

# Robert T Walton

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

4,569  
citations

94433

37  
h-index

102487

66  
g-index

86  
all docs

86  
docs citations

86  
times ranked

7023  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | STOP "A training intervention to optimise treatment for smoking cessation in community pharmacies: cluster randomised controlled trial. BMC Medicine, 2022, 20, .  | 5.5  | 0         |
| 2  | A Qualitative Study of Factors Influencing Adherence among Pregnant Women Taking Part in a Trial of E-Cigarettes for Smoking Cessation. International Journal of Environmental Research and Public Health, 2021, 18, 430.                                  | 2.6  | 8         |
| 3  | Time to change the paradigm? A mixed method study of the preferred and potential features of an asthma self-management app. Health Informatics Journal, 2020, 26, 862-879.   | 2.1  | 17        |
| 4  | Mendelian randomization case-control PheWAS in UK Biobank shows evidence of causality for smoking intensity in 28 distinct clinical conditions. EClinicalMedicine, 2020, 26, 100488.   | 7.1  | 16        |
| 5  | Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. ELife, 2020, 9, .   | 6.0  | 21        |
| 6  | Evaluating NHS Stop Smoking Service engagement in community pharmacies using simulated smokers: fidelity assessment of a theory-based intervention. BMJ Open, 2019, 9, e026841.  | 1.9  | 9         |
| 7  | Evaluating the effectiveness and cost-effectiveness of the Smoking Treatment Optimisation in Pharmacies (STOP) intervention: protocol for a cluster randomised controlled trial. Trials, 2019, 20, 337.  | 1.6  | 4         |
| 8  | Impact of London's low emission zone on air quality and children's respiratory health: a sequential annual cross-sectional study. Lancet Public Health, The, 2019, 4, e28-e40.   | 10.0 | 79        |
| 9  | Case finding and therapy for chronic viral hepatitis in primary care (HepFREE): a cluster-randomised controlled trial. The Lancet Gastroenterology and Hepatology, 2019, 4, 32-44.   | 8.1  | 22        |
| 10 | Prevalence, determinants and clinical correlates of vitamin D deficiency in adults with inhaled corticosteroid-treated asthma in London, UK. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 88-96.                                      | 2.5  | 14        |
| 11 | Prevalence, determinants and clinical correlates of vitamin D deficiency in patients with Chronic Obstructive Pulmonary Disease in London, UK. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 138-145.                                  | 2.5  | 31        |
| 12 | Vitamin D receptor genotype influences risk of upper respiratory infection. British Journal of Nutrition, 2018, 120, 891-900.  | 2.3  | 41        |
| 13 | Strategies to promote adoption and usage of an application to support asthma self-management: a qualitative observational study. BMJ Health and Care Informatics, 2018, 25, 243-253.   | 3.0  | 20        |
| 14 | Creating a Theoretically Grounded, Gamified Health App: Lessons From Developing the Cigbreak Smoking Cessation Mobile Phone Game. JMIR Serious Games, 2018, 6, e10252.   | 3.1  | 29        |
| 15 | Immunogenetics of HIV-2 Infection. , 2018, , 1066-1070.  |      | 0         |
| 16 | Smoking treatment optimisation in pharmacies (STOP): a cluster randomised pilot trial of a training intervention. Pilot and Feasibility Studies, 2017, 3, 1.   | 1.2  | 16        |
| 17 | Equipping community pharmacy workers as agents for health behaviour change: developing and testing a theory-based smoking cessation intervention. BMJ Open, 2017, 7, e015637.  | 1.9  | 16        |
| 18 | Determining counselling communication strategies associated with successful quits in the National Health Service community pharmacy Stop Smoking programme in East London: a focused ethnography using recorded consultations. BMJ Open, 2017, 7, e015664. | 1.9  | 4         |

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|----|---|------|-----------|
| 19 | The use of mobile applications to support self-management for people with asthma: a systematic review of controlled studies to identify features associated with clinical effectiveness and adherence. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 619-632. | 4.4  | 141       |
| 20 | Hepatitis B virus infection as a neglected tropical disease. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005842.  | 3.0  | 79        |
| 21 | KIR content genotypes associate with carriage of hepatitis B surface antigen, e antigen and HBV viral load in Gambians. <i>PLoS ONE</i> , 2017, 12, e0188307.   | 2.5  | 13        |
| 22 | Estimation of Saliva Cotinine Cut-Off Points for Active and Passive Smoking during Pregnancy—Polish Mother and Child Cohort (REPRO_PL). <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1216.  | 2.6  | 22        |
| 23 | Air pollution, ethnicity and telomere length in east London schoolchildren: An observational study. <i>Environment International</i> , 2016, 96, 41-47.   | 10.0 | 44        |
| 24 | Helpful advice and hidden expertise: pharmacy users' experiences of community pharmacy accessibility. <i>Journal of Public Health</i> , 2016, 39, 609-615.  | 1.8  | 21        |
| 25 | What works for whom in pharmacist-led smoking cessation support: realist review. <i>BMC Medicine</i> , 2016, 14, 209.   | 5.5  | 39        |
| 26 | Understanding recruitment and retention in the NHS community pharmacy stop smoking service: perceptions of smoking cessation advisers. <i>BMJ Open</i> , 2016, 6, e010921.  | 1.9  | 21        |
| 27 | Environmental and genetic determinants of vitamin D status among older adults in London, UK. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 30-35.   | 2.5  | 31        |
| 28 | Single nucleotide polymorphisms in the vitamin D pathway associating with circulating concentrations of vitamin D metabolites and non-skeletal health outcomes: Review of genetic association studies. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 18-29.           | 2.5  | 96        |
| 29 | Effects of Air Pollution and the Introduction of the London Low Emission Zone on the Prevalence of Respiratory and Allergic Symptoms in Schoolchildren in East London: A Sequential Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0109121.  | 2.5  | 34        |
| 30 | Double-blind randomised placebo-controlled trial of bolus-dose vitamin D <sub>3</sub> supplementation in adults with asthma (ViDiAs). <i>Thorax</i> , 2015, 70, 451-457.  | 5.6  | 99        |
| 31 | Inactive alleles of cytochrome P450 2C19 may be positively selected in human evolution. <i>BMC Evolutionary Biology</i> , 2014, 14, 71.   | 3.2  | 15        |
| 32 | Associations Between Inflammatory and Immune Response Genes and Adverse Respiratory Outcomes Following Exposure to Outdoor Air Pollution: A HuGE Systematic Review. <i>American Journal of Epidemiology</i> , 2014, 179, 432-442.   | 3.4  | 52        |
| 33 | Maternal Genotype and Severe Preeclampsia: A HuGE Review. <i>American Journal of Epidemiology</i> , 2014, 180, 335-345.   | 3.4  | 62        |
| 34 | Population Genetic Analyses of <i>Helicobacter pylori</i> Isolates from Gambian Adults and Children. <i>PLoS ONE</i> , 2014, 9, e109466.  | 2.5  | 12        |
| 35 | DHCR7 mutations linked to higher vitamin D status allowed early human migration to Northern latitudes. <i>BMC Evolutionary Biology</i> , 2013, 13, 144.   | 3.2  | 56        |
| 36 | Interferon- $\gamma$ ELISPOT as a Biomarker of Treatment Efficacy in Latent Tuberculosis Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 439-445.   | 5.6  | 49        |

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|----|--|------|-----------|
| 37 | Antimicrobial Susceptibility and Resistance Patterns among <i>Helicobacter pylori</i> Strains from The Gambia, West Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1231-1237.                                    | 3.2  | 45        |
| 38 | The role of zebrafish ( <i>Danio rerio</i> ) in dissecting the genetics and neural circuits of executive function. <i>Frontiers in Neural Circuits</i> , 2013, 7, 63.  | 2.8  | 107       |
| 39 | HMOX1 Gene Promoter Alleles and High HO-1 Levels Are Associated with Severe Malaria in Gambian Children. <i>PLoS Pathogens</i> , 2012, 8, e1002579.  | 4.7  | 81        |
| 40 | Need to test impact of DNA-based risk scores. <i>Thorax</i> , 2012, 67, 835-835.   | 5.6  | 1         |
| 41 | Treatment for tobacco dependence: a potential application for stratified medicine?. <i>Personalized Medicine</i> , 2011, 8, 571-579.   | 1.5  | 2         |
| 42 | PCR-based genotyping of <i>Helicobacter pylori</i> of Gambian children and adults directly from biopsy specimens and bacterial cultures. <i>Gut Pathogens</i> , 2011, 3, 5.  | 3.4  | 15        |
| 43 | Randomized Trial of Safety and Effectiveness of Chlorproguanil-Dapsone and Lumefantrine-Artemether for Uncomplicated Malaria in Children in The Gambia. <i>PLoS ONE</i> , 2011, 6, e17371.   | 2.5  | 23        |
| 44 | Mixed Infection with <i>cagA</i> Positive and <i>cagA</i> Negative Strains of <i>Helicobacter pylori</i> Lowers Disease Burden in The Gambia. <i>PLoS ONE</i> , 2011, 6, e27954.   | 2.5  | 25        |
| 45 | Influence of <i>HLA</i> Class I and <i>HLA-KIR</i> Compound Genotypes on HIV-2 Infection and Markers of Disease Progression in a Manjako Community in West Africa. <i>Journal of Virology</i> , 2010, 84, 8202-8208.               | 3.4  | 41        |
| 46 | Effects of genetic variation at the <i>CYP2C19</i> / <i>CYP2C9</i> locus on pharmacokinetics of chlorcycloguanil in adult Gambians. <i>Pharmacogenomics</i> , 2009, 10, 1423-1431.   | 1.3  | 17        |
| 47 | Molecular pathogenesis and early detection of hepatocellular carcinoma – Perspectives from West Africa. <i>Cancer Letters</i> , 2009, 286, 44-51.  | 7.2  | 8         |
| 48 | HIV and Chemokine Binding to Red Blood Cells – DARC Matters. <i>Cell Host and Microbe</i> , 2008, 4, 3-5.  | 11.0 | 20        |
| 49 | The serotonin transporter 5-HTTLPR polymorphism and treatment response to nicotine patch: Follow-up of a randomized controlled trial. <i>Nicotine and Tobacco Research</i> , 2007, 9, 225-231.                                     | 2.6  | 56        |
| 50 | Association of COMT Val108/158Met Genotype with Smoking Cessation in a Nicotine Replacement Therapy Randomized Trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1065-1069.                                  | 2.5  | 58        |
| 51 | Effects of Acute Nicotine Abstinence on Cue-elicited Ventral Striatum/Nucleus Accumbens Activation in Female Cigarette Smokers: A Functional Magnetic Resonance Imaging Study. <i>Brain Imaging and Behavior</i> , 2007, 1, 43-57. | 2.1  | 89        |
| 52 | Determinants of the rate of nicotine metabolism and effects on smoking behavior. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 80, 319-330.  | 4.7  | 123       |
| 53 | Haplotype block structure of the cytochrome P450 CYP2C gene cluster on chromosome 10. <i>Nature Genetics</i> , 2005, 37, 915-916.  | 21.4 | 25        |
| 54 | Association of serotonin transporter gene polymorphism with nicotine dependence: no evidence for an interaction with trait neuroticism. <i>Personality and Individual Differences</i> , 2005, 38, 843-850.                         | 2.9  | 39        |

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|----|---|-----|-----------|
| 55 | Association between the serotonin transporter gene and alcohol consumption in social drinkers. , 2005, 135B, 10-14.   |     | 41        |
| 56 | A Functional Genetic Variation of the Serotonin (5-HT) Transporter Affects 5-HT<sub>1A</sub>Receptor Binding in Humans. Journal of Neuroscience, 2005, 25, 2586-2590.                               | 3.6 | 253       |
| 57 | Ventral Striatum/Nucleus Accumbens Activation to Smoking-Related Pictorial Cues in Smokers and Nonsmokers: A Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2005, 58, 488-494. | 1.3 | 259       |
| 58 | Level of nicotine replacement during a quit-smoking attempt. Nicotine and Tobacco Research, 2004, 6, 377-379.   | 2.6 | 12        |
| 59 | Zyban for smoking cessation in a general practice setting: the response to an invitation to make a quit attempt. Addiction Biology, 2004, 9, 227-232.   | 2.6 | 7         |
| 60 | Effectiveness of nicotine patches in relation to genotype in women versus men: randomised controlled trial. BMJ: British Medical Journal, 2004, 328, 989-990.                                       | 2.3 | 97        |
| 61 | Identification of CYP2B6 Sequence Variants by Use of Multiplex PCR with Allele-Specific Genotyping. Clinical Chemistry, 2004, 50, 1372-1377.  | 3.2 | 52        |
| 62 | The genetic basis for smoking behavior: A systematic review and meta-analysis. Nicotine and Tobacco Research, 2004, 6, 583-598.   | 2.6 | 280       |
| 63 | Zyban for smoking cessation in a general practice setting: the response to an invitation to make a quit attempt. Addiction Biology, 2004, 9, 227-232.   | 2.6 | 6         |
| 64 | Inflammatory Bowel Disease Is Linked to 19p13 and Associated with ICAM-1. Inflammatory Bowel Diseases, 2004, 10, 173-181.   | 1.9 | 52        |
| 65 | Identification and characterization of ANKK1: A novel kinase gene closely linked to DRD2 on chromosome band 11q23.1. Human Mutation, 2004, 23, 540-545.   | 2.5 | 541       |
| 66 | Genetic variation in dopaminergic pathways and short-term effectiveness of the nicotine patch. Pharmacogenetics and Genomics, 2004, 14, 83-90.  | 5.7 | 141       |
| 67 | Mapping the HLA association in Behçet's disease: A role for tumor necrosis factor polymorphisms?. Arthritis and Rheumatism, 2003, 48, 807-813.  | 6.7 | 123       |
| 68 | Does the DRD2-Taq1 A polymorphism influence treatment response to bupropion hydrochloride for reduction of the nicotine withdrawal syndrome?. Nicotine and Tobacco Research, 2003, 5, 935-942.      | 2.6 | 53        |
| 69 | Abstinence from smoking eight years after participation in randomised controlled trial of nicotine patch. BMJ: British Medical Journal, 2003, 327, 28-29.   | 2.3 | 79        |
| 70 | Haplotype-specific linkage disequilibrium patterns define the genetic topography of the human MHC. Human Molecular Genetics, 2003, 12, 647-56.  | 2.9 | 52        |
| 71 | Genetic testing: the future of smoking cessation therapy?. Expert Review of Molecular Diagnostics, 2002, 2, 60-68.  | 3.1 | 6         |
| 72 | Polymorphisms in dopamine metabolic enzymes and tobacco consumption in smokers: seeking confirmation of the association in a follow-up study. Pharmacogenetics and Genomics, 2002, 12, 585-587.     | 5.7 | 25        |

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|----|---|-----|-----------|
| 73 | No association between functional catechol O-methyl transferase 1947A>G polymorphism and smoking initiation, persistent smoking or smoking cessation. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 265-268. | 5.7 | 48        |
| 74 | Characterization of Cytochrome P450 2D6 Alleles Using the Invader <sup>®</sup> , <sup>†</sup> System. <i>BioTechniques</i> , 2002, 32, S34-S43.   | 1.8 | 31        |
| 75 | Genetic clues to the molecular basis of tobacco addiction and progress towards personalized therapy. <i>Trends in Molecular Medicine</i> , 2001, 7, 70-76.  | 6.7 | 50        |
| 76 | New directions in the genetic mechanisms underlying nicotine addiction. <i>Addiction Biology</i> , 2001, 6, 109-117.  | 2.6 | 41        |
| 77 | Computer support for interpreting family histories of breast and ovarian cancer in primary care: comparative study with simulated cases. <i>BMJ: British Medical Journal</i> , 2000, 321, 28-32.                | 2.3 | 92        |
| 78 | Association between polymorphisms in dopamine metabolic enzymes and tobacco consumption in smokers. <i>Pharmacogenetics and Genomics</i> , 2000, 10, 483-491.   | 5.7 | 125       |
| 79 | Computer support for determining drug dose: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 1999, 318, 984-990.  | 2.3 | 92        |
| 80 | Pharmacogenomics of Tobacco Addiction. , 0, , 443-460.  |     | 2         |
| 81 | Pharmacogenomics and Smoking Cessation. <i>Novartis Foundation Symposium</i> , 0, , 184-196.  | 1.1 | 0         |