

# Lize van der Merwe

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

4,432  
citations

94433

37  
h-index

138484

58  
g-index

121  
all docs

121  
docs citations

121  
times ranked

6906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic variation in neuropeptide Y interacts with childhood trauma to influence anxiety sensitivity. <i>Anxiety, Stress and Coping</i> , 2021, 34, 450-464.	2.9	4
2	Optimizing $\beta$ -Lactams against Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1155-1157.	5.6	6
3	Quantification of viable bacterial load in artificial sputum spiked with <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2019, 115, 140-145.	1.9	1
4	Liquid mycobacterial culture outcomes after different sputum collection techniques before and during treatment. <i>Tuberculosis</i> , 2019, 116, 17-21.	1.9	2
5	Modification of the association between antipsychotic treatment response and childhood adversity by MMP9 gene variants in a first-episode schizophrenia cohort. <i>Psychiatry Research</i> , 2018, 262, 141-148.	3.3	18
6	Association between pro-inflammatory alleles and allergic phenotypes in Xhosa adolescents. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 311-317.	2.6	10
7	Fine-mapping of antipsychotic response genome-wide association studies reveals novel regulatory mechanisms. <i>Pharmacogenomics</i> , 2017, 18, 105-120.	1.3	14
8	Association between serotonin transporter gene polymorphisms and increased suicidal risk among HIV positive patients in Uganda. <i>BMC Genetics</i> , 2017, 18, 71.	2.7	10
9	Clinical Overestimation of HER2 Positivity in Early Estrogen and Progesterone Receptor-Positive Breast Cancer and the Value of Molecular Subtyping Using Blueprint. <i>Journal of Global Oncology</i> , 2017, 3, 314-322.	0.5	3
10	Altered Mitochondrial Respiration and Other Features of Mitochondrial Function in Parkin-Mutant Fibroblasts from Parkinson's Disease Patients. <i>Parkinson's Disease</i> , 2016, 2016, 1-11.	1.1	40
11	The identification of novel genetic variants associated with antipsychotic treatment response outcomes in first-episode schizophrenia patients. <i>Pharmacogenetics and Genomics</i> , 2016, 26, 235-242.	1.5	15
12	$\beta$ -Lactams against Tuberculosis – New Trick for an Old Dog?. <i>New England Journal of Medicine</i> , 2016, 375, 393-394.	27.0	111
13	Impact of MammaPrint on Clinical Decision-Making in South African Patients with Early-Stage Breast Cancer. <i>Breast Journal</i> , 2016, 22, 442-446.	1.0	11
14	Serotonin transporter variants play a role in anxiety sensitivity in South African adolescents. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 66-75.	2.6	5
15	CYP2B6*6 and CYP2B6*18 Predict Long-Term Efavirenz Exposure Measured in Hair Samples in HIV-Positive South African Women. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 529-538.	1.1	16
16	N-Acetyltransferase Genotypes and the Pharmacokinetics and Tolerability of para-Aminosalicylic Acid in Patients with Drug-Resistant Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4129-4138.	3.2	27
17	Extracellular matrix proteins interact with cell signaling pathways in modifying risk of achilles tendinopathy. <i>Journal of Orthopaedic Research</i> , 2015, 33, 898-903.	2.3	19
18	Reduced DNA methylation at the PEG3 DMR and KvDMR1 loci in children exposed to alcohol in utero: a South African Fetal Alcohol Syndrome cohort study. <i>Frontiers in Genetics</i> , 2015, 6, 85.	2.3	36

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19	Simultaneous staining of sputum smears for acid-fast and lipid-containing Myobacterium tuberculosis can enhance the clinical evaluation of antituberculosis treatments. Tuberculosis, 2015, 95, 770-779.	1.9	25
20	Investigating the Role of Gene-Gene Interactions in TB Susceptibility. PLoS ONE, 2015, 10, e0123970.	2.5	15
21	Fat Mass and Obesity-Associated (FTO) Gene Polymorphisms Are Associated with Physical Activity, Food Intake, Eating Behaviors, Psychological Health, and Modeled Change in Body Mass Index in Overweight/Obese Caucasian Adults. Nutrients, 2014, 6, 3130-3152.	4.1	70
22	Interleukin-6 Gene Polymorphisms, Dietary Fat Intake, Obesity and Serum Lipid Concentrations in Black and White South African Women. Nutrients, 2014, 6, 2436-2465.	4.1	15
23	Variants within the COMP and THBS2 genes are not associated with Achilles tendinopathy in a case-control study of South African and Australian populations. Journal of Sports Sciences, 2014, 32, 92-100.	2.0	7
24	Pre-treatment mycobacterial sputum load influences individual on-treatment measurements. Tuberculosis, 2014, 94, 690-694.	1.9	3
25	Using multi-way admixture mapping to elucidate TB susceptibility in the South African Coloured population. BMC Genomics, 2014, 15, 1021.	2.8	36
26	Time to positivity in liquid culture predicts colony forming unit counts of Mycobacterium tuberculosis in sputum specimens. Tuberculosis, 2014, 94, 148-151.	1.9	32
27	The fat mass and obesity-associated FTO rs9939609 polymorphism is associated with elevated homocysteine levels in patients with multiple sclerosis screened for vascular risk factors. Metabolic Brain Disease, 2014, 29, 409-19.	2.9	29
28	Significance of dietary folate intake, homocysteine levels and MTHFR 677 C>T genotyping in South African patients diagnosed with depression: test development for clinical application. Metabolic Brain Disease, 2014, 29, 377-384.	2.9	19
29	Associations Between Human Leukocyte Antigen Class I Variants and the Mycobacterium tuberculosis Subtypes Causing Disease. Journal of Infectious Diseases, 2014, 209, 216-223.	4.0	59
30	AKAP9 Is a Genetic Modifier of Congenital Long-QT Syndrome Type 1. Circulation: Cardiovascular Genetics, 2014, 7, 599-606.	5.1	59
31	The role of ancestry in TB susceptibility of an admixed South African population. Tuberculosis, 2014, 94, 413-420.	1.9	32
32	Mitochondrial impairment observed in fibroblasts from South African Parkinson's disease patients with parkin mutations. Biochemical and Biophysical Research Communications, 2014, 447, 334-340.	2.1	27
33	Patterns of variation influencing antipsychotic treatment outcomes in South African first-episode schizophrenia patients. Pharmacogenomics, 2014, 15, 189-199.	1.3	17
34	Investigation of variants within the COL27A1 and TNC genes and Achilles tendinopathy in two populations. Journal of Orthopaedic Research, 2013, 31, 632-637.	2.3	44
35	Association Analysis of Two Single-Nucleotide Polymorphisms of the RELN Gene with Autism in the South African Population. Genetic Testing and Molecular Biomarkers, 2013, 17, 93-98.	0.7	18
36	BDNF Val66Met modifies the risk of childhood trauma on obsessive-compulsive disorder. Journal of Psychiatric Research, 2013, 47, 1857-1863.	3.1	43

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37	BDNF Val66Met and DRD2 Taq1A polymorphisms interact to influence PTSD symptom severity: A preliminary investigation in a South African population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 273-280.	4.8	34
38	Associations of MC3R Polymorphisms With Physical Activity in South African Adolescents. <i>Journal of Physical Activity and Health</i> , 2013, 10, 813-825.	2.0	4
39	Patient-control association study of the Leucine-rich repeat kinase 2 (LRRK2) gene in South African Parkinson's disease patients. <i>Movement Disorders</i> , 2013, 28, 2039-2040.	3.9	7
40	A Panel of Ancestry Informative Markers for the Complex Five-Way Admixed South African Coloured Population. <i>PLoS ONE</i> , 2013, 8, e82224.	2.5	74
41	Appetite regulation genes are associated with body mass index in black South African adolescents: a genetic association study. <i>BMJ Open</i> , 2012, 2, e000873.	1.9	28
42	Case/Control Studies With Follow-up: Constructing the Source Population to Estimate Effects of Risk Factors on Development, Disease, and Survival. <i>Clinical Infectious Diseases</i> , 2012, 55, S262-S270.	5.8	13
43	CYP2D6 genotyping and use of antidepressants in breast cancer patients: test development for clinical application. <i>Metabolic Brain Disease</i> , 2012, 27, 319-326.	2.9	9
44	Association of MB-COMT polymorphisms with schizophrenia-susceptibility and symptom severity in an African cohort. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 163-169.	4.8	15
45	The apoptosis pathway and the genetic predisposition to Achilles tendinopathy. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1719-1724.	2.3	62
46	Complete deficiency of the sixth complement component (C6Q0), susceptibility to <i>Neisseria meningitidis</i> infections and analysis of the frequencies of C6Q0 gene defects in South Africans. <i>Clinical and Experimental Immunology</i> , 2012, 167, 459-471.	2.6	23
47	Matrix metalloproteinase genes on chromosome 11q22 and the risk of anterior cruciate ligament (ACL) rupture. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 523-533.	2.9	71
48	Association of Cocaine- and Amphetamine-Related Transcript, Leptin and Leptin Receptor Gene Polymorphisms with Anthropometric Obesity Phenotype Indicators in South African Learners. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011, 4, 210-221.	1.3	4
49	Investigating SAPAP3 variants in the etiology of obsessive-compulsive disorder and trichotillomania in the South African white population. <i>Comprehensive Psychiatry</i> , 2011, 52, 181-187.	3.1	67
50	Comorbid obsessive-compulsive personality disorder in obsessive-compulsive disorder (OCD): A marker of severity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1087-1092.	4.8	46
51	Low Lopinavir Plasma or Hair Concentrations Explain Second-Line Protease Inhibitor Failures in a Resource-Limited Setting. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011, 56, 333-339.	2.1	101
52	Polymorphisms in MC3R promoter and CTSZ 3'UTR are associated with tuberculosis susceptibility. <i>European Journal of Human Genetics</i> , 2011, 19, 676-681.	2.8	38
53	Gene-gene interaction between tuberculosis candidate genes in a South African population. <i>Mammalian Genome</i> , 2011, 22, 100-110.	2.2	45
54	The -308 G/A polymorphism of the tumour necrosis factor-1 $\beta$ gene modifies the association between saturated fat intake and serum total cholesterol levels in white South African women. <i>Genes and Nutrition</i> , 2011, 6, 353-359.	2.5	16

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55	Antiretroviral resistance patterns and factors associated with resistance in adult patients failing NNRTI-based regimens in the western cape, South Africa. <i>Journal of Medical Virology</i> , 2011, 83, 1764-1769.	5.0	34
56	A pathway-based approach investigating the genes encoding interleukin-1, interleukin-6 and the interleukin-1 receptor antagonist provides new insight into the genetic susceptibility of Achilles tendinopathy. <i>British Journal of Sports Medicine</i> , 2011, 45, 1040-1047.	6.7	40
57	Genetic variation in angiotensin II type 2 receptor gene influences extent of left ventricular hypertrophy in hypertrophic cardiomyopathy independent of blood pressure. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 274-280.	1.7	13
58	Antiretrovirals for reducing the risk of mother-to-child transmission of HIV infection. <i>The Cochrane Library</i> , 2011, , CD003510.	2.8	151
59	The R563Q mutation of the epithelial sodium channel beta-subunit is associated with hypertension : cardiovascular topics. <i>Cardiovascular Journal of Africa</i> , 2011, 22, 241-244.	0.4	29
60	Negative association of MC3R variants with weight and blood pressure in Cape Town pupils aged 11 - 16 years. <i>South African Medical Journal</i> , 2011, 101, 417-20.	0.6	7
61	5-HTTLPR Polymorphism: Analysis in South African Autistic Individuals. <i>Human Biology</i> , 2010, 82, 291-300.	0.2	22
62	Catechol-o-Methyltransferase Genotype and Childhood Trauma May Interact to Impact Schizotypal Personality Traits. <i>Behavior Genetics</i> , 2010, 40, 415-423.	2.1	32
63	Lynch syndrome: the influence of environmental factors on extracolonic cancer risk in hMLH1 c.C1528T mutation carriers and their mutation-negative sisters. <i>Familial Cancer</i> , 2010, 9, 357-363.	1.9	14
64	A fas gene polymorphism influences herpes simplex virus type 2 infection in South African women. <i>Journal of Medical Virology</i> , 2010, 82, 2082-2086.	5.0	10
65	Tumor Necrosis Factor- $\alpha$ Gene -308 G/A Polymorphism Modulates the Relationship between Dietary Fat Intake, Serum Lipids, and Obesity Risk in Black South African Women. <i>Journal of Nutrition</i> , 2010, 140, 901-907.	2.9	33
66	Prospective Hospital-Based Surveillance to Estimate Rotavirus Disease Burden in the Gauteng and North West Province of South Africa during 2003-2005. <i>Journal of Infectious Diseases</i> , 2010, 202, S131-S138.	4.0	20
67	Genetic Variation at Selected SNPs in the Leptin Gene and Association of Alleles with Markers of Kidney Disease in a Xhosa Population of South Africa. <i>PLoS ONE</i> , 2010, 5, e9086.	2.5	14
68	Fas and FasL gene polymorphisms are not associated with cervical cancer but differ among Black and Mixed-ancestry South Africans. <i>BMC Research Notes</i> , 2009, 2, 238.	1.4	30
69	Comparison of Site-Specific Bone Mass Indices in South African Children of Different Ethnic Groups. <i>Calcified Tissue International</i> , 2009, 85, 317-325.	3.1	13
70	Identification of a novel functional deletion variant in the 5'-UTR of the DJ-1 gene. <i>BMC Medical Genetics</i> , 2009, 10, 105.	2.1	12
71	A rapid method for detection of five known mutations associated with aminoglycoside-induced deafness. <i>BMC Medical Genetics</i> , 2009, 10, 2.	2.1	39
72	The COL5A1 genotype is associated with range of motion measurements. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 803-810.	2.9	55

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73	Variants within the MMP3 gene are associated with Achilles tendinopathy: possible interaction with the COL5A1 gene. <i>British Journal of Sports Medicine</i> , 2009, 43, 514-520.	6.7	138
74	Abnormal blood pressure response to exercise occurs more frequently in hypertrophic cardiomyopathy patients with the R92W troponin T mutation than in those with myosin mutations. <i>Heart Rhythm</i> , 2009, 6, S18-S24.	0.7	12
75	Variants within the COL5A1 gene are associated with Achilles tendinopathy in two populations. <i>British Journal of Sports Medicine</i> , 2009, 43, 357-365.	6.7	159
76	A study of meningiomas in South Africa: Investigating a correlation between clinical presentation, histopathology and genetic markers. <i>British Journal of Neurosurgery</i> , 2009, 23, 63-70.	0.8	6
77	Neuropsychological status of bipolar I disorder: impact of psychosis. <i>British Journal of Psychiatry</i> , 2009, 194, 243-251.	2.8	55
78	PROTEASE INHIBITOR RESISTANCE IN SOUTH AFRICAN CHILDREN WITH VIROLOGIC FAILURE. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 1125-1127.	2.0	44
79	Genetic variation in angiotensin-converting enzyme 2 gene is associated with extent of left ventricular hypertrophy in hypertrophic cardiomyopathy. <i>Human Genetics</i> , 2008, 124, 57-61.	3.8	28
80	Personality endophenotypes for bipolar affective disorder: a family-based genetic association analysis. <i>Genes, Brain and Behavior</i> , 2008, 7, 869-876.	2.2	52
81	Neuropsychological task performance in bipolar spectrum illness: genetics, alcohol abuse, medication and childhood trauma. <i>Bipolar Disorders</i> , 2008, 10, 479-494.	1.9	98
82	Dysthymic and anxiety-related personality traits in bipolar spectrum illness. <i>Journal of Affective Disorders</i> , 2008, 109, 305-311.	4.1	36
83	Interleukin-1 receptor antagonist gene polymorphisms are associated with disease severity in Black South Africans with rheumatoid arthritis. <i>Joint Bone Spine</i> , 2008, 75, 422-425.	1.6	13
84	Hypomanic, cyclothymic and hostile personality traits in bipolar spectrum illness: A family-based study. <i>Journal of Psychiatric Research</i> , 2008, 42, 920-929.	3.1	61
85	The Frequency of the H402 Allele of CFH and Its Involvement with Age-Related Maculopathy in an Aged Black African Xhosa Population. <i>Ophthalmic Genetics</i> , 2008, 29, 117-119.	1.2	15
86	COX-2 promoter polymorphisms and the association with prostate cancer risk in South African men. <i>Carcinogenesis</i> , 2008, 29, 2347-2350.	2.8	21
87	Investigating the role of the brain-derived neurotrophic factor (BDNF) val66met variant in obsessive-compulsive disorder (OCD). <i>World Journal of Biological Psychiatry</i> , 2008, 9, 126-134.	2.6	65
88	Troponin T and $\beta$ -myosin mutations have distinct cardiac functional effects in hypertrophic cardiomyopathy patients without hypertrophy. <i>Cardiovascular Research</i> , 2008, 77, 687-694.	3.8	17
89	The COL12A1 and COL14A1 Genes and Achilles Tendon Injuries. <i>International Journal of Sports Medicine</i> , 2008, 29, 257-263.	1.7	47
90	The relationship between childhood abuse and dissociation. Is it influenced by catechol-O-methyltransferase (COMT) activity?. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 149-61.	2.1	46

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91	A prospective gait analysis study in patients with diplegic cerebral palsy 20 years after selective dorsal rhizotomy. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 180-186.	1.3	80
92	Event-Related Potentials, Reaction Time, and Response Selection of Skilled and Less-Skilled Cricket Batsmen. <i>Perception</i> , 2008, 37, 96-105.	1.2	26
93	African HIV/AIDS Trials Are More Likely to Report Adequate Allocation Concealment and Random Generation than North American Trials. <i>PLoS ONE</i> , 2008, 3, e3491.	2.5	9
94	The association of interleukin-18 genotype and serum levels with metabolic risk factors for cardiovascular disease. <i>European Journal of Endocrinology</i> , 2007, 157, 633-640.	3.7	47
95	Antiretrovirals for reducing the risk of mother-to-child transmission of HIV infection. , 2007, , CD003510.		193
96	Genotype and Childhood Sexual Trauma Moderate Neurocognitive Performance: A Possible Role for Brain-Derived Neurotrophic Factor and Apolipoprotein E Variants. <i>Biological Psychiatry</i> , 2007, 62, 391-399.	1.3	59
97	A South African mixed ancestry family with Huntington disease-like 2: Clinical and genetic features. <i>Movement Disorders</i> , 2007, 22, 2083-2089.	3.9	36
98	Ascaris, co-infection and allergy: the importance of analysis based on immunological variables rather than egg excretion. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 680-682.	1.8	16
99	A 10-year retrospective analysis of pregnancy outcome in pregestational Type 2 diabetes: comparison of insulin and oral glucose-lowering agents. <i>Diabetic Medicine</i> , 2007, 24, 253-258.	2.3	87
100	Lateralization of hand skill in bipolar affective disorder. <i>Genes, Brain and Behavior</i> , 2007, 6, 698-705.	2.2	41
101	Vitamin D receptor gene polymorphisms and sputum conversion time in pulmonary tuberculosis patients. <i>Tuberculosis</i> , 2007, 87, 295-302.	1.9	80
102	Design of Surface Electrode Array for Measuring Conduction Velocity in the Human Genioglossus Muscle. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 335-339.	4.2	4
103	Comparisons of Body Size, Composition, and Whole Body Bone Mass Between North American and South African Children. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1869-1877.	2.8	25
104	A linkage and family-based association analysis of a potential neurocognitive endophenotype of bipolar disorder. <i>NeuroMolecular Medicine</i> , 2007, 9, 101-116.	3.4	7
105	Neurocognitive function in an extended Afrikaner-ancestry family with affective illness. <i>Journal of Psychiatry and Neuroscience</i> , 2007, 32, 116-20.	2.4	5
106	Long-term follow-up of R403WMYH7 and R92WTNNT2 HCM families: mutations determine left ventricular dimensions but not wall thickness during disease progression. <i>Cardiovascular Journal of Africa</i> , 2007, 18, 146-53.	0.4	14
107	Errors in the completion of the death notification form. <i>South African Medical Journal</i> , 2007, 97, 1077-81.	0.6	34
108	Mycotoxin Contamination of Dietary and Medicinal Wild Plants in the Eastern Cape Province of South Africa. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5688-5693.	5.2	49

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109	Depot medroxyprogesterone versus Norethisterone oenanthate for long-acting progestogenic contraception.. The Cochrane Library, 2006, , CD005214.	2.8	25
110	Recall of intestinal helminthiasis by HIV-infected South Africans and avoidance of possible misinterpretation of egg excretion in worm/HIV co-infection analyses. BMC Infectious Diseases, 2006, 6, 88.	2.9	17
111	Maternal and early life influences on calcaneal ultrasound parameters and metacarpal morphometry in 7- to 9-year-old children. Journal of Bone and Mineral Metabolism, 2006, 24, 235-242.	2.7	14
112	GSTM1 and GSTT1 polymorphisms as modifiers of age at diagnosis of hereditary nonpolyposis colorectal cancer (HNPCC) in a homogeneous cohort of individuals carrying a single predisposing mutation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 602, 175-181.	1.0	30
113	Lifestyle Questionnaire to Evaluate Risk for Reduced Bone Mineral Density in Women. Clinical Journal of Sport Medicine, 2005, 15, 340-348.	1.8	4
114	A Novel Energy Expenditure Prediction Equation for Intermittent Physical Activity. Medicine and Science in Sports and Exercise, 2005, 37, 2154-2161.	0.4	21
115	Glucocorticoid Administration and Brief Occlusion of the Main Pancreatic Duct Are Likely to Increase Islet Mass by a Similar Mechanism. Pancreas, 2005, 31, 132-137.	1.1	4
116	Double-blind randomised trial comparing 5-fluorouracil plus leucovorin to placebo for metastatic colorectal carcinoma. Colorectal Disease, 2005, 7, 507-512.	1.4	4
117	The Relationship Between Insulin Sensitivity and Serum Adiponectin Levels in Three Population Groups. Hormone and Metabolic Research, 2005, 37, 695-701.	1.5	76
118	Prediction of energy expenditure from heart rate monitoring during submaximal exercise. Journal of Sports Sciences, 2005, 23, 289-297.	2.0	239
119	Diagnostic accuracy of chest radiography in detecting mediastinal lymphadenopathy in suspected pulmonary tuberculosis. Archives of Disease in Childhood, 2005, 90, 1153-1156.	1.9	137
120	Estimating the Conditional False-Positive Rate for Semi-Latent Data. Epidemiology, 2002, 13, 424-430.	2.7	13