

# Jaap A. Bakker

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,492  
citations

172386

29  
h-index

155592

55  
g-index

118  
all docs

118  
docs citations

118  
times ranked

5511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical models versus clinical renal ischemia reperfusion injury: A systematic review based on metabolic signatures. <i>American Journal of Transplantation</i> , 2022, 22, 344-370.	2.6	14
2	Biomarkers to identify <i>Mycobacterium tuberculosis</i> infection among borderline QuantiFERON results. <i>European Respiratory Journal</i> , 2022, 60, 2102665.	3.1	11
3	Intermediate hypocretin-1 cerebrospinal fluid levels and typical cataplexy: their significance in the diagnosis of narcolepsy type 1. <i>Sleep</i> , 2022, 45, .	0.6	10
4	Hypocretin-1 measurements in cerebrospinal fluid using radioimmunoassay: within and between assay reliability and limit of quantification. <i>Sleep</i> , 2022, , .	0.6	2
5	Antineutrophil cytoplasmic antibodies in infective endocarditis: a case report and systematic review of the literature. <i>Clinical Rheumatology</i> , 2022, 41, 2949-2960.	1.0	9
6	Long-term effects of combined B-cell immunomodulation with rituximab and belimumab in severe, refractory systemic lupus erythematosus: 2-year results. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1474-1483.	0.4	42
7	PR3-ANCA predict relapses in ANCA-associated vasculitis patients after rituximab. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1408-1417.	0.4	37
8	Association Between Centromere- and Topoisomerase-specific Immune Responses and the Degree of Microangiopathy in Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2021, 48, 402-409.	1.0	6
9	Plasma Amino Acid Concentrations at Birth and Patent Ductus Arteriosus in Very and Extremely Preterm Infants. <i>Frontiers in Pediatrics</i> , 2021, 9, 647018.	0.9	0
10	Anticentromere Antibody Levels and Isotypes and the Development of Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2021, 73, 2338-2347.	2.9	14
11	Circumventing the Crabtree effect in cell culture: A systematic review. <i>Mitochondrion</i> , 2021, 59, 83-95.	1.6	12
12	Metabolic needs of the kidney graft undergoing normothermic machine perfusion. <i>Kidney International</i> , 2021, 100, 301-310.	2.6	15
13	Results of an explorative clinical evaluation suggest immediate and persistent post-reperfusion metabolic paralysis drives kidney ischemia reperfusion injury. <i>Kidney International</i> , 2020, 98, 1476-1488.	2.6	20
14	Trends in diagnostic methods and treatment of latent tuberculosis infection in a tertiary care center from 2000 to 2017. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1329-1337.	1.3	1
15	P127â€¦Long-term effects of combined B-cell immunomodulation with rituximab and belimumab in severe, refractory SLE: two year results rituximab and belimumab combination for severe SLE. , 2020, , .		1
16	Antioxidative Amino Acids in Early Enteral Versus Parenteral Nutrition Following Major Rectal Surgery. <i>Critical Care Medicine</i> , 2020, 48, e990-e991.	0.4	0
17	Association of Antiâ€“Topoisomerase I Antibodies of the IgM Isotype With Disease Progression in Antiâ€“Topoisomerase Iâ€“Positive Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1897-1904.	2.9	18
18	A reverse translational study on the effect of rituximab, rituximab plus belimumab, or bortezomib on the humoral autoimmune response in SLE. <i>Rheumatology</i> , 2020, 59, 2734-2745.	0.9	18

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19	Metabolic events in HIV-infected patients using abacavir are associated with erythrocyte inosine triphosphatase activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 157-164.	1.3	3
20	Intrinsically Distinct Role of Neutrophil Extracellular Trap Formation in Antineutrophil Cytoplasmic Antibody-Associated Vasculitis Compared to Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2019, 71, 2047-2058.	2.9	53
21	Frequencies and clinical associations of myositis-related antibodies in The Netherlands: A one-year survey of all Dutch patients. <i>Journal of Translational Autoimmunity</i> , 2019, 2, 100013.	2.0	34
22	A prospective, double-blind, randomized, placebo-controlled study on the efficacy and safety of influenza vaccination in myasthenia gravis. <i>Vaccine</i> , 2019, 37, 919-925.	1.7	25
23	Abnormalities suggestive of latent tuberculosis infection on chest radiography; how specific are they?. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2019, 15, 100089.	0.6	6
24	P051/OO1-Characterization of the anti-centromere antibody response in systemic sclerosis patients suggests a broad and active B cell response. , 2019, , .		0
25	Autoantibody Development under Treatment with Immune-Checkpoint Inhibitors. <i>Cancer Immunology Research</i> , 2019, 7, 6-11.	1.6	118
26	The NET-effect of combining rituximab with belimumab in severe systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2018, 91, 45-54.	3.0	125
27	Excessive neutrophil extracellular trap formation in ANCA-associated vasculitis is independent of ANCA. <i>Kidney International</i> , 2018, 94, 139-149.	2.6	73
28	Assessment of novel cardiovascular biomarkers in women with a history of recurrent miscarriage. <i>Pregnancy Hypertension</i> , 2018, 11, 129-135.	0.6	14
29	PS7:129-Synergetic b-cell immunomodulation with rituximab and belimumab combination treatment in severe, refractory sle. , 2018, , .		1
30	Persistent metabolic changes in HIV-infected patients during the first year of combination antiretroviral therapy. <i>Scientific Reports</i> , 2018, 8, 16947.	1.6	43
31	Erythrocyte Inosine triphosphatase activity: A potential biomarker for adverse events during combination antiretroviral therapy for HIV. <i>PLoS ONE</i> , 2018, 13, e0191069.	1.1	5
32	FRIO451-Continuous presence of igm anti-topoisomerase i antibodies indicates an ongoing immune response in systemic sclerosis. , 2018, , .		0
33	FRIO311-The effect of b cell targeted therapies on autoantibodies and excessive neutrophil extracellular trap formation in systemic lupus erythematosus patients. , 2018, , .		0
34	THU0024-Treatment with immune checkpoint inhibitors and the break of b-cell tolerance to autoantigens. , 2018, , .		1
35	To what extent do autoantibodies help to identify high-risk patients in systemic sclerosis?. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 113, 109-117.	0.4	4
36	Predicting cardiopulmonary involvement in patients with systemic sclerosis: complementary value of nailfold videocapillaroscopy patterns and disease-specific autoantibodies. <i>Rheumatology</i> , 2017, 56, kew402.	0.9	31

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37	Recurrent respiratory tract infections (RRTI) in the elderly: A late onset mild immunodeficiency?. <i>Clinical Immunology</i> , 2017, 180, 111-119.	1.4	6
38	The hypoxanthine-xanthine oxidase axis is not involved in the initial phase of clinical transplantation-related ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F457-F464.	1.3	7
39	A prospective, placebo controlled study on the humoral immune response to and safety of tetanus revaccination in myasthenia gravis. <i>Vaccine</i> , 2017, 35, 6290-6296.	1.7	13
40	Proof of concept that most borderline Quantiferon results are true antigen-specific responses. <i>European Respiratory Journal</i> , 2017, 50, 1701630.	3.1	11
41	OP0302...Significant reductions of pathogenic autoantibodies by synergetic rituximab and belimumab treatment effectively inhibits neutrophil extracellular traps in severe, refractory sle - the synbiose study. , 2017, , .		0
42	Peripheral Neuropathy, Episodic Rhabdomyolysis, and Hypoparathyroidism in a Patient with Mitochondrial Trifunctional Protein Deficiency. <i>JIMD Reports</i> , 2017, 38, 101-105.	0.7	11
43	Anti-citrullinated protein antibodies in the diagnosis of rheumatoid arthritis (RA): diagnostic performance of automated anti-CCP-2 and anti-CCP-3 antibodies assays. <i>Clinical Rheumatology</i> , 2017, 36, 1487-1492.	1.0	27
44	Serological and genetic complement alterations in infection-induced and complement-mediated hemolytic uremic syndrome. <i>Pediatric Nephrology</i> , 2017, 32, 297-309.	0.9	48
45	SAT0350...Does a systemic sclerosis patient's clinical phenotype demonstrate his autoantibody status?. , 2017, , .		0
46	C1q Deficiency and Neuropsychiatric Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2016, 7, 647.	2.2	30
47	SAT0025...Enhanced Capacity of MPO-ANCA Compared To PR3-ANCA for Inducing Neutrophil Extracellular Traps. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 672.3-673.	0.5	0
48	Beneficial Effects of Early Enteral Nutrition After Major Rectal Surgery: A Possible Role for Conditionally Essential Amino Acids? Results of a Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2016, 44, e353-e361.	0.4	23
49	Keeping Ebola out of the lab: a practical solution on how to analyze Ebola associated blood anomalies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e353-e357.	1.4	0
50	Inosine Triphosphate Pyrophosphohydrolase Expression: Decreased in Leukocytes of HIV-Infected Patients Using Combination Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2016, 73, 390-395.	0.9	3
51	Defective postreperfusion metabolic recovery directly associates with incident delayed graft function. <i>Kidney International</i> , 2016, 90, 181-191.	2.6	28
52	FRI0469...The Additive Value of Nailfold Videocapillaroscopy Patterns to Disease-Specific Autoantibodies in Discrimination of Patients with Systemic Sclerosis at Risk for Severe Organ Involvement. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 597.2-597.	0.5	0
53	Inosine triphosphate pyrophosphohydrolase activity: more accurate predictor for ribavirin-induced anemia in hepatitis C infected patients than ITPA genotype. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 2021-9.	1.4	10
54	PRODH rs450046 and proline x COMT Val158Met interaction effects on intelligence and startle in adults with 22q11 deletion syndrome. <i>Psychopharmacology</i> , 2015, 232, 3111-3122.	1.5	11

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55	Plasma Levels of Dimethylarginines in Preterm Very Low Birth Weight Neonates: Its Relation with Perinatal Factors and Short-Term Outcome. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19-39.	1.8	16
56	Preeclampsia in autologous and oocyte donation pregnancy: is there a different pathophysiology?. <i>Journal of Reproductive Immunology</i> , 2015, 109, 17-23.	0.8	11
57	Allogeneic haematopoietic stem cell transplantation for mitochondrial neurogastrointestinal encephalomyopathy. <i>Brain</i> , 2015, 138, 2847-2858.	3.7	128
58	Glutamatergic markers, age, intellectual functioning and psychosis in 22q11 deletion syndrome. <i>Psychopharmacology</i> , 2015, 232, 3319-3325.	1.5	14
59	Serotonergic, noradrenergic and dopaminergic markers are related to cognitive function in adults with 22q11 deletion syndrome. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1159-1165.	1.0	17
60	The pharmacokinetic effect of adalimumab on thiopurine metabolism in Crohn's disease patients. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 120-128.	0.6	16
61	Carbohydrate co-ingestion with protein does not further augment post-prandial muscle protein accretion in older men. <i>Nutrition and Metabolism</i> , 2013, 10, 15.	1.3	37
62	Early-pregnancy asymmetric dimethylarginine (ADMA) levels in women prone to develop recurrent hypertension. <i>Pregnancy Hypertension</i> , 2013, 3, 118-123.	0.6	7
63	Adducted thumbs: A clinical clue to genetic diagnosis. <i>European Journal of Medical Genetics</i> , 2013, 56, 153-158.	0.7	12
64	Elevated citrate levels in non-alcoholic fatty liver disease: The potential of citrate to promote radical production. <i>FEBS Letters</i> , 2013, 587, 2461-2466.	1.3	58
65	The muscle protein synthetic response to the combined ingestion of protein and carbohydrate is not impaired in healthy older men. <i>Age</i> , 2013, 35, 2389-2398.	3.0	13
66	Reduced renal plasma clearance does not explain increased plasma asymmetric dimethylarginine in hypertensive subjects with mild to moderate renal insufficiency. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F149-F156.	1.3	20
67	Therapeutic drug monitoring of thiopurine metabolites in adult thiopurine tolerant IBD patients on maintenance therapy. <i>Journal of Crohn's and Colitis</i> , 2012, 6, 698-707.	0.6	59
68	LDL Receptor Knock-Out Mice Are a Physiological Model Particularly Vulnerable to Study the Onset of Inflammation in Non-Alcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2012, 7, e30668.	1.1	135
69	Neutrophil-Derived Myeloperoxidase Aggravates Non-Alcoholic Steatohepatitis in Low-Density Lipoprotein Receptor-Deficient Mice. <i>PLoS ONE</i> , 2012, 7, e52411.	1.1	100
70	A novel multiparameter flow cytometric assay for inosine triphosphatase expression analysis in leukocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 672-678.	1.1	3
71	Erythrocyte Inosine Triphosphatase Activity Is Decreased in HIV-Seropositive Individuals. <i>PLoS ONE</i> , 2012, 7, e30175.	1.1	5
72	Congenital hydrocephalus in clinical practice: A genetic diagnostic approach. <i>European Journal of Medical Genetics</i> , 2011, 54, e542-e547.	0.7	36

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73	Altered Carbon Dioxide Metabolism and Creatine Abnormalities in Rett Syndrome. <i>JIMD Reports</i> , 2011, 3, 117-124.	0.7	7
74	Biochemical Monitoring and Management During Pregnancy in Patients with Isovaleric Acidaemia is Helpful to Prevent Metabolic Decompensation. <i>JIMD Reports</i> , 2011, 3, 83-89.	0.7	9
75	An HPLC-Based Assay of Adenylosuccinate Lyase in Erythrocytes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 908-917.	0.4	3
76	The Effect of ITPA Polymorphisms on the Enzyme Kinetic Properties of Human Erythrocyte Inosine Triphosphatase Toward its Substrates ITP and 6-Thio-ITP. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 839-849.	0.4	11
77	INFLUENCE OF DIETARY SODIUM ON RENAL NITRIC OXIDE INHIBITION AND RENAL BLOOD FLOW IN HYPERTENSIVE CAUCASIANS: 2D.02. <i>Journal of Hypertension</i> , 2010, 28, e25.	0.3	0
78	383 The T1405N Carbamoyl Phosphate Synthetase Polymorphism Does Not Affect Plasma Arginine Concentrations in Preterm Infants. <i>Pediatric Research</i> , 2010, 68, 197-197.	1.1	0
79	A role for ITPA variants in the clinical course of pulmonary Langerhans' cell histiocytosis?. <i>European Respiratory Journal</i> , 2010, 36, 684-686.	3.1	9
80	Accuracy of the Precision <sup>Â</sup> point-of-care ketone test examined by liquid chromatography tandem-mass spectrometry (LC-MS/MS) in the same fingerstick sample. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1781-4.	1.4	23
81	Gonadal function in male and female patients with classic galactosemia. <i>Human Reproduction Update</i> , 2010, 16, 177-188.	5.2	98
82	ELIMINATION OF DIMETHYLARGININES IN HYPERTENSIVE PATIENTS WITH MILD TO MODERATE RENAL INSUFFICIENCY: PP.9.344. <i>Journal of Hypertension</i> , 2010, 28, e153.	0.3	7
83	Direct non-radioactive assay of galactose-1-phosphate:uridylyltransferase activity using high performance liquid chromatography. <i>Clinica Chimica Acta</i> , 2010, 411, 980-983.	0.5	19
84	Biochemical abnormalities in a patient with thymidine phosphorylase deficiency with fatal outcome. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 139-143.	1.7	10
85	The T1405N Carbamoyl Phosphate Synthetase Polymorphism Does Not Affect Plasma Arginine Concentrations in Preterm Infants. <i>PLoS ONE</i> , 2010, 5, e10792.	1.1	17
86	Pregnancy in classic galactosemia despite undetectable anti-M <sup>1</sup> / <sub>4</sub> llerian hormone. <i>Fertility and Sterility</i> , 2009, 91, 1293.e13-1293.e16.	0.5	27
87	A comparative study of inosine triphosphatase activity in fresh erythrocytes and dried blood spots. <i>Clinica Chimica Acta</i> , 2009, 405, 155.	0.5	2
88	Renal Clearance of B-Type Natriuretic Peptide and Amino Terminal Pro-B-Type Natriuretic Peptide. <i>Journal of the American College of Cardiology</i> , 2009, 53, 884-890.	1.2	142
89	Azathioprine induced pneumonitis in a patient with ulcerative colitis. <i>Journal of Crohn's and Colitis</i> , 2009, 3, 309-312.	0.6	13
90	The diagnostic value of serum and urinary NT-proBNP for heart failure. <i>Annals of Clinical Biochemistry</i> , 2008, 45, 389-394.	0.8	27

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91	Therapeutic regimens in interstitial lung disease guided by genetic screening: fact or fiction?. <i>European Respiratory Journal</i> , 2007, 30, 821-822.	3.1	9
92	Relevance of pharmacogenetic aspects of mercaptopurine metabolism in the treatment of interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2007, 13, 458-463.	1.2	15
93	Pharmacogenetic significance of inosine triphosphatase. <i>Pharmacogenomics</i> , 2007, 8, 1221-1228.	0.6	76
94	Is Brain Natriuretic Peptide Production Decreased in Obese Subjects?. <i>Journal of the American College of Cardiology</i> , 2006, 47, 886-887.	1.2	45
95	Utility of Amino-Terminal Pro-Brain Natriuretic Peptide, Galectin-3, and Apelin for the Evaluation of Patients With Acute Heart Failure. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1217-1224.	1.2	500
96	Untreated classical galactosemia patient with mild phenotype. <i>Molecular Genetics and Metabolism</i> , 2006, 89, 277-279.	0.5	25
97	Determination of ITPase Activity in Erythrocyte Lysates Obtained for Determination of Tpm1 Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 1129-1132.	0.4	14
98	Clinical and biochemical presentation of siblings with COG-7 deficiency, a lethal multiple O- and N-glycosylation disorder. <i>Journal of Inherited Metabolic Disease</i> , 2005, 28, 707-714.	1.7	56
99	Reference Values for N-Terminal Pro-B-Type Natriuretic Peptide in Umbilical Cord Blood. <i>Clinical Chemistry</i> , 2004, 50, 2465-2465.	1.5	32
100	Mutation of the COG complex subunit gene COG7 causes a lethal congenital disorder. <i>Nature Medicine</i> , 2004, 10, 518-523.	15.2	287
101	Carnitine acylcarnitine translocase deficiency, clinical, biochemical and genetic aspects. <i>Molecular Aspects of Medicine</i> , 2004, 25, 521-532.	2.7	100
102	New mutations in two Dutch patients with early infantile galactosialidosis. <i>Molecular Genetics and Metabolism</i> , 2003, 78, 222-228.	0.5	23
103	Carnitine acylcarnitine translocase deficiency: case report and review of the literature. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2003, 92, 501-504.	0.7	18
104	Bone mineral density in patients with classic galactosaemia. <i>Archives of Disease in Childhood</i> , 2002, 87, 57-60.	1.0	48
105	Unexplained familial benign methylmalonic aciduria. <i>European Journal of Pediatrics</i> , 2002, 161, 219-220.	1.3	1
106	N-acetylglutamate synthetase deficiency or porto-systemic shunt associated encephalopathy?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2002, 91, 729-729.	0.7	0
107	Are Children with Cystic Fibrosis Who Are Treated With a Proton-Pump Inhibitor at Risk for Vitamin B12 Deficiency?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001, 33, 342-345.	0.9	13
108	Tetrahydrobiopterin-responsive phenylalanine hydroxylase deficiency in Dutch neonates. <i>Journal of Inherited Metabolic Disease</i> , 2001, 24, 352-358.	1.7	42

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109	Early-infantile type of galactosialidosis as a cause of heart failure and neonatal ascites. <i>Journal of Inherited Metabolic Disease</i> , 1999, 22, 666-667.	1.7	11
110	Partial N-acetyl-glutamate synthetase deficiency masquerading as a valproic acid-induced Reye-like syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1999, 88, 1409-1411.	0.7	16
111	Partial N-acetyl-glutamate synthetase deficiency masquerading as a valproic acid-induced Reye-like syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1999, 88, 1409-1411.	0.7	11
112	Carbohydrate-deficient transferrin values in neonatal and umbilical cord blood. <i>Journal of Inherited Metabolic Disease</i> , 1996, 19, 253-256.	1.7	8
113	Temporal effects of taurine on mouse preimplantation development in vitro. <i>Human Reproduction</i> , 1992, 7, 403-407.	0.4	37