

# Alan A Jackson

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82  
papers

5,941  
citations

35  
h-index

77  
g-index

85  
ext. papers

6,453  
ext. citations

4  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
82	Dietary protein restriction of pregnant rats induces and folic acid supplementation prevents epigenetic modification of hepatic gene expression in the offspring. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 1382-6	4.1	823
81	Increased systolic blood pressure in adult rats induced by fetal exposure to maternal low protein diets. <i>Clinical Science</i> , <b>1994</b> , 86, 217-22; discussion 121	6.5	568
80	Induction of altered epigenetic regulation of the hepatic glucocorticoid receptor in the offspring of rats fed a protein-restricted diet during pregnancy suggests that reduced DNA methyltransferase-1 expression is involved in impaired DNA methylation and changes in histone modifications. <i>British Journal of Nutrition</i> , <b>2007</b> , 97, 1611-20	3.6	476
79	Feeding pregnant rats a protein-restricted diet persistently alters the methylation of specific cytosines in the hepatic PPAR alpha promoter of the offspring. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 278-82	3.6	392
78	Intake of micronutrient-rich foods in rural Indian mothers is associated with the size of their babies at birth: Pune Maternal Nutrition Study. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 1217-24	4.1	339
77	Weanling rats exposed to maternal low-protein diets during discrete periods of gestation exhibit differing severity of hypertension. <i>Clinical Science</i> , <b>1996</b> , 91, 607-15	6.5	221
76	Fetal programming of body composition: relation between birth weight and body composition measured with dual-energy X-ray absorptiometry and anthropometric methods in older Englishmen. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 980-7	7	195
75	Increased systolic blood pressure in rats induced by a maternal low-protein diet is reversed by dietary supplementation with glycine. <i>Clinical Science</i> , <b>2002</b> , 103, 633-9	6.5	193
74	Preterm birth and body composition at term equivalent age: a systematic review and meta-analysis. <i>Pediatrics</i> , <b>2012</b> , 130, e640-9	7.4	184
73	Maternal protein restriction influences the programming of the rat hypothalamic-pituitary-adrenal axis. <i>Journal of Nutrition</i> , <b>1996</b> , 126, 1578-85	4.1	180
72	Folate supplementation during pregnancy improves offspring cardiovascular dysfunction induced by protein restriction. <i>Hypertension</i> , <b>2006</b> , 47, 982-7	8.5	177
71	Folic acid supplementation during the juvenile-pubertal period in rats modifies the phenotype and epigenotype induced by prenatal nutrition. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 1054-60	4.1	151
70	Undernutrition, infection and immune function. <i>Nutrition Research Reviews</i> , <b>2000</b> , 13, 3-29	7	141
69	Improving women's diet quality preconceptionally and during gestation: effects on birth weight and prevalence of low birth weight--a randomized controlled efficacy trial in India (Mumbai Maternal Nutrition Project). <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 1257-68	7	96
68	Protein/energy ratios of current diets in developed and developing countries compared with a safe protein/energy ratio: implications for recommended protein and amino acid intakes. <i>Public Health Nutrition</i> , <b>2004</b> , 7, 387-405	3.3	96
67	Maintenance of maternal diet-induced hypertension in the rat is dependent on glucocorticoids. <i>Hypertension</i> , <b>1997</b> , 30, 1525-30	8.5	91
66	The nature of the growth pattern and of the metabolic response to fasting in the rat are dependent upon the dietary protein and folic acid intakes of their pregnant dams and post-weaning fat consumption. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 540-9	3.6	77

65	Salvage of urea-nitrogen and protein requirements. <i>Proceedings of the Nutrition Society</i> , <b>1995</b> , 54, 535-47.9	7.9	77
64	Nutrition in early life, and risk of cancer and metabolic disease: alternative endings in an epigenetic tale?. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 619-30	3.6	75
63	Evidence-based approaches to childhood stunting in low and middle income countries: a systematic review. <i>Archives of Disease in Childhood</i> , <b>2017</b> , 102, 903-909	2.2	66
62	Neutral amino acid uptake by the microvillous plasma membrane of the human placenta is inversely related to fetal size at birth in normal pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 3320-6	5.6	66
61	Dietary pattern, nutrient intake and growth of adolescent school girls in urban Bangladesh. <i>Public Health Nutrition</i> , <b>1998</b> , 1, 83-92	3.3	66
60	Relationship of maternal protein turnover and lean body mass during pregnancy and birth length. <i>Clinical Science</i> , <b>2001</b> , 101, 65-72	6.5	65
59	Protein, amino acid and nitrogen metabolism during pregnancy: how might the mother meet the needs of her fetus?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2002</b> , 5, 503-9	3.8	58
58	Nutrients, growth, and the development of programmed metabolic function. <i>Advances in Experimental Medicine and Biology</i> , <b>2000</b> , 478, 41-55	3.6	56
57	The interaction of vitamin A deficiency and rotavirus infection in the mouse. <i>British Journal of Nutrition</i> , <b>1990</b> , 63, 363-73	3.6	56
56	Synthesis of erythrocyte glutathione in healthy adults consuming the safe amount of dietary protein. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 80, 101-7	7	54
55	The transfer of <sup>15</sup> N from urea to lysine in the human infant. <i>British Journal of Nutrition</i> , <b>2000</b> , 83, 505-513.6	3.6	52
54	Endogenous glycine and tyrosine production is maintained in adults consuming a marginal-protein diet. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 75, 511-8	7	43
53	Influence of dietary fats upon systolic blood pressure in the rat. <i>International Journal of Food Sciences and Nutrition</i> , <b>1996</b> , 47, 417-25	3.7	41
52	Substrate-energy metabolism and metabolic risk factors for cardiovascular disease in relation to fetal growth and adult body composition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E365-71	6	40
51	The acute phase response of adult rats is altered by in utero exposure to maternal low protein diets. <i>Journal of Nutrition</i> , <b>1994</b> , 124, 1588-96	4.1	37
50	Fetal exposure to low protein maternal diet alters the susceptibility of young adult rats to sulfur dioxide-induced lung injury. <i>Journal of Nutrition</i> , <b>1997</b> , 127, 202-9	4.1	36
49	Dietary guidelines for pregnancy: a review of current evidence. <i>Public Health Nutrition</i> , <b>2001</b> , 4, 625-30	3.3	36
48	Erythrocyte glutathione deficiency in symptom-free HIV infection is associated with decreased synthesis rate. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 276, E205-11	6	36

47	The effect of the level of dietary protein, carbohydrate and fat on urea kinetics in young children during rapid catch-up weight gain. <i>British Journal of Nutrition</i> , <b>1990</b> , 64, 371-85	3.6	34
46	Human nutrition in medical practice: the training of doctors. <i>Proceedings of the Nutrition Society</i> , <b>2001</b> , 60, 257-63	2.9	33
45	The effect of prenatal diet and glucocorticoids on growth and systolic blood pressure in the rat. <i>Proceedings of the Nutrition Society</i> , <b>1998</b> , 57, 235-40	2.9	32
44	Dietary protein, growth and urea kinetics in severely malnourished children and during recovery. <i>Journal of Nutrition</i> , <b>1999</b> , 129, 969-79	4.1	31
43	All that glitters <i>Nutrition Bulletin</i> , <b>2000</b> , 25, 11-24	3.5	27
42	Protein requirements for catch-up growth. <i>Proceedings of the Nutrition Society</i> , <b>1990</b> , 49, 507-16	2.9	27
41	Comparison of urinary 5-L-oxoproline (L-pyroglutamate) during normal pregnancy in women in England and Jamaica. <i>British Journal of Nutrition</i> , <b>1997</b> , 77, 183-96	3.6	25
40	Nutrition as a preventative strategy against adverse pregnancy outcomes. Introduction. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 1589S-1591S	4.1	25
39	Improving child survival: Malnutrition Task Force and the paediatrician's responsibility. <i>Archives of Disease in Childhood</i> , <b>2006</b> , 91, 706-10	2.2	24
38	Synthesis of hepatic secretory proteins in normal adults consuming a diet marginally adequate in protein. <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 281, G1179-87	5.1	22
37	The acute-phase protein response to human immunodeficiency virus infection in human subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 276, E1092-8	6	22
36	Transfer of (15)N from oral lactose-ureide to lysine in normal adults. <i>International Journal of Food Sciences and Nutrition</i> , <b>2004</b> , 55, 455-62	3.7	17
35	Severe undernutrition in Jamaica. Kwashiorkor and marasmus: the disease of the weanling. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1986</b> , 323, 43-51	3.1	17
34	Dietary supplementation with L-methionine impairs the utilization of urea-nitrogen and increases 5-L-oxoprolinuria in normal women consuming a low protein diet. <i>Journal of Nutrition</i> , <b>1998</b> , 128, 720-7	4.1	16
33	Optimizing amino acid and protein supply and utilization in the newborn. <i>Proceedings of the Nutrition Society</i> , <b>1989</b> , 48, 293-301	2.9	15
32	Diet, nutrition and modulation of genomic expression in fetal origins of adult disease. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2010</b> , 3, 192-208		13
31	Urea kinetics in healthy women during normal pregnancy. <i>British Journal of Nutrition</i> , <b>1997</b> , 77, 165-81	3.6	13
30	Measuring growth and medium- and longer-term outcomes in malnourished children. <i>Maternal and Child Nutrition</i> , <b>2019</b> , 15, e12790	3.4	12

29	Stable-isotope method for determining the gastrointestinal handling of [1-13C]palmitic acid. <i>Lipids</i> , <b>1997</b> , 32, 337-40	1.6	12
28	Integrating the ideas of life course across cellular, individual, and population levels in cancer causation. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 2927S-2933S	4.1	11
27	Nutritional influences in early life upon obesity and body proportions. <i>Novartis Foundation Symposium</i> , <b>1996</b> , 201, 118-29; discussion 129-37, 188-93		11
26	Urea kinetics in healthy young women: minimal effect of stage of menstrual cycle, contraceptive pill and protein intake. <i>British Journal of Nutrition</i> , <b>1996</b> , 76, 199-209	3.6	10
25	The effect of dietary pectin on rapid catch-up weight gain and urea kinetics in children recovering from severe undernutrition. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1992</b> , 81, 514-7	3.1	10
24	COVID-19: A Redox Disease-What a Stress Pandemic Can Teach Us About Resilience and What We May Learn From the Reactive Species Interactome About Its Treatment. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 35, 1226-1268	8.4	10
23	Zinc therapy for night blindness in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2008</b> , 7, 333-335	4.1	8
22	Current Landscape of Nutrition Within Prehabilitation Oncology Research: A Scoping Review. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 644723	6.2	8
21	Nutrition and Liver Health. <i>Digestive Diseases</i> , <b>2017</b> , 35, 411-417	3.2	7
20	Building systemic capacity for nutrition: training towards a professionalised workforce for Africa. <i>Proceedings of the Nutrition Society</i> , <b>2015</b> , 74, 496-504	2.9	7
19	Reduced parenteral nutrition requirements following anastomosis of a short residual colonic segment to a short jejunum. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2011</b> , 35, 732-5	4.2	7
18	Malnutrition treatment to become a core competency. <i>Archives of Disease in Childhood</i> , <b>2012</b> , 97, 468-9	2.2	7
17	Aortic Pulsatility Propagates Intracranially and Correlates with Dilated Perivascular Spaces and Small Vessel Compliance. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 1252-1260	2.8	6
16	Severe malnutrition: building on the past for a brighter future. <i>Food and Nutrition Bulletin</i> , <b>2014</b> , 35, S3-9	1.8	6
15	Albumin in nephrotic syndrome and oedematous malnutrition. <i>Paediatrics and International Child Health</i> , <b>2015</b> , 35, 77-80	1.4	6
14	Adaptation of in vivo amino acid kinetics facilitates increased amino acid availability for fetal growth in adolescent and adult pregnancies alike. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 1779-86	3.6	6
13	Comparison of midupper arm circumference and weight-for-height score for assessing acute malnutrition in Bangladeshi children aged 6-60 mo: an analytical study. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1232-1237	7	5
12	Improved care and survival in severe malnutrition through eLearning. <i>Archives of Disease in Childhood</i> , <b>2020</b> , 105, 32-39	2.2	5

11	Human protein requirement: policy issues. <i>Proceedings of the Nutrition Society</i> , <b>2001</b> , 60, 7-11	2.9	5
10	Effectiveness of the Malnutrition eLearning Course for Global Capacity Building in the Management of Malnutrition: Cross-Country Interrupted Time-Series Study. <i>Journal of Medical Internet Research</i> , <b>2018</b> , 20, e10396	7.6	5
9	Unlike pregnant adult women, pregnant adolescent girls cannot maintain glycine flux during late pregnancy because of decreased synthesis from serine. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 759-63	3.6	5
8	Capacity-building in the management of moderate acute malnutrition. <i>Food and Nutrition Bulletin</i> , <b>2015</b> , 36, S47-52	1.8	4
7	Serum retinol is influenced by social factors and antioxidant nutrients among adolescent girls in urban Bangladesh. <i>International Journal of Food Sciences and Nutrition</i> , <b>1998</b> , 49, 39-44	3.7	3
6	Protein quality and urea kinetics in prepubertal Chilean schoolboys. <i>International Journal of Food Sciences and Nutrition</i> , <b>1996</b> , 47, 61-70	3.7	3
5	Implementing effective eLearning for scaling up global capacity building: findings from the malnutrition elearning course evaluation in Ghana. <i>Global Health Action</i> , <b>2020</b> , 13, 1831794	3	2
4	Tackling the obesity crisis: how do we 'measure up'?. <i>Archives of Disease in Childhood</i> , <b>2014</b> , 99, 95-8	2.2	2
3	Scaling Up Improved Inpatient Treatment of Severe Malnutrition: Key Factors and Experiences From South Africa, Bolivia, Malawi, and Ghana.. <i>Global Health, Science and Practice</i> , <b>2022</b> , 10,	2.8	1
2	Nutritional perspectives on sickle cell disease in Africa: a systematic review. <i>BMC Nutrition</i> , <b>2021</b> , 7, 9	2.5	0
1	Pre- and periconceptual health and the HPA axis17-34		