

# Alan A Jackson

## List of Publications by Year in descending order

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84  
papers

7,146  
citations

101496

36  
h-index

58549

82  
g-index

85  
all docs

85  
docs citations

85  
times ranked

5551  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2005, 135, 1382-1386.	1.3	957
2	Increased Systolic Blood Pressure in Adult Rats Induced by Fetal Exposure to Maternal Low Protein Diets. <i>Clinical Science</i> , 1994, 86, 217-222.	1.8	659
3	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> , 2007, 97, 1064-1073.	1.2	539
4	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> , 2008, 100, 278-282.	1.2	438
5	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> , 2001, 131, 1217-1224.	1.3	423
6	Weanling Rats Exposed to Maternal Low-Protein Diets during Discrete Periods of Gestation Exhibit Differing Severity of Hypertension. <i>Clinical Science</i> , 1996, 91, 607-615.	1.8	245
7	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> , 2005, 82, 980-987.	2.2	234
8	Preterm Birth and Body Composition at Term Equivalent Age: A Systematic Review and Meta-analysis. <i>Pediatrics</i> , 2012, 130, e640-e649.	1.0	234
9	Maternal Protein Restriction Influences the Programming of the Rat Hypothalamic-Pituitary-Adrenal Axis. <i>Journal of Nutrition</i> , 1996, 126, 1578-1585.	1.3	214
10	Increased systolic blood pressure in rats induced by a maternal low-protein diet is reversed by dietary supplementation with glycine. <i>Clinical Science</i> , 2002, 103, 633-639.	1.8	211
11	Undernutrition, infection and immune function. <i>Nutrition Research Reviews</i> , 2000, 13, 3-29.	2.1	196
12	Folate Supplementation During Pregnancy Improves Offspring Cardiovascular Dysfunction Induced by Protein Restriction. <i>Hypertension</i> , 2006, 47, 982-987.	1.3	193
13	Folic Acid Supplementation during the Juvenile-Pubertal Period in Rats Modifies the Phenotype and Epigenotype Induced by Prenatal Nutrition. <i>Journal of Nutrition</i> , 2009, 139, 1054-1060.	1.3	183
14	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 Study). <i>PLoS One</i> , 2011, 6, e21474.	2.1	178
15	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> , 2004, 7, 387-405.	1.1	118
16	Evidence-based approaches to childhood stunting in low and middle income countries: a systematic review. <i>Archives of Disease in Childhood</i> , 2017, 102, 903-909.	1.0	110
17	Maintenance of Maternal Diet-Induced Hypertension in the Rat Is Dependent on Glucocorticoids. <i>Hypertension</i> , 1997, 30, 1525-1530.	1.3	106
18	Salvage of urea-nitrogen and protein requirements. <i>Proceedings of the Nutrition Society</i> , 1995, 54, 535-547.	0.4	92

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19	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> , 2008, 99, 540-549.	1.2	90
20	Nutrition in early life, and risk of cancer and metabolic disease: alternative endings in an epigenetic tale?. <i>British Journal of Nutrition</i> , 2009, 101, 619-630.	1.2	83
21	Dietary pattern, nutrient intake and growth of adolescent school girls in urban Bangladesh. <i>Public Health Nutrition</i> , 1998, 1, 83-92.	1.1	82
22	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> , 1998, 83, 3320-3326.	1.8	76
23	Relationship of maternal protein turnover and lean body mass during pregnancy and birth length. <i>Clinical Science</i> , 2001, 101, 65-72.	1.8	76
24	The interaction of vitamin A deficiency and rotavirus infection in the mouse. <i>British Journal of Nutrition</i> , 1990, 63, 363-373.	1.2	67
25	Nutrients, Growth, and the Development of Programmed Metabolic Function. , 2000, 478, 41-55.		67
26	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> , 2002, 5, 503-509.	1.3	66
27	Synthesis of erythrocyte glutathione in healthy adults consuming the safe amount of dietary protein. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 101-107.	2.2	64
28	The transfer of <sup>15</sup> N from urea to lysine in the human infant. <i>British Journal of Nutrition</i> , 2000, 83, 505-512.	1.2	61
29	Erythrocyte glutathione deficiency in symptom-free HIV infection is associated with decreased synthesis rate. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E205-E211.	1.8	57
30	“All that glitters”. <i>Nutrition Bulletin</i> , 2000, 25, 11-24.	0.8	53
31	Endogenous glycine and tyrosine production is maintained in adults consuming a marginal-protein diet. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 511-518.	2.2	49
32	Dietary guidelines for pregnancy: a review of current evidence. <i>Public Health Nutrition</i> , 2001, 4, 625-630.	1.1	48
33	Influence of Dietary Fats Upon Systolic Blood Pressure in the Rat. <i>International Journal of Food Sciences and Nutrition</i> , 1996, 47, 417-425.	1.3	46
34	The Acute Phase Response of Adult Rats is Altered by in Utero Exposure to Maternal Low Protein Diets. <i>Journal of Nutrition</i> , 1994, 124, 1588-1596.	1.3	45
35	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> , 2006, 291, E365-E371.	1.8	44
36	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> , 1997, 127, 202-209.	1.3	42

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37	Human nutrition in medical practice: the training of doctors. Proceedings of the Nutrition Society, 2001, 60, 257-263.	0.4	39
38	The effect of the level of dietary protein, carbohydrate and fat on urea kinetics in young children during rapid catch-up weight gain. British Journal of Nutrition, 1990, 64, 371-385.	1.2	36
39	The effect of prenatal diet and glucocorticoids on growth and systolic blood pressure in the rat. Proceedings of the Nutrition Society, 1998, 57, 235-240.	0.4	36
40	Protein Requirements for Catch-up Growth. Proceedings of the Nutrition Society, 1990, 49, 507-516.	0.4	34
41	The acute-phase protein response to human immunodeficiency virus infection in human subjects. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E1092-E1098.	1.8	33
42	Dietary Protein, Growth and Urea Kinetics in Severely Malnourished Children and During Recovery. Journal of Nutrition, 1999, 129, 969-979.	1.3	33
43	Current Landscape of Nutrition Within Prehabilitation Oncology Research: A Scoping Review. Frontiers in Nutrition, 2021, 8, 644723.	1.6	33
44	Comparison of urinary 5-L-oxoproline (L-pyroglutamate) during normal pregnancy in women in England and Jamaica. British Journal of Nutrition, 1997, 77, 183-196.	1.2	28
45	Improving child survival: Malnutrition Task Force and the paediatrician's responsibility. Archives of Disease in Childhood, 2006, 91, 706-710.	1.0	28
46	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. Antioxidants and Redox Signaling, 2021, 35, 1226-1268.	2.5	28
47	Introduction. Journal of Nutrition, 2003, 133, 1589S-1591S.	1.3	27
48	Nutritional Influences in Early Life upon Obesity and Body Proportions. Novartis Foundation Symposium, 1996, 201, 118-137.	1.2	26
49	Synthesis of hepatic secretory proteins in normal adults consuming a diet marginally adequate in protein. American Journal of Physiology - Renal Physiology, 2001, 281, G1179-G1187.	1.6	23
50	Diet, Nutrition and Modulation of Genomic Expression in Fetal Origins of Adult Disease. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 192-208.	1.8	23
51	Measuring growth and medium- and longer-term outcomes in malnourished children. Maternal and Child Nutrition, 2019, 15, e12790.	1.4	23
52	Severe Undernutrition in Jamaica Kwashiorkor and Marasmus: the Disease of the Weanling. Acta Paediatrica, International Journal of Paediatrics, 1986, 75, 43-51.	0.7	21
53	Dietary Supplementation with L-Methionine Impairs the Utilization of Urea-Nitrogen and Increases 5-L-Oxoprolinuria in Normal Women Consuming a Low Protein Diet , , Journal of Nutrition, 1998, 128, 720-727.	1.3	20
54	Optimizing amino acid and protein supply and utilization in the newborn. Proceedings of the Nutrition Society, 1989, 48, 293-301.	0.4	18

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55	Transfer of <sup>15</sup> N from oral lactose-ureide to lysine in normal adults. <i>International Journal of Food Sciences and Nutrition</i> , 2004, 55, 455-462.	1.3	18
56	Urea kinetics in healthy women during normal pregnancy. <i>British Journal of Nutrition</i> , 1997, 77, 165-181.	1.2	13
57	Integrating the Ideas of Life Course across Cellular, Individual, and Population Levels in Cancer Causation. <i>Journal of Nutrition</i> , 2005, 135, 2927S-2933S.	1.3	13
58	Stable-isotope method for determining the gastrointestinal handling of [1- <sup>13</sup> C]Palmitic acid. <i>Lipids</i> , 1997, 32, 337-340.	0.7	12
59	Comparison of midupper arm circumference and weight-for-height z score for assessing acute malnutrition in Bangladeshi children aged 6â€“60 mo: an analytical study. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1232-1237.	2.2	12
60	Nutritional perspectives on sickle cell disease in Africa: a systematic review. <i>BMC Nutrition</i> , 2021, 7, 9.	0.6	12
61	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> , 1992, 81, 514-517.	0.7	10
62	Urea kinetics in healthy young women: minimal effect of stage of menstrual cycle, contraceptive pill and protein intake. <i>British Journal of Nutrition</i> , 1996, 76, 199-209.	1.2	10
63	Zinc therapy for night blindness in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2008, 7, 333-335.	0.3	10
64	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> , 2016, 115, 759-763.	1.2	10
65	Nutrition and Liver Health. <i>Digestive Diseases</i> , 2017, 35, 411-417.	0.8	10
66	Aortic Pulsatility Propagates Intracranially and Correlates with Dilated Perivascular Spaces and Small Vessel Compliance. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1252-1260.	0.7	10
67	Malnutrition treatment to become a core competency: Table 1. <i>Archives of Disease in Childhood</i> , 2012, 97, 468-469.	1.0	9
68	Severe Malnutrition: Building on the past for a Brighter Future. <i>Food and Nutrition Bulletin</i> , 2014, 35, S3-S9.	0.5	9
69	Human protein requirement: policy issues. <i>Proceedings of the Nutrition Society</i> , 2001, 60, 7-11.	0.4	8
70	Reduced Parenteral Nutrition Requirements Following Anastomosis of a Short Residual Colonic Segment to a Short Jejunum. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 732-735.	1.3	8
71	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> , 2018, 20, e10396.	2.1	8
72	Adaptation of <i>in vivo</i> amino acid kinetics facilitates increased amino acid availability for fetal growth in adolescent and adult pregnancies alike. <i>British Journal of Nutrition</i> , 2014, 112, 1779-1786.	1.2	7

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73	Building systemic capacity for nutrition: training towards a professionalised workforce for Africa. Proceedings of the Nutrition Society, 2015, 74, 496-504.	0.4	7
74	Albumin in nephrotic syndrome and oedematous malnutrition. Paediatrics and International Child Health, 2015, 35, 77-80.	0.3	7
75	Capacity-Building in the Management of Moderate Acute Malnutrition. Food and Nutrition Bulletin, 2015, 36, S47-S52.	0.5	7
76	Improved care and survival in severe malnutrition through eLearning. Archives of Disease in Childhood, 2020, 105, 32-39.	1.0	7
77	Scaling Up Improved Inpatient Treatment of Severe Malnutrition: Key Factors and Experiences From South Africa, Bolivia, Malawi, and Ghana. Global Health, Science and Practice, 2022, 10, e2100411.	0.6	7
78	Identifying children at risk of malnutrition. Nutrition Journal, 2018, 17, 84.	1.5	5
79	Implementing effective eLearning for scaling up global capacity building: findings from the malnutrition elearning course evaluation in Ghana. Global Health Action, 2020, 13, 1831794.	0.7	5
80	Nutrient requirements to optimize neonatal growth. American Journal of Clinical Nutrition, 2011, 94, 1394-1395.	2.2	4
81	Protein quality and urea kinetics in prepubertal Chilean schoolboys. International Journal of Food Sciences and Nutrition, 1996, 47, 61-70.	1.3	3
82	Serum retinol is influenced by social factors and antioxidant nutrients among adolescent girls in urban Bangladesh. International Journal of Food Sciences and Nutrition, 1998, 49, 39-44.	1.3	3
83	Tackling the obesity crisis: how do we 'measure up'?. Archives of Disease in Childhood, 2014, 99, 95-98.	1.0	2
84	Pre- and periconceptual health and the HPA axis. , 0, , 17-34.		0