

Sherry A Tanumihardjo

List of Publications by Year in Descending Order

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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.

185
papers

5,956
citations

37
h-index

71
g-index

188
ext. papers

6,987
ext. citations

4.9
avg, IF

6.24
L-index

#	Paper	IF	Citations
185	Metabolism of Neonatal Vitamin A Supplementation: A Systematic Review. <i>Advances in Nutrition</i> , 2021 , 12, 942-958	10	2
184	Geographic and socio-demographic determinants of plasma retinol concentrations in Chinese pregnant and lactating women. <i>European Journal of Nutrition</i> , 2021 , 61, 1561	5.2	
183	Breast Milk-Derived Retinol Is a Potential Surrogate for Serum in the ¹³ C-Retinol Isotope Dilution Test in Zambian Lactating Women with Vitamin A Deficient and Adequate Status. <i>Journal of Nutrition</i> , 2021 , 151, 255-263	4.1	3
182	Vitamin A deficiency has declined in Malawi, but with evidence of elevated vitamin A in children. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 854-864	7	8
181	Biological evidence to define a vitamin A deficiency cutoff using total liver vitamin A reserves. <i>Experimental Biology and Medicine</i> , 2021 , 246, 1045-1053	3.7	0
180	Recommendations to adjust national vitamin A intervention policy must follow a consistent framework. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1707-1708	7	0
179	Findings in 3 clinical trials challenge the accuracy of the Institute of Medicine's estimated average requirements for vitamin A in children and women. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1322-1331 ³	7	13
178	Systematic Review and Meta-Analysis of the Relative Dose-Response Tests to Assess Vitamin A Status. <i>Advances in Nutrition</i> , 2021 , 12, 904-941	10	2
177	Consensus recommendations for the use of retinoids in ichthyosis and other disorders of cornification in children and adolescents. <i>Pediatric Dermatology</i> , 2021 , 38, 164-180	1.9	7
176	Risk factors for anaemia among Ghanaian women and children vary by population group and climate zone. <i>Maternal and Child Nutrition</i> , 2021 , 17, e13076	3.4	2
175	Adequate vitamin A liver stores estimated by the modified relative dose response test are positively associated with breastfeeding but not vitamin A supplementation in Senegalese urban children 9-23 months old: A comparative cross-sectional study. <i>PLoS ONE</i> , 2021 , 16, e0246246	3.7	1
174	Retinol-binding protein, retinol, and modified-relative-dose response in Ugandan children aged 12-23 months and their non-pregnant caregivers. <i>Experimental Biology and Medicine</i> , 2021 , 246, 906-915 ^{3.7}	3.7	1
173	Relation between Timing of High-Dose Vitamin A Supplementation and Modified-Relative-Dose-Response Values in Children 12-23 Months in Uganda. <i>Journal of Nutrition</i> , 2021 , 151, 1025-1028	4.1	1
172	Vitamin A-fortified rice increases total body vitamin A stores in lactating Thai women measured by retinol isotope dilution: a double-blind, randomized, controlled trial. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1372-1380	7	2
171	Reply to Hasman et al. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 392-393	7	
170	Inflammation Adjustments to Serum Retinol and Retinol-Binding Protein Improve Specificity but Reduce Sensitivity when Estimating Vitamin A Deficiency Compared with the Modified Relative Dose-Response Test in Ghanaian Children. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab098	0.4	0
169	Perspective: Integration to Implementation (I-to-I) and the Micronutrient Forum-Addressing the Safety and Effectiveness of Vitamin A Supplementation. <i>Advances in Nutrition</i> , 2020 , 11, 185-199	10	4

168	Dynamics of vitamin A uptake, storage, and utilization in vocal fold mucosa. <i>Molecular Metabolism</i> , 2020 , 40, 101025	8.8	0
167	Modified relative dose response values differ between lactating women in the United States and Indonesia. <i>Experimental Biology and Medicine</i> , 2020 , 245, 797-804	3.7	1
166	Metabolomics Reveals Altered Hepatic Bile Acids, Gut Microbiome Metabolites, and Cell Membrane Lipids Associated with Marginal Vitamin A Deficiency in a Mongolian Gerbil Model. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901319	5.9	2
165	Overlapping Vitamin A Interventions with Provitamin A Carotenoids and Preformed Vitamin A Cause Excessive Liver Retinol Stores in Male Mongolian Gerbils. <i>Journal of Nutrition</i> , 2020 , 150, 2912-2923	4.1	6
164	The "Super-Child" Approach Is Applied To Estimate Retinol Kinetics and Vitamin A Total Body Stores in Mexican Preschoolers. <i>Journal of Nutrition</i> , 2020 , 150, 1644-1651	4.1	6
163	Cyp1b1 directs Srebp-mediated cholesterol and retinoid synthesis in perinatal liver; Association with retinoic acid activity during fetal development. <i>PLoS ONE</i> , 2020 , 15, e0228436	3.7	4
162	Mining maize diversity and improving its nutritional aspects within agro-food systems. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020 , 19, 1809-1834	16.4	26
161	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey. <i>PLoS ONE</i> , 2020 , 15, e0228238	3.7	15
160	Community mobilization during biofortified orange maize feeding trials in Zambia. <i>International Journal for Vitamin and Nutrition Research</i> , 2020 , 90, 257-265	1.7	4
159	The Dawn of a New Era in Vitamin A Assessment. <i>Journal of Nutrition</i> , 2020 , 150, 185-187	4.1	5
158	Anthocyanin and Lycopene Content Do Not Affect Beta-Carotene Bioefficacy from Multicolored Carrots in Male Mongolian Gerbils. <i>Current Developments in Nutrition</i> , 2020 , 4, 110-110	0.4	1
157	High-Dose Neonatal Vitamin A Supplementation to Bangladeshi Infants Increases the Percentage of CCR9-Positive Treg Cells in Infants with Lower Birthweight in Early Infancy, and Decreases Plasma sCD14 Concentration and the Prevalence of Vitamin A Deficiency at Two Years of Age. <i>Journal of Nutrition</i> , 2020 , 150, 2005-2012	4.1	5
156	Maize agro-food systems to ensure food and nutrition security in reference to the Sustainable Development Goals. <i>Global Food Security</i> , 2020 , 25, 100327	8.3	32
155	Changes in micronutrient and inflammation serum biomarker concentrations after a norovirus human challenge. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1456-1464	7	12
154	Liver retinol estimated by C-retinol isotope dilution at 7 versus 14 days in Burkinabe schoolchildren. <i>Experimental Biology and Medicine</i> , 2019 , 244, 1430-1437	3.7	4
153	South African preschool children habitually consuming sheep liver and exposed to vitamin A supplementation and fortification have hypervitaminotic A liver stores: a cohort study. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 91-101	7	20
152	Carrot Leaves Maintain Liver Vitamin A Concentrations in Male Mongolian Gerbils Regardless of the Ratio of β to β Carotene When β Carotene Equivalents Are Equalized. <i>Journal of Nutrition</i> , 2019 , 149, 951-958	4.1	2
151	Dietary Intake Patterns among Lactating and Non-Lactating Women of Reproductive Age in Rural Zambia. <i>Nutrients</i> , 2019 , 11,	6.7	11

150	Retinol isotope dilution accurately predicts liver reserves in piglets but overestimates reserves in lactating sows. <i>Experimental Biology and Medicine</i> , 2019 , 244, 579-587	3.7	5
149	Total Adipose Retinol Concentrations Are Correlated with Total Liver Retinol Concentrations in Male Mongolian Gerbils, but Only Partially Explained by Chylomicron Deposition Assessed with Total Retinol. <i>Current Developments in Nutrition</i> , 2019 , 3, nzy096	0.4	4
148	Global Concerns with B Vitamin Statuses: Biofortification, Fortification, Hidden Hunger, Interactions, and Toxicity. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019 , 18, 1968-1984	16.4	24
147	Overlapping vitamin A interventions in the United States, Guatemala, Zambia, and South Africa: case studies. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1446, 102-116	6.5	20
146	Suboptimal Vitamin B Intakes of Zambian Preschool Children: Evaluation of 24-Hour Dietary Recalls. <i>Food and Nutrition Bulletin</i> , 2018 , 39, 281-289	1.8	4
145	Nutrient-Wise Review of Evidence and Safety of Fortification: Vitamin A 2018 , 247-253		4
144	Duration of Retinol Isotope Dilution Studies with Compartmental Modeling Affects Model Complexity, Kinetic Parameters, and Calculated Vitamin A Stores in US Women. <i>Journal of Nutrition</i> , 2018 , 148, 1387-1396	4.1	13
143	βCryptoxanthin-Biofortified Hen Eggs Enhance Vitamin A Status When Fed to Male Mongolian Gerbils. <i>Journal of Nutrition</i> , 2018 , 148, 1236-1243	4.1	2
142	Approaches to Assess Vitamin A Status in Settings of Inflammation: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Project. <i>Nutrients</i> , 2018 , 10,	6.7	30
141	Serum retinyl esters are positively correlated with analyzed total liver vitamin A reserves collected from US adults at time of death. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 997-1005	7	15
140	Hepatic Vitamin A Concentrations in Vervets () Supplemented with Carotenoids Derived from Oil Palm. <i>Journal of the American Association for Laboratory Animal Science</i> , 2018 , 57, 456-464	1.3	3
139	Developing a Model of Vitamin A Deficiency in a Hibernating Mammal, the 13-Lined Ground Squirrel (). <i>Comparative Medicine</i> , 2018 , 68, 196-203	1.6	1
138	Use of Stable Isotopes to Evaluate Bioefficacy of Provitamin A Carotenoids, Vitamin A Status, and Bioavailability of Iron and Zinc. <i>Advances in Nutrition</i> , 2018 , 9, 625-636	10	9
137	βCryptoxanthin and zeaxanthin are highly bioavailable from whole-grain and refined biofortified orange maize in humans with optimal vitamin A status: a randomized, crossover, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 793-802	7	10
136	Serum Carotenoids Reveal Poor Fruit and Vegetable Intake among Schoolchildren in Burkina Faso. <i>Nutrients</i> , 2018 , 10,	6.7	1
135	The research and implementation continuum of biofortified sweet potato and maize in Africa. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1390, 88-103	6.5	28
134	Diet-dependent retinoid effects on liver gene expression include stellate and inflammation markers and parallel effects of the nuclear repressor Shp. <i>Journal of Nutritional Biochemistry</i> , 2017 , 47, 63-74	6.3	8
133	Serum carotenoid interactions in premenopausal women reveal βcarotene is negatively impacted by body fat. <i>Experimental Biology and Medicine</i> , 2017 , 242, 1262-1270	3.7	4

132	Single High-Dose Vitamin A Supplementation to Neonatal Piglets Results in a Transient Dose Response in Extrahepatic Organs and Sustained Increases in Liver Stores. <i>Journal of Nutrition</i> , 2017 , 147, 798-806	4.1	14
131	Metabolic Effects of Inflammation on Vitamin A and Carotenoids in Humans and Animal Models. <i>Advances in Nutrition</i> , 2017 , 8, 197-212	10	68
130	Provitamin A-biofortified maize consumption increases serum xanthophylls and C-natural abundance of retinol in Zambian children. <i>Experimental Biology and Medicine</i> , 2017 , 242, 1508-1514	3.7	11
129	Cyp1b1 deletion and retinol deficiency coordinately suppress mouse liver lipogenic genes and hepcidin expression during post-natal development. <i>Molecular and Cellular Endocrinology</i> , 2017 , 454, 50-68	4.4	12
128	Retention of Carotenoids in Biofortified Maize Flour and β -Cryptoxanthin-Enhanced Eggs after Household Cooking. <i>ACS Omega</i> , 2017 , 2, 7320-7328	3.9	26
127	Maize Milling Method Affects Growth and Zinc Status but Not Provitamin A Carotenoid Bioefficacy in Male Mongolian Gerbils. <i>Journal of Nutrition</i> , 2017 , 147, 337-345	4.1	5
126	Dose-to-Mother δ -Deuterium Oxide Dilution Technique: An Accurate Strategy to Measure Vitamin A Intake in Breastfed Infants. <i>Nutrients</i> , 2017 , 9,	6.7	7
125	Vitamin A Supplementation Programs and Country-Level Evidence of Vitamin A Deficiency. <i>Nutrients</i> , 2017 , 9,	6.7	98
124	Biomarkers of Nutrition for Development (BOND)-Vitamin A Review. <i>Journal of Nutrition</i> , 2016 , 146, 1816S-48S	4.1	197
123	Effects of Different Processing Methods on the Micronutrient and Phytochemical Contents of Maize: From A to Z. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016 , 15, 912-926	16.4	50
122	Vitamin A status and body pool size of infants before and after consuming fortified home-based complementary foods. <i>Archives of Public Health</i> , 2016 , 74, 10	2.6	11
121	Assessing the Safety of Vitamin A Delivered Through Large-Scale Intervention Programs: Workshop Report on Setting the Research Agenda. <i>Food and Nutrition Bulletin</i> , 2016 , 37, S63-74	1.8	22
120	^{13}C Natural Abundance of Serum Retinol Is a Novel Biomarker for Evaluating Provitamin A Carotenoid-Biofortified Maize Consumption in Male Mongolian Gerbils. <i>Journal of Nutrition</i> , 2016 , 146, 1290-7	4.1	6
119	Concerns when serum retinol concentration is the primary biological indicator of vitamin A status in intervention studies. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 235-6	7	1
118	Current Capabilities and Limitations of Stable Isotope Techniques and Applied Mathematical Equations in Determining Whole-Body Vitamin A Status. <i>Food and Nutrition Bulletin</i> , 2016 , 37, S87-S103	1.8	24
117	Exploiting natural variation in exotic germplasm for increasing provitamin-A carotenoids in tropical maize. <i>Euphytica</i> , 2015 , 205, 203-217	2.1	14
116	Vitamin a Fortification Efforts Require Accurate Monitoring of Population Vitamin A Status to Prevent Excessive Intakes. <i>Procedia Chemistry</i> , 2015 , 14, 398-407		15
115	Comparisons among Equations Used for Retinol Isotope Dilution in the Assessment of Total Body Stores and Total Liver Reserves. <i>Journal of Nutrition</i> , 2015 , 145, 847-54	4.1	29

114	High provitamin A carotenoid serum concentrations, elevated retinyl esters, and saturated retinol-binding protein in Zambian preschool children are consistent with the presence of high liver vitamin A stores. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 497-504	7	34
113	Reply to G Lietz et al. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 521-2	7	1
112	Serum retinol concentrations demonstrate high specificity after correcting for inflammation but questionable sensitivity compared with liver stores calculated from isotope dilution in determining vitamin A deficiency in Thai and Zambian children. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1259-65	7	20
111	Healthy birth weight results in higher vitamin A storage in neonate piglets administered high-dose supplements. <i>Experimental Biology and Medicine</i> , 2015 , 240, 1378-85	3.7	1
110	Quantification of food and nutrient intakes in Zambian children with and without malaria under controlled feeding conditions. <i>Experimental Biology and Medicine</i> , 2014 , 239, 45-51	3.7	9
109	Biofortified orange maize enhances β -cryptoxanthin concentrations in egg yolks of laying hens better than tangerine peel fortificant. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 11892-900	5.7	23
108	Carotenoid retention of biofortified provitamin A maize (<i>Zea mays</i> L.) after Zambian traditional methods of milling, cooking and storage. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6317-25	5.7	66
107	Maize genotype and food matrix affect the provitamin A carotenoid bioefficacy from staple and carrot-fortified feeds in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 136-43	5.7	19
106	Oral doses of β -retinyl ester track chylomicron uptake and distribution of vitamin A in a male piglet model for newborn infants. <i>Journal of Nutrition</i> , 2014 , 144, 1188-95	4.1	17
105	The acute phase response affected traditional measures of micronutrient status in rural Zambian children during a randomized, controlled feeding trial. <i>Journal of Nutrition</i> , 2014 , 144, 972-8	4.1	31
104	Carotenoid accumulation and agronomic performance of maize hybrids involving parental combinations from different marker-based groups. <i>Food Chemistry</i> , 2014 , 148, 131-7	8.5	27
103	Nutrient and nontraditional food intakes by Zambian children in a controlled feeding trial. <i>Food and Nutrition Bulletin</i> , 2014 , 35, 60-7	1.8	19
102	Relative vitamin A values of 9-cis- and 13-cis- β -carotene do not differ when fed at physiological levels during vitamin A depletion in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>British Journal of Nutrition</i> , 2014 , 112, 162-9	3.6	8
101	Biofortified orange maize is as efficacious as a vitamin A supplement in Zambian children even in the presence of high liver reserves of vitamin A: a community-based, randomized placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1541-50	7	127
100	Undernutrition, the acute phase response to infection, and its effects on micronutrient status indicators. <i>Advances in Nutrition</i> , 2014 , 5, 702-11	10	70
99	Interspecies comparison of stellate cell-containing macula flavae and vitamin A storage in vocal fold mucosa. <i>Journal of Anatomy</i> , 2014 , 225, 298-305	2.9	6
98	β -Retinol and 3,4-didehydroretinol support growth in rats when fed at equimolar amounts and β -retinol is not toxic after repeated administration of large doses. <i>British Journal of Nutrition</i> , 2014 , 111, 1373-81	3.6	16
97	Triple-fortified rice containing vitamin A reduced marginal vitamin A deficiency and increased vitamin A liver stores in school-aged Thai children. <i>Journal of Nutrition</i> , 2014 , 144, 519-24	4.1	32

96	Usefulness of vitamin A isotope methods for status assessment: from deficiency through excess. <i>International Journal for Vitamin and Nutrition Research</i> , 2014 , 84 Suppl 1, 16-24	1.7	7
95	Research recommendations for applying vitamin A-labelled isotope dilution techniques to improve human vitamin A nutrition. <i>International Journal for Vitamin and Nutrition Research</i> , 2014 , 84 Suppl 1, 52-9	1.7	6
94	Carotenoids and Bone Health 2013 , 237-245		3
93	Carrots of Various Colors 2013 , 21-28		
92	Vitamin A and bone health: the balancing act. <i>Journal of Clinical Densitometry</i> , 2013 , 16, 414-9	3.5	31
91	Vitamin A isotope dilution predicts liver stores in line with long-term vitamin A intake above the current Recommended Dietary Allowance for young adult women. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1192-9	7	21
90	High-provitamin A carotenoid (Orange) maize increases hepatic vitamin A reserves of offspring in a vitamin A-depleted sow-piglet model during lactation. <i>Journal of Nutrition</i> , 2013 , 143, 1141-6	4.1	17
89	Horticultural Crops as a Source of Carotenoids 2013 , 293-301		3
88	International Efforts to Eradicate Vitamin A Deficiency 2013 , 317-324		1
87	History, Global Distribution, and Nutritional Importance of Citrus Fruits. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2012 , 11, 530-545	16.4	255
86	High prevalence of vitamin A deficiency is detected by the modified relative dose-response test in six-month-old Senegalese breast-fed infants. <i>Journal of Nutrition</i> , 2012 , 142, 1991-6	4.1	15
85	Cooking enhances but the degree of ripeness does not affect provitamin A carotenoid bioavailability from bananas in Mongolian gerbils. <i>Journal of Nutrition</i> , 2012 , 142, 2097-104	4.1	9
84	Comparative intake of white- versus orange-colored maize by Zambian children in the context of promotion of biofortified maize. <i>Food and Nutrition Bulletin</i> , 2012 , 33, 63-71	1.8	29
83	Bioaccessibility of Carotenoids from Maize Flour with Varying Levels of Resistant Starch Type 2 and 3. <i>FASEB Journal</i> , 2012 , 26, lb314	0.9	
82	Quality protein maize for Africa: closing the protein inadequacy gap in vulnerable populations. <i>Advances in Nutrition</i> , 2011 , 2, 217-24	10	82
81	Vitamin A: biomarkers of nutrition for development. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 658S-65S		175
80	New frontiers in science and technology: nuclear techniques in nutrition. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 691S-5S	7	7
79	Retinol is distributed through serum retinol-binding protein-independent mechanisms in the lactating sow-nursing piglet dyad. <i>Journal of Nutrition</i> , 2011 , 141, 42-7	4.1	23

78	3, 4-Didehydroretinol kinetics differ during lactation in sows on a retinol depletion regimen and the serum:milk 3, 4-didehydroretinol:retinol ratios are correlated. <i>Journal of Nutrition</i> , 2011 , 141, 554-9	4.1	11
77	Adaptation to and Intake Patterns of Traditional Foods Made from Biofortified Orange Maize (Zea mays) in Rural Zambia Children. <i>FASEB Journal</i> , 2011 , 25, 96.4	0.9	1
76	Provitamin a carotenoid bioavailability:what really matters?. <i>International Journal for Vitamin and Nutrition Research</i> , 2010 , 80, 336-50	1.7	74
75	Carotenoid profiles in provitamin A-containing fruits and vegetables affect the bioefficacy in Mongolian gerbils. <i>Experimental Biology and Medicine</i> , 2010 , 235, 839-48	3.7	17
74	Anthocyanins in purple-orange carrots (Daucus carota L.) do not influence the bioavailability of beta-carotene in young women. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2877-81	5.7	13
73	Small quantities of carotenoid-rich tropical green leafy vegetables indigenous to Africa maintain vitamin A status in Mongolian gerbils (Meriones unguiculatus). <i>British Journal of Nutrition</i> , 2010 , 103, 1594-601	3.6	12
72	Carrots of Many Colors Provide Basic Nutrition and Bioavailable Phytochemicals Acting as a Functional Food. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2010 , 9, 223-239	16.4	130
71	Maize: A Paramount Staple Crop in the Context of Global Nutrition. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2010 , 9, 417-436	16.4	292
70	Orally ingested (13)C(2)-retinol is incorporated into hepatic retinyl esters in a nonhuman primate (Macaca mulatta) model of hypervitaminosis A. <i>Comparative Medicine</i> , 2010 , 60, 71-6	1.6	3
69	Sweet potato beta-carotene bioefficacy is enhanced by dietary fat and not reduced by soluble fiber intake in Mongolian gerbils. <i>Journal of Nutrition</i> , 2009 , 139, 44-50	4.1	37
68	Plasma turnover of 3,4-didehydroretinol (vitamin A2) increases in vitamin A-deficient rats fed low versus high dietary fat. <i>Journal of Lipid Research</i> , 2009 , 50, 694-703	6.3	4
67	Cassava with enhanced beta-carotene maintains adequate vitamin A status in Mongolian gerbils (Meriones unguiculatus) despite substantial cis-isomer content. <i>British Journal of Nutrition</i> , 2009 , 102, 342-9	3.6	30
66	13C natural abundance in serum retinol acts as a biomarker for increases in dietary provitamin A. <i>Experimental Biology and Medicine</i> , 2009 , 234, 140-7	3.7	29
65	Mathematical modeling of serum 13C-retinol in captive rhesus monkeys provides new insights on hypervitaminosis A. <i>Journal of Nutrition</i> , 2009 , 139, 2000-6	4.1	23
64	Strategies to increase vegetable or reduce energy and fat intake induce weight loss in adults. <i>Experimental Biology and Medicine</i> , 2009 , 234, 542-52	3.7	30
63	Serum alpha- and beta-carotene concentrations qualitatively respond to sustained carrot feeding. <i>Experimental Biology and Medicine</i> , 2009 , 234, 1280-6	3.7	6
62	Processing Techniques to Reduce Toxicity and Antinutrients of Cassava for Use as a Staple Food. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2009 , 8, 17-27	16.4	114
61	Nutritional Value of Cassava for Use as a Staple Food and Recent Advances for Improvement. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2009 , 8, 181-194	16.4	238

60	Hypervitaminosis A in experimental nonhuman primates: evidence, causes, and the road to recovery. <i>American Journal of Primatology</i> , 2009 , 71, 813-6	2.5	5
59	Antioxidant phytochemicals and antioxidant capacity of biofortified carrots (<i>Daucus carota</i> L.) of various colors. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4142-7	5.7	105
58	Household Building Structure Impacts Hemoglobin and Hematocrit Values in Indonesian Children Infected with Intestinal Helminthes. <i>Journal of Hunger and Environmental Nutrition</i> , 2008 , 2, 19-32	1.5	
57	Retinol to retinol-binding protein (RBP) is low in obese adults due to elevated apo-RBP. <i>Experimental Biology and Medicine</i> , 2008 , 233, 1255-61	3.7	59
56	Roles of vitamin A and macula flava in maintaining vocal folds. <i>Annals of Otolaryngology and Rhinology</i> , 2008 , 117, 65-73	2.1	8
55	Cod liver oil, vitamin A toxicity, frequent respiratory infections, and the vitamin D deficiency epidemic. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008 , 117, 864-70	2.1	38
54	beta-Cryptoxanthin from supplements or carotenoid-enhanced maize maintains liver vitamin A in Mongolian gerbils (<i>Meriones unguiculatus</i>) better than or equal to beta-carotene supplements. <i>British Journal of Nutrition</i> , 2008 , 100, 786-93	3.6	57
53	The xanthophyll composition of biofortified maize (<i>Zea mays</i> Sp.) does not influence the bioefficacy of provitamin a carotenoids in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 6745-50	5.7	27
52	Vitamin A deficiency causes metaplasia in vocal fold epithelium: a rat study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008 , 117, 153-8	2.1	7
51	Biofortified carrot intake enhances liver antioxidant capacity and vitamin a status in mongolian gerbils. <i>Journal of Nutrition</i> , 2008 , 138, 1692-8	4.1	21
50	Vitamin A concentrations in piglet extrahepatic tissues respond differently ten days after vitamin A treatment. <i>Journal of Nutrition</i> , 2008 , 138, 1101-6	4.1	17
49	Serum carotenoid concentrations in postmenopausal women from the United States with and without osteoporosis. <i>International Journal for Vitamin and Nutrition Research</i> , 2008 , 78, 105-11	1.7	53
48	One-time graded doses of vitamin A to weanling piglets enhance hepatic retinol but do not always prevent vitamin A deficiency. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1045-53	7	22
47	Poverty, obesity, and malnutrition: an international perspective recognizing the paradox. <i>Journal of the American Dietetic Association</i> , 2007 , 107, 1966-72		225
46	Prenatal vitamin A deficiency causes laryngeal malformation in rats. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2007 , 116, 785-92	2.1	12
45	Beta-carotene from red carrot maintains vitamin A status, but lycopene bioavailability is lower relative to tomato paste in Mongolian gerbils. <i>Journal of Nutrition</i> , 2007 , 137, 1395-400	4.1	26
44	Maternal chronic vitamin A toxicity amplifies early fetal liver retinyl ester storage in captive Old World monkeys. <i>FASEB Journal</i> , 2007 , 21, A49	0.9	
43	beta-Carotene in red carrot maintains vitamin A status in Mongolian gerbils (<i>Meriones unguiculatus</i>) but lycopene is more bioavailable from tomato paste. <i>FASEB Journal</i> , 2007 , 21, A351	0.9	

42	Comparing the vitamin A bioefficacy of β -cryptoxanthin to β -carotene from supplements and maize in Mongolian gerbils. <i>FASEB Journal</i> , 2007 , 21, A351	0.9	2
41	Ingestion of excessive preformed vitamin A by mothers amplifies storage of retinyl esters in early fetal livers of captive Old World monkeys. <i>Comparative Medicine</i> , 2007 , 57, 505-11	1.6	8
40	Vitamin A intake of captive rhesus monkeys exceeds national research council recommendations. <i>American Journal of Primatology</i> , 2006 , 68, 1114-9	2.5	7
39	Evaluation of analytical methods for carotenoid extraction from biofortified maize (<i>Zea mays</i> sp.). <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 7992-7	5.7	106
38	Evaluation of vitamin A supplementation regimens in Ghanaian postpartum mothers with the use of the modified-relative-dose-response test. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1344-9	7	29
37	Serum retinyl esters are not elevated in postmenopausal women with and without osteoporosis whose preformed vitamin A intakes are high. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1350-6	7	22
36	Carotenoid-biofortified maize maintains adequate vitamin a status in Mongolian gerbils. <i>Journal of Nutrition</i> , 2006 , 136, 2562-7	4.1	99
35	The modified-relative-dose-response values in serum and milk are positively correlated over time in lactating sows with adequate vitamin A status. <i>Journal of Nutrition</i> , 2006 , 136, 939-45	4.1	17
34	Reply to R Prakash. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 462-463	7	
33	The acute and chronic toxic effects of vitamin A. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 191-2017		391
32	Bioavailability of beta-carotene (β C) from purple carrots is the same as typical orange carrots while high- β C carrots increase β C stores in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>British Journal of Nutrition</i> , 2006 , 96, 258-67	3.6	31
31	Reply to R Prakash. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 462-463	7	
30	Evaluation of a high-vegetable intervention for weight loss in obese individuals. <i>FASEB Journal</i> , 2006 , 20, A580	0.9	1
29	Vitamin A toxicity in wild-caught African green vervet monkeys (<i>Chlorocebus aethiops</i>) after 2 years in captivity. <i>Comparative Medicine</i> , 2006 , 56, 421-5	1.6	14
28	Twice the amount of alpha-carotene isolated from carrots is as effective as beta-carotene in maintaining the vitamin A status of Mongolian gerbils. <i>Journal of Nutrition</i> , 2005 , 135, 2622-6	4.1	48
27	Beta-carotene-rich orange-fleshed sweet potato improves the vitamin A status of primary school children assessed with the modified-relative-dose-response test. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1080-7	7	275
26	Stable isotope dilution techniques for assessing vitamin A status and bioefficacy of provitamin A carotenoids in humans. <i>Public Health Nutrition</i> , 2005 , 8, 596-607	3.3	49
25	Lutein absorption is facilitated with cosupplementation of ascorbic acid in young adults. <i>Journal of the American Dietetic Association</i> , 2005 , 105, 114-8		25

24	One-time vitamin A supplementation of lactating sows enhances hepatic retinol in their offspring independent of dose size. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 427-33	7	24
23	Utility of the relative-dose-response and modified-relative-dose-response tests as population indicators of vitamin A status. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1135-1137	7	5
22	Extra-hepatic vitamin A concentrations in captive Rhesus (<i>Macaca mulatta</i>) and Marmoset (<i>Callithrix jacchus</i>) monkeys fed excess vitamin A. <i>International Journal for Vitamin and Nutrition Research</i> , 2005 , 75, 126-32	1.7	10
21	Utility of the relative-dose-response and modified-relative-dose-response tests as population indicators of vitamin A status. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1135-7; author reply 1137-8	7	6
20	Elevated serum concentrations of beta-glucuronide metabolites and 4-oxoretinol in lactating sows after treatment with vitamin A: a model for evaluating supplementation in lactating women. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 851-8	7	17
19	Vitamin A status and hemoglobin concentrations are improved in Indonesian children with vitamin A and deworming interventions. <i>European Journal of Clinical Nutrition</i> , 2004 , 58, 1223-30	5.2	49
18	Carotenoid profiles and consumer sensory evaluation of specialty carrots (<i>Daucus carota</i> , L.) of various colors. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 3417-21	5.7	124
17	Assessing vitamin A status: past, present and future. <i>Journal of Nutrition</i> , 2004 , 134, 290S-293S	4.1	113
16	Lutein and beta-carotene from lutein-containing yellow carrots are bioavailable in humans. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 131-6	7	37
15	Adjustments to the modified relative dose response (MRDR) test for assessment of vitamin A status minimize the blood volume used in piglets. <i>Journal of Nutrition</i> , 2004 , 134, 1186-92	4.1	31
14	Serum vitamin A esters are high in captive rhesus (<i>Macaca mulatta</i>) and marmoset (<i>Callithrix jacchus</i>) monkeys. <i>Journal of Nutrition</i> , 2003 , 133, 4202-6	4.1	15
13	A theoretical increase in infants hepatic vitamin A is realized using a supplemented lactating sow model. <i>Journal of Nutrition</i> , 2003 , 133, 1139-42	4.1	16
12	Vitamin A in dietary supplements and fortified foods: too much of a good thing?. <i>Journal of the American Dietetic Association</i> , 2003 , 103, 1185-7		33
11	Vitamin A and iron status are improved by vitamin A and iron supplementation in pregnant Indonesian women. <i>Journal of Nutrition</i> , 2002 , 132, 1909-12	4.1	45
10	Factors influencing the conversion of carotenoids to retinol: bioavailability to bioconversion to bioefficacy. <i>International Journal for Vitamin and Nutrition Research</i> , 2002 , 72, 40-5	1.7	54
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8	Simplified methodology to determine breast milk retinol concentrations. <i>Journal of Lipid Research</i> , 2002 , 43, 350-5	6.3	30
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6	Can lack of improvement in vitamin A status indicators be explained by little or no overall change in vitamin A status of humans?. <i>Journal of Nutrition</i> , 2001 , 131, 3316-8	4.1	21
5	Subtoxic hepatic vitamin A concentrations in captive rhesus monkeys (<i>Macaca mulatta</i>). <i>Journal of Nutrition</i> , 2001 , 131, 2904-9	4.1	20
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