21 | Transfusion-Transmitted Malaria in Ghana. Clinical Infectious Diseases, 2013, 56, 1735-1741. | 5.8 | 54 |
| 22 | Detection of persistent Plasmodium spp. infections in Ugandan children after artemether-lumefantrine treatment. Parasitology, 2014, 141, 1880-1890. | 1.5 | 54 |
| 23 | Intestinal Schistosomiasis in Mothers and Young Children in Uganda: Investigation of Field-Applicable Markers of Bowel Morbidity. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1048-1055. | 1.4 | 52 |
| 24 | Anaemia in Ugandan preschool-aged children: the relative contribution of intestinal parasites and malaria. Parasitology, 2011, 138, 1534-1545. | 1.5 | 41 |
| 25 | p190A RhoGAP Is a Glycogen Synthase Kinase-3-Î² Substrate Required for Polarized Cell Migration. Journal of Biological Chemistry, 2008, 283, 20978-20988. | 3.4 | 40 |
| 26 | Patterns of intestinal schistosomiasis among mothers and young children from Lake Albert, Uganda: water contact and social networks inferred from wearable global positioning system dataloggers. Geospatial Health, 2012, 7, 1. | 0.8 | 40 |
| 27 | HIV and schistosomiasis co-infection in African children. Lancet Infectious Diseases, The, 2014, 14, 640-649. | 9.1 | 40 |
| 28 | Bovine fasciolosis at increasing altitudes: Parasitological and malacological sampling on the slopes of Mount Elgon, Uganda. Parasites and Vectors, 2012, 5, 196. | 2.5 | 37 |
| 29 | Emergence of Nonfalciparum Plasmodium Infection Despite Regular Artemisinin Combination Therapy in an 18-Month Longitudinal Study of Ugandan Children and Their Mothers. Journal of Infectious Diseases, 2018, 217, 1099-1109. | 4.0 | 35 |
| 30 | Treatment of schistosomiasis in African infants and preschool-aged children: downward extension and biometric optimization of the current praziquantel dose pole. International Health, 2012, 4, 95-102. | 2.0 | 34 |
| 31 | Fecal Occult Blood and Fecal Calprotectin as Point-of-Care Markers of Intestinal Morbidity in Ugandan Children with Schistosoma mansoni Infection. PLoS Neglected Tropical Diseases, 2013, 7, e2542. | 3.0 | 34 |
| 32 | Zoonotic Ascariasis, United Kingdom. Emerging Infectious Diseases, 2011, 17, 1964-1966. | 4.3 | 33 |
| 33 | A molecular epidemiological investigation of Ascaris on Unguja, Zanzibar using isoenyzme analysis, DNA barcoding and microsatellite DNA profiling. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2011, 105, 370-379. | 1.8 | 31 |
| 34 | Molecular evidence for sustained transmission of zoonotic Ascaris suum among zoo chimpanzees (Pan troglodytes). Veterinary Parasitology, 2010, 171, 273-276. | 1.8 | 30 |
| 35 | Detection and quantification of schistosome DNA in freshwater snails using either fluorescent probes in real-time PCR or oligochromatographic dipstick assays targeting the ribosomal intergenic spacer. Acta Tropica, 2013, 128, 241-249. | 2.0 | 30 |
| 36 | Environmental Epidemiology of Intestinal Schistosomiasis in Uganda: Population Dynamics ofBiomphalaria(Gastropoda: Planorbidae) in Lake Albert and Lake Victoria with Observations on Natural Infections with Digenetic Trematodes. BioMed Research International, 2015, 2015, 1-11. | 1.9 | 30 |

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|---|---|---|---|
| 37 | Investigating the spatial micro-epidemiology of diseases within a point-prevalence sample: a field applicable method for rapid mapping of households using low-cost GPS-dataloggers. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2011, 105, 500-506. | 1.8 | 29 |
| 38 | Investigating portable fluorescent microscopy (CyScopeÂ®) as an alternative rapid diagnostic test for malaria in children and women of child-bearing age. Malaria Journal, 2010, 9, 245. | 2.3 | 28 |
| 39 | Eco-social processes influencing infectious disease emergence and spread. Parasitology, 2017, 144, 26-36. | 1.5 | 28 |
| 40 | Human Trichuriasis: Whipworm Genetics, Phylogeny, Transmission and Future Research Directions. Current Tropical Medicine Reports, 2015, 2, 209-217. | 3.7 | 26 |
| 41 | A genetic analysis of Trichuris trichiura and Trichuris suis from Ecuador. Parasites and Vectors, 2015, 8, 168. | 2.5 | 25 |
| 42 | Confirmed Infection with Intestinal Schistosomiasis in Semi-Captive Wild-Born Chimpanzees on Ngamba Island, Uganda. Vector-Borne and Zoonotic Diseases, 2011, 11, 169-176. | 1.5 | 24 |
| 43 | Whipworms in humans and pigs: origins and demography. Parasites and Vectors, 2016, 9, 37. | 2.5 | 21 |
| 44 | Use of Fecal Occult Blood Tests as Epidemiologic Indicators of Morbidity Associated with Intestinal Schistosomiasis during Preventive Chemotherapy in Young Children. American Journal of Tropical Medicine and Hygiene, 2012, 87, 694-700. | 1.4 | 20 |
| 45 | Genetic diversity of Ascaris in southwestern Uganda. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 75-83. | 1.8 | 20 |
| 46 | Taenia solium porcine cysticercosis in Madagascar: Comparison of immuno-diagnostic techniques and estimation of the prevalence in pork carcasses traded in Antananarivo city. Veterinary Parasitology, 2016, 219, 77-83. | 1.8 | 19 |
| 47 | Ascaris phylogeny based on multiple whole mtDNA genomes. Infection, Genetics and Evolution, 2017, 48, 4-9. | 2.3 | 19 |
| 48 | Status of insecticide susceptibility in Anopheles gambiae s.l. from malaria surveillance sites in The Gambia. Malaria Journal, 2009, 8, 187. | 2.3 | 18 |
| 49 | New Insights into the Molecular Epidemiology and Population Genetics of Schistosoma mansoni in Ugandan Pre-school Children and Mothers. PLoS Neglected Tropical Diseases, 2013, 7, e2561. | 3.0 | 18 |
| 50 | Brain food: rethinking food-borne toxocariasis. Parasitology, 2022, 149, 1-9. | 1.5 | 17 |
| 51 | Ascaris lumbricoidesorAscaris suum: Whatâ€²s in a Name?. Journal of Infectious Diseases, 2016, 213, 1355.2-1356. | 4.0 | 16 |
| 52 | Drosophila Rho-kinase (DRok) is required for tissue morphogenesis in diverse compartments of the egg chamber during oogenesis. Developmental Biology, 2006, 297, 417-432. | 2.0 | 15 |
| 53 | An inclusive dose pole for treatment of schistosomiasis in infants and preschool children with praziquantel. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 740-742. | 1.8 | 14 |
| 54 | INVESTIGATION OF THE PRESENCE OFATOXOPLASMASPP. IN BLUE-CROWNED LAUGHINGTHRUSH (DRYONASTES COURTOISI) ADULTS AND NEONATES. Journal of Zoo and Wildlife Medicine, 2017, 48, 1-6. | 0.6 | 14 |

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|---|---|---|---|
| 55 | Zoonotic transmission of intestinal helminths in southeast Asia: Implications for control and elimination. Advances in Parasitology, 2020, 108, 47-131. | 3.2 | 14 |
| 56 | Characterization of the Î²-tubulin gene family in Ascaris lumbricoides and Ascaris suum and its implication for the molecular detection of benzimidazole resistance. PLoS Neglected Tropical Diseases, 2021, 15, e0009777. | 3.0 | 13 |
| 57 | A Rho-Binding Protein Kinase C-Like Activity Is Required for the Function of Protein Kinase N in Drosophila Development. Genetics, 2007, 176, 2201-2212. | 2.9 | 12 |
| 58 | Contamination of Soil, Water, Fresh Produce, and Bivalve Mollusks with Toxoplasma gondii Oocysts: A Systematic Review. Microorganisms, 2022, 10, 517. | 3.6 | 12 |
| 59 | Field survey for strongyloidiasis in eastern Uganda with observations on efficacy of preventive chemotherapy and co-occurrence of soil-transmitted helminthiasis/intestinal schistosomiasis. Journal of Helminthology, 2011, 85, 325-333. | 1.0 | 10 |
| 60 | Schistosoma mansoni Infection in Preschool-Aged Children: Development of Immunoglobulin E and Immunoglobulin G4 Responses to Parasite Allergen-Like Proteins. Journal of Infectious Diseases, 2013, 207, 362-366. | 4.0 | 9 |
| 61 | From the Twig Tips to the Deeper Branches. , 2013, , 265-285. | | 8 |
| 62 | Characterization ofAscarisfrom Ecuador and Zanzibar. Journal of Helminthology, 2015, 89, 512-515. | 1.0 | 8 |
| 63 | Molecular detection of Angiostrongylus vasorum in gastropods in Surrey, UK. Parasitology Research, 2019, 118, 1051-1054. | 1.6 | 8 |
| 64 | Intestinal schistosomiasis in chimpanzees on Ngamba Island, Uganda: observations on liver fibrosis, schistosome genetic diversity and praziquantel treatment. Parasitology, 2013, 140, 285-295. | 1.5 | 7 |
| 65 | First report demonstrating the presence of Toxocara spp. eggs on vegetables grown in community gardens in Europe. Food and Waterborne Parasitology, 2022, 27, e00158. | 2.7 | 7 |
| 66 | Co-infection of intestinal helminths in humans and animals in the Philippines. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2022, 116, 727-735. | 1.8 | 6 |
| 67 | Analysis of Ribosomal DNA Cannot Unequivocally Assign Ascaris to Species Level or Identify Hybrids. Journal of Infectious Diseases, 2017, 216, 616-617. | 4.0 | 4 |
| 68 | Getting to the bottom of toxocariasis prevention. Public Health, 2018, 165, 152-153. | 2.9 | 3 |
| 69 | Current methods for the detection of antimalarial drug resistance in Plasmodium parasites infecting humans. Acta Tropica, 2021, 216, 105828. | 2.0 | 3 |
| 70 | A novel metabarcoded deep amplicon sequencing tool for disease surveillance and determining the species composition of Trypanosoma in cattle and other farm animals. Acta Tropica, 2022, 230, 106416. | 2.0 | 3 |
| 71 | Artemther-lumefantrine is partially effective for treating chronic multi-species malaria in Ugandan pre-school children. Malaria Journal, 2012, 11, . | 2.3 | 2 |
| 72 | Public Health Policy Pillars for the Sustainable Elimination of Zoonotic Schistosomiasis. Frontiers in Tropical Diseases, 2022, 3, . | 1.4 | 2 |

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|---|---|---|---|
| 73 | Plasmodium ovale sp. and Plasmodium malariae in Africa: difficult items of business on the malaria eradication agenda. Malaria Journal, 2010, 9, . | 2.3 | 1 |
| 74 | Toxocara and toxocarosis a roundtable discussion. Companion Animal, 2016, 21, 225-235. | 0.2 | 0 |
| 75 | Survey of anthelmintic use in South American camelids in the UK. Veterinary Record, 2021, 189, e774. | 0.3 | 0 |