

Michael Brimacombe

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,606
citations

257450

24
h-index

133252

59
g-index

67
all docs

67
docs citations

67
times ranked

5322
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Prevalence of motor impairment in autism spectrum disorders. <i>Brain and Development</i> , 2007, 29, 565-570. | 1.1 | 440 |
| 2 | Population Genetics Study of Isoniazid Resistance Mutations and Evolution of Multidrug-Resistant <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2640-2649. | 3.2 | 364 |
| 3 | Telomere Length and Mortality: A Study of Leukocytes in Elderly Danish Twins. <i>American Journal of Epidemiology</i> , 2008, 167, 799-806. | 3.4 | 250 |
| 4 | Leukocyte Telomere Dynamics: Longitudinal Findings Among Young Adults in the Bogalusa Heart Study. <i>American Journal of Epidemiology</i> , 2008, 169, 323-329. | 3.4 | 248 |
| 5 | Offspring's Leukocyte Telomere Length, Paternal Age, and Telomere Elongation in Sperm. <i>PLoS Genetics</i> , 2008, 4, e37. | 3.5 | 224 |
| 6 | Autism Spectrum Disorders: Concurrent Clinical Disorders. <i>Journal of Child Neurology</i> , 2008, 23, 6-13. | 1.4 | 213 |
| 7 | Reduced cardiac parasympathetic activity in children with autism. <i>Brain and Development</i> , 2005, 27, 509-516. | 1.1 | 194 |
| 8 | The association of autism diagnosis with socioeconomic status. <i>Autism</i> , 2012, 16, 201-213. | 4.1 | 156 |
| 9 | Seasonal Patterns in Monthly Hemoglobin A1c Values. <i>American Journal of Epidemiology</i> , 2005, 161, 565-574. | 3.4 | 135 |
| 10 | Dopamine Receptor 4 (DRD4) 7-Repeat Allele Predicts Methylphenidate Dose Response in Children with Attention Deficit Hyperactivity Disorder: A Pharmacogenetic Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2004, 14, 564-574. | 1.3 | 109 |
| 11 | Role of <i>embB</i> Codon 306 Mutations in <i>Mycobacterium tuberculosis</i> Revisited: a Novel Association with Broad Drug Resistance and IS <i>6110</i> Clustering Rather than Ethambutol Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3794-3802. | 3.2 | 103 |
| 12 | Where the O ₂ goes to: preservation of human fetal oxygen delivery and consumption at high altitude. <i>Journal of Physiology</i> , 2009, 587, 693-708. | 2.9 | 91 |
| 13 | Chronic obstructive pulmonary disease and mortality following hip fracture: a population-based cohort study. <i>European Journal of Epidemiology</i> , 2008, 23, 115-122. | 5.7 | 80 |
| 14 | Maternal oxygen delivery is not related to altitude- and ancestry-associated differences in human fetal growth. <i>Journal of Physiology</i> , 2007, 582, 883-895. | 2.9 | 75 |
| 15 | Pediatricians' Knowledge, Training, and Experience in the Care of Children With Fetal Alcohol Syndrome. <i>Pediatrics</i> , 2006, 118, e657-e668. | 2.1 | 68 |
| 16 | Leukocyte telomere length is associated with HDL cholesterol levels: The Bogalusa heart study. <i>Atherosclerosis</i> , 2009, 205, 620-625. | 0.8 | 68 |
| 17 | Treatment of Clinical Hypothyroidism With Thyroxine and Triiodothyronine: A Literature Review and Metaanalysis. <i>Psychosomatics</i> , 2007, 48, 379-384. | 2.5 | 59 |
| 18 | Higher circulating levels of IGF-1 are associated with longer leukocyte telomere length in healthy subjects. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 771-776. | 4.6 | 54 |

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|----|---|-----|-----------|
| 19 | Improved Knowledge, Attitudes, and Behaviors After Implementation of TeamSTEPPS Training in an Academic Emergency Department. <i>American Journal of Medical Quality</i> , 2016, 31, 86-90. | 0.5 | 48 |
| 20 | Effects of body mass, climate, geography, and census area on population density of terrestrial mammals. <i>Global Ecology and Biogeography</i> , 2001, 10, 469-485. | 5.8 | 46 |
| 21 | Cranial surgery with an expanded compact intraoperative magnetic resonance imager. <i>Journal of Neurosurgery</i> , 2006, 104, 611-617. | 1.6 | 39 |
| 22 | What determines health? To where should we shift resources?. <i>Social Science and Medicine</i> , 2001, 53, 1611-1619. | 3.8 | 34 |
| 23 | Antibody Responses to SARS-CoV-2 After Infection or Vaccination in Children and Young Adults With Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1019-1026. | 1.9 | 33 |
| 24 | Assessing Autonomic Dysfunction Symptoms in Children: A Pilot Study. <i>Journal of Child Neurology</i> , 2011, 26, 420-427. | 1.4 | 29 |
| 25 | Convergent Evolutionary Analysis Identifies Significant Mutations in Drug Resistance Targets of <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3369-3376. | 3.2 | 27 |
| 26 | Article Commentary: Autism Spectrum Disorders and Identified Toxic Land Fills: Co-Occurrence across States. <i>Environmental Health Insights</i> , 2008, 2, EHI.S830. | 1.7 | 26 |
| 27 | Prevalence of Parasomnia in Autistic Children with Sleep Disorders. <i>Clinical Medicine Pediatrics</i> , 2009, 3, CMPed.S1139. | 0.1 | 25 |
| 28 | The risk of shoulder dystocia related permanent fetal injury in relation to birth weight. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 136, 53-60. | 1.1 | 23 |
| 29 | Rifampin Resistance, Beijing-W Clade-Single Nucleotide Polymorphism Cluster Group 2 Phylogeny, and the Ry2629 191-C Allele in <i>Mycobacterium tuberculosis</i> Strains. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2555-2560. | 3.9 | 23 |
| 30 | Stereotactic Accuracy of a Compact Intraoperative MRI System. <i>Stereotactic and Functional Neurosurgery</i> , 2007, 85, 69-74. | 1.5 | 21 |
| 31 | Inhaled Dornase alfa (Pulmozyme) as a noninvasive treatment of atelectasis in mechanically ventilated patients. <i>Journal of Critical Care</i> , 2013, 28, 218.e1-218.e7. | 2.2 | 21 |
| 32 | Applying Diabetes-Related Prevention Quality Indicators to a National Cohort of Veterans With Diabetes. <i>Diabetes Care</i> , 2003, 26, 3017-3023. | 8.6 | 19 |
| 33 | Comparison of Lipid Management in Patients With Coronary Versus Peripheral Arterial Disease. <i>American Journal of Cardiology</i> , 2014, 113, 1320-1325. | 1.6 | 19 |
| 34 | Vancomycin Trough and Acute Kidney Injury: A Large Retrospective, Cohort Study. <i>American Journal of Nephrology</i> , 2016, 44, 456-461. | 3.1 | 19 |
| 35 | Immunological Variables Mediate Cognitive Dysfunction in Gulf War Veterans but Not Civilians with Chronic Fatigue Syndrome. <i>NeuroImmunoModulation</i> , 2002, 10, 93-100. | 1.8 | 17 |
| 36 | Report from the CDC. Physician and Allied Health Professionals' Training and Fetal Alcohol Syndrome. <i>Journal of Women's Health</i> , 2004, 13, 133-139. | 3.3 | 17 |

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|----|--|-----|-----------|
| 37 | Methodological Challenges in Conducting Research with Refugee Women. <i>Issues in Mental Health Nursing</i> , 2017, 38, 344-351. | 1.2 | 16 |
| 38 | Patient complexity in quality comparisons for glycemic control: An observational study. <i>Implementation Science</i> , 2009, 4, 2. | 6.9 | 15 |
| 39 | Cytologic and biochemical changes associated with inoculation of amniotic fluid and meconium into lungs of neonatal rats. <i>American Journal of Veterinary Research</i> , 2001, 62, 1636-1641. | 0.6 | 13 |
| 40 | Radiation-induced reductions in transporter mRNA levels parallel reductions in intestinal sugar transport. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R173-R182. | 1.8 | 13 |
| 41 | Familial Risk Factors in Autism. <i>Journal of Child Neurology</i> , 2007, 22, 593-597. | 1.4 | 12 |
| 42 | Shoulder dystocia related fetal neurological injuries: the predisposing roles of forceps and ventouse extractions. <i>Archives of Gynecology and Obstetrics</i> , 2008, 277, 415-422. | 1.7 | 11 |
| 43 | Clinical and Host Biological Factors Predict Colectomy Risk in Children Newly Diagnosed With Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2021, , . | 1.9 | 11 |
| 44 | Kawasaki Disease Hospitalizations in the United States 2016–2020. <i>Pediatric Infectious Disease Journal</i> , 2021, Publish Ahead of Print, e407-e412. | 2.0 | 11 |
| 45 | THORACIC RADIOGRAPHIC APPEARANCE IN THE NORMAL LLAMA. <i>Veterinary Radiology and Ultrasound</i> , 2001, 42, 28-37. | 0.9 | 10 |
| 46 | Invasive pneumococcal disease in an underimmunized, high HIV prevalence population. <i>Journal of Infection</i> , 2008, 56, 99-102. | 3.3 | 8 |
| 47 | Title is missing!. <i>Journal of Clinical Psychology in Medical Settings</i> , 2002, 9, 309-314. | 1.4 | 7 |
| 48 | Donor-specific antibodies present at the time of kidney transplantation in immunologically unmodified patients increase the risk of acute rejection. <i>Transplant Immunology</i> , 2016, 37, 18-22. | 1.2 | 7 |
| 49 | The impact of orthoses on gait in children with Charcot-Marie-Tooth disease. <i>Gait and Posture</i> , 2021, 85, 198-204. | 1.4 | 7 |
| 50 | Comparing Artificial Intelligence and Traditional Methods to Identify Factors Associated With Pediatric Asthma Readmission. <i>Academic Pediatrics</i> , 2022, 22, 55-61. | 2.0 | 7 |
| 51 | Effects of Meteorological Variables on the Incidence of Rupture of Intracranial Aneurysms in Central New Jersey. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 238-244. | 0.8 | 6 |
| 52 | High-dimensional data and linear models: a review. <i>Open Access Medical Statistics</i> , 0, , 17. | 0.5 | 4 |
| 53 | Birth Order and its Association with the Onset of Chronic Fatigue Syndrome. <i>Human Biology</i> , 2002, 74, 615-620. | 0.2 | 3 |
| 54 | Educating Health Professionals about Fetal Alcohol Spectrum Disorders. <i>American Journal of Health Education</i> , 2007, 38, 364-373. | 0.6 | 3 |

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|----|---|-----|-----------|
| 55 | Shoulder dystocia related fetal neurological injuries: the role of diabetic control. Open Medicine (Poland), 2009, 4, 76-83. | 1.3 | 3 |
| 56 | Cognitive Function Index for Patients with Chronic Fatigue Syndrome. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Research and Clinical Practice, 2004, 12, 3-23. | 0.4 | 2 |
| 57 | Corrigendum to "Reduced cardiac parasympathetic activity in children with autism" [Brain Dev 27/7 (2005) 509-516]. Brain and Development, 2012, 34, 704. | 1.1 | 2 |
| 58 | Genomic aggregation effects and Simpson's paradox. Open Access Medical Statistics, 2014, , 1. | 0.5 | 2 |
| 59 | Pharmaceutical treatment studies in autism and ADHD: A design based review of study quality. Journal of Pediatric Neurology, 2015, 05, 189-197. | 0.2 | 2 |
| 60 | Large sample convergence diagnostics for likelihood based inference: Logistic regression. Statistical Methodology, 2016, 33, 114-130. | 0.5 | 2 |
| 61 | Local Curvature and Centering Effects in Nonlinear Regression Models. Open Journal of Statistics, 2016, 06, 76-84. | 0.7 | 2 |
| 62 | Percutaneous hamstring lengthening in cerebral palsy: Technique and gait outcomes based on GMFCS level. Gait and Posture, 2022, 91, 318-325. | 1.4 | 2 |
| 63 | Reducing Radiation Exposure in Lumbar Transforaminal Epidural Steroid Injections with Pulsed Fluoroscopy: A Randomized, Double-blind, Controlled Clinical Trial. Pain Physician, 2018, 21, 53-60. | 0.4 | 2 |
| 64 | A Note on Linear and Second Order Significance Testing in Nonlinear Models. International Journal of Statistics and Probability, 2015, 5, 19. | 0.3 | 1 |
| 65 | Sexual Health of HIV Infected Patients Attending KUMC ID Clinic. Open Forum Infectious Diseases, 2014, 1, S421-S421. | 0.9 | 0 |