

Ralph Nanan

List of Publications by Year in descending order

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106
papers

5,165
citations

172443
29
h-index

88628
70
g-index

110
all docs

110
docs citations

110
times ranked

8636
citing authors

#	ARTICLE	IF	CITATIONS
1	DIFFERENTIAL IMPACT OF PERIODONTAL TREATMENT STRATEGIES DURING PREGNANCY ON PERINATAL OUTCOMES: A SYSTEMATIC REVIEW AND META-ANALYSIS. Journal of Evidence-based Dental Practice, 2022, 22, 101666.	1.5	4
2	Longitudinal egg-specific regulatory T and B cell development: Insights from primary prevention clinical trials examining the timing of egg introduction. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1385-1397.	5.7	6
3	Semantic Segmentation of Cerebellum in 2D Fetal Ultrasound Brain Images Using Convolutional Neural Networks. IEEE Access, 2021, 9, 85864-85873.	4.2	11
4	Firstborn sex defines early childhood growth of subsequent siblings. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202329.	2.6	1
5	Modelling maternal and perinatal risk factors to predict poorly controlled childhood asthma. PLoS ONE, 2021, 16, e0252215.	2.5	1
6	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55
7	Association between insulin and post-caesarean resuscitation rates in infants of women with GDM: A retrospective study. Journal of Diabetes, 2020, 12, 151-157.	1.8	4
8	Oral sucrose for analgesia in children aged between 3 months and 3 years undergoing transurethral bladder catheterisation: A randomised, double-blind, clinical trial. Journal of Paediatrics and Child Health, 2020, 56, 207-214.	0.8	1
9	Fostering Resilience Among Youths Exposed to Adverse Childhood Experiences. JAMA Pediatrics, 2020, 174, 101.	6.2	0
10	Host- and Microbiota-Derived Extracellular Vesicles, Immune Function, and Disease Development. International Journal of Molecular Sciences, 2020, 21, 107.	4.1	142
11	Analysis of maternal and perinatal determinants of allergic sensitization in childhood. Allergy, Asthma and Clinical Immunology, 2020, 16, 71.	2.0	6
12	Normative ultrasound data of the fetal transverse thalamic diameter derived from 18 to 22 weeks of gestation in routine second-trimester morphology examinations. Australasian Journal of Ultrasound in Medicine, 2020, 23, 59-65.	0.6	4
13	Sonographic and other nonglycemic factors can predict large-for-gestational-age infants in diet-managed gestational diabetes mellitus: A retrospective cohort study. Journal of Diabetes, 2020, 12, 562-572.	1.8	5
14	Oxygen Saturation in Infants With Retinopathy of Prematurity. JAMA Ophthalmology, 2019, 137, 1092.	2.5	0
15	Decreased maternal serum acetate and impaired fetal thymic and regulatory T cell development in preeclampsia. Nature Communications, 2019, 10, 3031.	12.8	91
16	Telephone Call After Pediatric Discharge. JAMA Pediatrics, 2019, 173, 196.	6.2	0
17	Decision Fusion-Based Fetal Ultrasound Image Plane Classification Using Convolutional Neural Networks. Ultrasound in Medicine and Biology, 2019, 45, 1259-1273.	1.5	38
18	An Automated Framework for Large Scale Retrospective Analysis of Ultrasound Images. IEEE Journal of Translational Engineering in Health and Medicine, 2019, 7, 1-9.	3.7	1

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19	Association of Early Introduction of Solids With Infant Sleep. JAMA Pediatrics, 2019, 173, 195.	6.2	0
20	IL-2 Enhances Gut Homing Potential of Human Naive Regulatory T Cells Early in Life. Journal of Immunology, 2018, 200, 3970-3980.	0.8	14
21	Does Breast Milk Nurture T Lymphocytes in Their Cradle?. Frontiers in Pediatrics, 2018, 6, 268.	1.9	12
22	A novel evaluation of density differences in subcutaneous abdominal adipose tissue layers in pregnancy using elastography. Australasian Journal of Ultrasound in Medicine, 2018, 21, 227-233.	0.6	1
23	Anthropometric and ultrasound measures of maternal adiposity in the first trimester of pregnancy. Australasian Journal of Ultrasound in Medicine, 2018, 21, 147-155.	0.6	0
24	A systematic review on incentive-driven mobile health technology: As used in diabetes management. Journal of Telemedicine and Telecare, 2017, 23, 26-35.	2.7	36
25	Automatic Measurement of Thalamic Diameter in 2-D Fetal Ultrasound Brain Images Using Shape Prior Constrained Regularized Level Sets. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1069-1078.	6.3	13
26	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults. Lancet Psychiatry, the, 2017, 4, 437-438.	7.4	1
27	The Use of Tri-Ponderal Mass Index and Other Indices in Estimating Visceral Body Fat Percentages in Adolescents. JAMA Pediatrics, 2017, 171, 1228.	6.2	0
28	The maternal microbiome during pregnancy and allergic disease in the offspring. Seminars in Immunopathology, 2017, 39, 669-675.	6.1	80
29	Influenza A Infections in Infants of Vaccinated and Unvaccinated Mothers. JAMA Pediatrics, 2017, 171, 1014.	6.2	2
30	Apparent backscatter of cancellous bone from fundamental and second harmonics using an ultrasound imaging system. , 2017, , .		0
31	Changes in maternal abdominal subcutaneous fat layers using ultrasound: A longitudinal study. Obesity Research and Clinical Practice, 2017, 11, 655-664.	1.8	12
32	Human Milk and Allergic Diseases: An Unsolved Puzzle. Nutrients, 2017, 9, 894.	4.1	111
33	Recording consultations: a win-win situation for physicians and patients. Medical Journal of Australia, 2016, 204, 175-176.	1.7	13
34	Lipaemia in lipoprotein lipase deficiency. Journal of Paediatrics and Child Health, 2016, 52, 576-576.	0.8	1
35	Plane identification in fetal ultrasound images using saliency maps and convolutional neural networks. , 2016, , .		22
36	Variants in TRIM22 That Affect NOD2 Signaling Are Associated With Very-Early-Onset Inflammatory Bowel Disease. Gastroenterology, 2016, 150, 1196-1207.	1.3	88

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37	Epinephrine Administration and Pediatric In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2016, 315, 416.	7.4	0
38	Validation of a Comprehensive Early Childhood Allergy Questionnaire. Pediatric Allergy and Immunology, 2015, 26, 522-529.	2.6	4
39	Feeding Modalities and the Onset of the Neonatal Abstinence Syndrome. Frontiers in Pediatrics, 2015, 3, 14.	1.9	18
40	Review of Simulation in Pediatrics: The Evolution of a Revolution. Frontiers in Pediatrics, 2015, 3, 106.	1.9	26
41	IL-10 Potentiates Differentiation of Human Induced Regulatory T Cells via STAT3 and Foxo1. Journal of Immunology, 2015, 195, 3665-3674.	0.8	219
42	The Kynurenine Pathway of Tryptophan Degradation is Activated During Osteoblastogenesis. Stem Cells, 2015, 33, 111-121.	3.2	61
43	Mid-Gestational Enlargement of Fetal Thalami in Women Exposed to Methadone during Pregnancy. Frontiers in Surgery, 2014, 1, 28.	1.4	11
44	Multivariate Analysis Using High Definition Flow Cytometry Reveals Distinct T Cell Repertoires between the Fetal-Maternal Interface and the Peripheral Blood. Frontiers in Immunology, 2014, 5, 33.	4.8	9
45	Innate and Adaptive Immune Interactions at the Fetal-Maternal Interface in Healthy Human Pregnancy and Pre-Eclampsia. Frontiers in Immunology, 2014, 5, 125.	4.8	102
46	Expansion of CD4 ⁺ HLA ⁺ T Cell in Human Pregnancy is Impaired in Pre-eclampsia. American Journal of Reproductive Immunology, 2014, 71, 217-228.	1.2	45
47	Is lactate the new panacea for endothelial dysfunction?. Critical Care, 2014, 18, 614.	5.8	7
48	Drugs for the Treatment of Obesity. JAMA - Journal of the American Medical Association, 2014, 311, 1807.	7.4	3
49	The attention deficit hyperactivity disorder phenotype as a summation of deficits in executive functioning and reward sensitivity: does this explain its relationship with oppositional defiant disorder?. Australasian Psychiatry, 2014, 22, 174-178.	0.7	9
50	Infantile hypertrophic pyloric stenosis: Does size really matter?. Journal of Paediatrics and Child Health, 2014, 50, 827-828.	0.8	4
51	Foetal immune programming: hormones, cytokines, microbes and regulatory T cells. Journal of Reproductive Immunology, 2014, 104-105, 2-7.	1.9	30
52	An emerging model of maternity care: Smartphone, midwife, doctor?. Women and Birth, 2014, 27, 64-67.	2.0	185
53	Isolated Gigantism of Digits. Journal of Pediatrics, 2014, 165, 874.	1.8	2
54	Novel de novo mutations of the interleukin-10 receptor gene lead to infantile onset inflammatory bowel disease. Journal of Crohn's and Colitis, 2014, 8, 1551-1556.	1.3	28

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55	Fetalâ€“Maternal Alignment of Regulatory T Cells Correlates with IL-10 and Bcl-2 Upregulation in Pregnancy. <i>Journal of Immunology</i> , 2013, 191, 145-153.	0.8	51
56	Hypertensive disease of pregnancy is associated with decreased risk for respiratory distress syndrome in moderate preterm neonates. <i>Hypertension in Pregnancy</i> , 2013, 32, 169-177.	1.1	4
57	A multicentre survey of hepatitis C awareness in a high-risk population. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, 649-653.	0.8	5
58	Budesonide in Preschool-Age Children with Recurrent Wheezing. <i>New England Journal of Medicine</i> , 2012, 366, 570-571.	27.0	3
59	Immune Effects of Interferon Gamma in Persistent Staphylococcal Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 110-112.	5.6	58
60	Altered Decidual DC-SIGN+ Antigen-Presenting Cells and Impaired Regulatory T-Cell Induction in Preeclampsia. <i>American Journal of Pathology</i> , 2012, 181, 2149-2160.	3.8	157
61	Comparison of maternal abdominal subcutaneous fat thickness and body mass index as markers for pregnancy outcomes: A stratified cohort study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2012, 52, 420-426.	1.0	43
62	Restricted elimination diet for ADHD. <i>Lancet, The</i> , 2011, 377, 1567-1568.	13.7	4
63	The relationship between maternal opiate use, amphetamine use and smoking on fetal growth. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2011, 51, 446-451.	1.0	3
64	Perinatal Risk Factors for the Neonatal Abstinence Syndrome in Infants Born to Women on Methadone Maintenance Therapy. <i>Obstetrical and Gynecological Survey</i> , 2010, 65, 603-604.	0.4	0
65	Differential expression of CD21 identifies developmentally and functionally distinct subsets of human transitional B cells. <i>Blood</i> , 2010, 115, 519-529.	1.4	110
66	Smoking and brain development in preterm infants. <i>Journal of Pediatrics</i> , 2010, 157, 346-347.	1.8	0
67	Maternal methadone dose at delivery and neonatal abstinence syndrome. <i>Journal of Pediatrics</i> , 2010, 157, 1044.	1.8	2
68	Perinatal risk factors for the neonatal abstinence syndrome in infants born to women on methadone maintenance therapy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2010, 50, 253-258.	1.0	57
69	Remission of Hashimoto's Thyroiditis in a Twelve-Year-Old Girl with Thyroid Changes Documented by Ultrasonography. <i>Thyroid</i> , 2010, 20, 1187-1190.	4.5	8
70	Intrauterine growth rates in diabetic pregnancies and clinical outcomes. <i>Obstetric Medicine</i> , 2009, 2, 132-132.	1.1	0
71	AGE-RELATED CHANGES IN MOTOR SUBTLE SIGNS AMONG GIRLS AND BOYS WITH ADHD. <i>Neurology</i> , 2009, 73, 1248-1249.	1.1	0
72	Proliferation of weakly suppressive regulatory CD4 ⁺ T cells is associated with overactive CD4 ⁺ T cell responses in HIV ⁺ positive patients with mycobacterial immune restoration disease. <i>European Journal of Immunology</i> , 2009, 39, 391-403.	2.9	111

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73	Early commitment of naïve human CD4 ⁺ T cells to the T follicular helper (T _{FH}) cell lineage is induced by IL-12. Immunology and Cell Biology, 2009, 87, 590-600.	2.3	310
74	Pregnancy and neonatal characteristics of opioid-dependent Indigenous Australians: A rural and metropolitan comparison. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2009, 49, 279-284.	1.0	10
75	Comment on: Association of maternal pre-pregnancy weight with birth defects: Evidence from a case-control study in Western Australia. Aust N Z J Obstet Gynaecol 2009; 49: 11-15. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2009, 49, 564-565.	1.0	3
76	Systemic Increase in the Ratio between Foxp3+ and IL-17-Producing CD4+ T Cells in Healthy Pregnancy but Not in Preeclampsia. Journal of Immunology, 2009, 183, 7023-7030.	0.8	425
77	Stimulant Medications and Growth. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 574-576.	0.5	4
78	What's Your Diagnosis?. Journal of Pediatric Ophthalmology and Strabismus, 2009, 46, 264.	0.7	0
79	Host tissue damage signal ATP impairs IL-12 and IFN- γ secretion in LPS stimulated whole human blood. Intensive Care Medicine, 2008, 34, 1891-1897.	8.2	11
80	Bi-acromial dimples. International Journal of Dermatology, 2008, 47, 594-595.	1.0	5
81	Ambulatory oral amoxicillin for severe pneumonia in children. Lancet, The, 2008, 371, 1333-1334.	13.7	0
82	Accelerated age-dependent transition of human regulatory T cells to effector memory phenotype. International Immunology, 2008, 20, 375-383.	4.0	54
83	Routine Measurement of Head Circumference as a Tool for Detecting Intracranial Expansion in Infants. Pediatrics, 2008, 121, 1298-1298.	2.1	0
84	Prior Treatment with Stimulant Medication: A Much Neglected Confounder of Studies of Growth in Children with Attention-Deficit/Hyperactivity Disorder. Journal of Child and Adolescent Psychopharmacology, 2008, 18, 385-387.	1.3	9
85	Methadone Maintenance and Breastfeeding in the Neonatal Period. Pediatrics, 2008, 121, 869-869.	2.1	14
86	Measurement of Growth in Stimulant-Naive Children With Attention-Deficit/Hyperactivity Disorder by Using Cross-sectional and Longitudinal Approaches. Pediatrics, 2008, 122, 221-221.	2.1	3
87	Overweight in Children and Adolescents in Relation to Attention-Deficit/Hyperactivity Disorder. Pediatrics, 2008, 122, 910-910.	2.1	1
88	STAT3 is required for IL-21-induced secretion of IgE from human naive B cells. Blood, 2008, 112, 1784-1793.	1.4	117
89	Expression of interleukin (IL)-2 and IL-7 receptors discriminates between human regulatory and activated T cells. Journal of Experimental Medicine, 2006, 203, 1693-1700.	8.5	1,354
90	Persistence of naive CD45RA+ regulatory T cells in adult life. Blood, 2006, 107, 2830-2838.	1.4	246

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91	Blimp-1 is expressed in human and mouse T cell subsets and leads to loss of IL-2 production and to defective proliferation. <i>Signal Transduction</i> , 2006, 6, 268-279.	0.4	17
92	Chronic gingivitis in a new BTK mutation. <i>European Journal of Haematology</i> , 2006, 76, 171-175.	2.2	6
93	Therapeutic potential of stem cells in perinatal medicine. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005, 45, 102-107.	1.0	8
94	Normalization of a severely abnormal ductus venosus Doppler flow velocity waveform in the presence of normal arterial flow parameters. <i>Journal of Perinatal Medicine</i> , 2005, 33, 83-6.	1.4	1
95	Effect of antenatal corticosteroid administration on Doppler flow velocity parameters in pregnancies with absent or reverse end-diastolic flow in the umbilical artery. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2003, 82, 794-796.	2.8	15
96	Expansion of human $\hat{1}^3/\hat{1}^T$ T cells in vitro is differentially regulated by the measles virus glycoproteins. <i>Journal of General Virology</i> , 2003, 84, 1179-1188.	2.9	18
97	Arterial and Ductus venosus Doppler in Fetuses with Absent or Reverse End-Diastolic Flow in the Umbilical Artery: Longitudinal Analysis. <i>Fetal Diagnosis and Therapy</i> , 2003, 18, 163-169.	1.4	17
98	T Cell Responses in Acute Measles. <i>Viral Immunology</i> , 2002, 15, 435-450.	1.3	29
99	Arterial and ductus venosus Doppler in fetuses with absent or reverse end-diastolic flow in the umbilical artery: correlation with short-term perinatal outcome. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2002, 81, 860-866.	2.8	29
100	Acute and long-term effects of booster immunisation on frequencies of antigen-specific memory B-lymphocytes. <i>Vaccine</i> , 2001, 20, 498-504.	3.8	77
101	Measles virus and canine distemper virus target proteins into a TAP-independent MHC class I-restricted antigen-processing pathway. <i>Journal of General Virology</i> , 2001, 82, 441-447.	2.9	26
102	A novel sensitive approach for frequency analysis of measles virus-specific memory T-lymphocytes in healthy adults with a childhood history of natural measles. <i>Microbiology (United Kingdom)</i> , 2000, 81, 1313-1319.	1.8	48
103	Measles virus infection causes transient depletion of activated T cells from peripheral circulation. <i>Journal of Clinical Virology</i> , 1999, 12, 201-210.	3.1	23
104	ACTIVATED T LYMPHOCYTES IN THE CEREBROSPINAL FLUID OF A PATIENT WITH EPSTEIN-BARR VIRUS-ASSOCIATED MENINGOENCEPHALITIS. <i>Pediatric Infectious Disease Journal</i> , 1996, 15, 631-633.	2.0	21
105	Measles virus-induced down-regulation of CD46 is associated with enhanced sensitivity to complement-mediated lysis of infected cells. <i>European Journal of Immunology</i> , 1995, 25, 976-984.	2.9	97
106	Low-dose IL-2 may enhance the effect of vedolizumab. <i>Scandinavian Journal of Gastroenterology</i> , 0, , 1-2.	1.5	0