

Sherry A Tanumihardjo

List of Publications by Year in descending order

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188
papers

7,979
citations

76196

40
h-index

58464

82
g-index

188
all docs

188
docs citations

188
times ranked

6985
citing authors

#	ARTICLE	IF	CITATIONS
1	The acute and chronic toxic effects of vitamin A. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 191-201.	2.2	479
2	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.	5.9	428
3	History, Global Distribution, and Nutritional Importance of Citrus Fruits. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2012, 11, 530-545.	5.9	391
4	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.	5.9	344
5	β-Carotene-rich orange-fleshed sweet potato improves the vitamin A status of primary school children assessed with the modified-relative-dose-response test ³ . <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1080-1087.	2.2	327
6	Biomarkers of Nutrition for Development (BOND)–Vitamin A Review. <i>Journal of Nutrition</i> , 2016, 146, 1816S-1848S.	1.3	317
7	Poverty, Obesity, and Malnutrition: An International Perspective Recognizing the Paradox. <i>Journal of the American Dietetic Association</i> , 2007, 107, 1966-1972.	1.3	273
8	Vitamin A: biomarkers of nutrition for development. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 658S-665S.	2.2	237
9	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.	5.9	207
10	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, 1541-1550.	2.2	175
11	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, 3417-3421.	2.4	149
12	Vitamin A Supplementation Programs and Country-Level Evidence of Vitamin A Deficiency. <i>Nutrients</i> , 2017, 9, 190.	1.7	148
13	Assessing Vitamin A Status: Past, Present and Future. <i>Journal of Nutrition</i> , 2004, 134, 290S-293S.	1.3	145
14	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.	5.9	144
15	Quality Protein Maize for Africa: Closing the Protein Inadequacy Gap in Vulnerable Populations. <i>Advances in Nutrition</i> , 2011, 2, 217-224.	2.9	142
16	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, 4142-4147.	2.4	138
17	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, 7992-7997.	2.4	121
18	Carotenoid-Biofortified Maize Maintains Adequate Vitamin A Status in Mongolian Gerbils. <i>Journal of Nutrition</i> , 2006, 136, 2562-2567.	1.3	115

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19	Metabolic Effects of Inflammation on Vitamin A and Carotenoids in Humans and Animal Models. <i>Advances in Nutrition</i> , 2017, 8, 197-212.	2.9	105
20	Undernutrition, the Acute Phase Response to Infection, and Its Effects on Micronutrient Status Indicators. <i>Advances in Nutrition</i> , 2014, 5, 702-711.	2.9	94
21	Provitamin A Carotenoid Bioavailability: What Really Matters?. <i>International Journal for Vitamin and Nutrition Research</i> , 2010, 80, 336-350.	0.6	82
22	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, 6317-6325.	2.4	79
23	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.	5.9	76
24	Vitamin A Status of Indonesian Children Infected with <i>Ascaris lumbricoides</i> after Dosing with Vitamin A Supplements and Albendazole. <i>Journal of Nutrition</i> , 1996, 126, 451-457.	1.3	75
25	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.	4.0	71
26	Retinol to Retinol-Binding Protein (RBP) Is Low in Obese Adults due to Elevated apoB-RBP. <i>Experimental Biology and Medicine</i> , 2008, 233, 1255-1261.	1.1	70
27	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, 105-111.	0.6	67
28	Factors Influencing the Conversion of Carotenoids to Retinol: Bioavailability to Bioconversion to Bioefficacy. <i>International Journal for Vitamin and Nutrition Research</i> , 2002, 72, 40-45.	0.6	66
29	β^2 -Cryptoxanthin from supplements or carotenoid-enhanced maize maintains liver vitamin A in Mongolian gerbils (<i>Meriones unguiculatus</i>) better than or equal to β^2 -carotene supplements. <i>British Journal of Nutrition</i> , 2008, 100, 786-793.	1.2	61
30	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.	1.1	60
31	Twice the Amount of β^1 -Carotene Isolated from Carrots Is as Effective as β^2 -Carotene in Maintaining the Vitamin A Status of Mongolian Gerbils. <i>Journal of Nutrition</i> , 2005, 135, 2622-2626.	1.3	56
32	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.	5.9	55
33	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, 1223-1230.	1.3	52
34	Vitamin A and Iron Status Are Improved by Vitamin A and Iron Supplementation in Pregnant Indonesian Women. <i>Journal of Nutrition</i> , 2002, 132, 1909-1912.	1.3	50
35	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.	5.9	48
36	Cod Liver Oil, Vitamin A Toxicity, Frequent Respiratory Infections, and the Vitamin D Deficiency Epidemic. <i>Annals of Otology, Rhinology and Laryngology</i> , 2008, 117, 864-870.	0.6	47

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37	Vitamin A Status Assessment in Rats with ¹³ C ₄ -Retinyl Acetate and Gas Chromatography/Combustion/Isotope Ratio Mass Spectrometry. <i>Journal of Nutrition</i> , 2000, 130, 2844-2849.	1.3	45
38	Lutein and ¹³ C ₂ -carotene from lutein-containing yellow carrots are bioavailable in humans. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 131-136.	2.2	45
39	Vitamin A inadequacy in socioeconomically disadvantaged pregnant lowan women as assessed by the modified relative dose response (MRDR) test. <i>Nutrition Research</i> , 1995, 15, 1263-1276.	1.3	43
40	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, 1100.	1.7	42
41	A Modified Relative Dose-Response Assay Employing 3,4-Didehydroretinol (Vitamin A ₂) in Rats. <i>Journal of Nutrition</i> , 1988, 118, 598-603.	1.3	41
42	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, 519-524.	1.3	41
43	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, 847-854.	1.3	41
44	Sweet Potato ¹³ C ₂ -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.	1.3	40
45	Vitamin A and Bone Health: The Balancing Act. <i>Journal of Clinical Densitometry</i> , 2013, 16, 414-419.	0.5	40
46	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.	2.2	40
47	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.	1.8	39
48	Retention of Carotenoids in Biofortified Maize Flour and ¹³ C ₂ -Cryptoxanthin-Enhanced Eggs after Household Cooking. <i>ACS Omega</i> , 2017, 2, 7320-7328.	1.6	39
49	Simplified methodology to determine breast milk retinol concentrations. <i>Journal of Lipid Research</i> , 2002, 43, 350-355.	2.0	39
50	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.	0.5	36
51	Biofortified Orange Maize Enhances ¹³ C ₂ -Cryptoxanthin Concentrations in Egg Yolks of Laying Hens Better than Tangerine Peel Fortificant. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11892-11900.	2.4	36
52	Vitamin A in dietary supplements and fortified foods: Too much of a good thing?. <i>Journal of the American Dietetic Association</i> , 2003, 103, 1185-1187.	1.3	35
53	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, 972-978.	1.3	34
54	Carotenoid accumulation and agronomic performance of maize hybrids involving parental combinations from different marker-based groups. <i>Food Chemistry</i> , 2014, 148, 131-137.	4.2	34

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55	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.	0.5	34
56	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, e0228258.	1.1	34
57	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, 1344-1349.	2.2	33
58	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.	0.5	33
59	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.	1.8	33
60	Bioavailability of $\hat{1}^2$ -carotene ($\hat{1}^2$ C) from purple carrots is the same as typical orange carrots while high- $\hat{1}^2$ C carrots increase $\hat{1}^2$ C stores in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>British Journal of Nutrition</i> , 2006, 96, 258-267.	1.2	32
61	13 C Natural Abundance in Serum Retinol Acts as a Biomarker for Increases in Dietary Provitamin A. <i>Experimental Biology and Medicine</i> , 2009, 234, 140-147.	1.1	32
62	Strategies to Increase Vegetable or Reduce Energy and Fat Intake Induce Weight Loss in Adults. <i>Experimental Biology and Medicine</i> , 2009, 234, 542-552.	1.1	32
63	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.	2.2	32
64	Simplified methodology to determine breast milk retinol concentrations. <i>Journal of Lipid Research</i> , 2002, 43, 350-5.	2.0	32
65	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, 1186-1192.	1.3	31
66	Cassava with enhanced $\hat{1}^2$ -carotene maintains adequate vitamin A status in Mongolian gerbils (<i>Meriones</i>) Tj ETQq0 0,0 rgBT /Overlock 10	1.2	31
67	Lutein absorption is facilitated with cosupplementation of ascorbic acid in young adults. <i>Journal of the American Dietetic Association</i> , 2005, 105, 114-118.	1.3	30
68	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, 1259-1265.	2.2	30
69	$\hat{1}^2$ -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, 1395-1400.	1.3	29
70	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, 1192-1199.	2.2	29
71	Changes in micronutrient and inflammation serum biomarker concentrations after a norovirus human challenge. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1456-1464.	2.2	29
72	Synthesis of 10,11,14,15- 13 C ₄ -and 14,15- 13 C ₂ -retinyl acetate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, 365-372.	0.5	28

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73	Assessing the Safety of Vitamin A Delivered Through Large-Scale Intervention Programs. <i>Food and Nutrition Bulletin</i> , 2016, 37, S63-S74.	0.5	28
74	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, 427-433.	2.2	27
75	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, 1350-1356.	2.2	27
76	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, 6745-6750.	2.4	27
77	Mathematical Modeling of Serum ¹³ C-Retinol in Captive Rhesus Monkeys Provides New Insights on Hypervitaminosis A, <i>Journal of Nutrition</i> , 2009, 139, 2000-2006.	1.3	27
78	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.	1.3	27
79	Exploiting natural variation in exotic germplasm for increasing provitamin-A carotenoids in tropical maize. <i>Euphytica</i> , 2015, 205, 203-217.	0.6	26
80	Biofortified Carrot Intake Enhances Liver Antioxidant Capacity and Vitamin A Status in Mongolian Gerbils ¹ . <i>Journal of Nutrition</i> , 2008, 138, 1692-1698.	1.3	25
81	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.	2.2	25
82	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, 1045-1053.	2.2	24
83	¹⁴ C-Retinol Is Distributed through Serum Retinol-Binding Protein-Independent Mechanisms in the Lactating Sow-Nursing Piglet Dyad. <i>Journal of Nutrition</i> , 2011, 141, 42-47.	1.3	24
84	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, 3316-3318.	1.3	23
85	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, 136-143.	2.4	23
86	Nutrient and Nontraditional Food Intakes by Zambian Children in a Controlled Feeding Trial. <i>Food and Nutrition Bulletin</i> , 2014, 35, 60-67.	0.5	23
87	Dietary Intake Patterns among Lactating and Non-Lactating Women of Reproductive Age in Rural Zambia. <i>Nutrients</i> , 2019, 11, 288.	1.7	23
88	Oral Doses of ¹⁴ C-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, 1188-1195.	1.3	21
89	Subtoxic Hepatic Vitamin A Concentrations in Captive Rhesus Monkeys (<i>Macaca mulatta</i>). <i>Journal of Nutrition</i> , 2001, 131, 2904-2909.	1.3	20
90	Vitamin A Concentrations in Piglet Extrahepatic Tissues Respond Differently Ten Days after Vitamin A Treatment. <i>Journal of Nutrition</i> , 2008, 138, 1101-1106.	1.3	20

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91	High-Provitamin A Carotenoid (Orange) Maize Increases Hepatic Vitamin A Reserves of Offspring in a Vitamin A-Depleted Sow-Piglet Model during Lactation ¹ . <i>Journal of Nutrition</i> , 2013, 143, 1141-1146.	1.3	20
92	Elevated serum concentrations of β -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, 851-858.	2.2	19
93	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, 939-945.	1.3	19
94	Carotenoid profiles in provitamin A-containing fruits and vegetables affect the bioefficacy in Mongolian gerbils. <i>Experimental Biology and Medicine</i> , 2010, 235, 839-848.	1.1	19
95	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, 1991-1996.	1.3	19
96	Vitamin a Fortification Efforts Require Accurate Monitoring of Population Vitamin A Status to Prevent Excessive Intakes. <i>Procedia Chemistry</i> , 2015, 14, 398-407.	0.7	19
97	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.	1.3	19
98	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.	2.2	19
99	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, 1373-1381.	1.2	18
100	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.	1.3	17
101	A Theoretical Increase in Infants' Hepatic Vitamin A Is Realized Using a Supplemented Lactating Sow Model. <i>Journal of Nutrition</i> , 2003, 133, 1139-1142.	1.3	16
102	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, 4202-4206.	1.3	15
103	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.	1.0	15
104	Provitamin A-biofortified maize consumption increases serum xanthophylls and ¹³ C-natural abundance of retinol in Zambian children. <i>Experimental Biology and Medicine</i> , 2017, 242, 1508-1514.	1.1	15
105	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.	1.6	15
106	Prenatal Vitamin a Deficiency Causes Laryngeal Malformation in Rats. <i>Annals of Otology, Rhinology and Laryngology</i> , 2007, 116, 785-792.	0.6	14
107	Anthocyanins in Purple ² Orange Carrots (<i>Daucus carota</i> L.) Do Not Influence the Bioavailability of β -Carotene in Young Women. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2877-2881.	2.4	14
108	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.	2.9	14

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109	β -Cryptoxanthin 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.	2.2	14
110	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.	0.4	14
111	Small quantities of carotenoid-rich tropical green leafy vegetables indigenous to Africa maintain vitamin A status in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>British Journal of Nutrition</i> , 2010, 103, 1594-1601.	1.2	13
112	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.	1.9	13
113	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.	1.3	13
114	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.	1.4	13
115	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.	1.3	13
116	Extra-Hepatic Vitamin A Concentrations in Captive Rhesus (<i>Macaca Mulatta</i>) and Marmoset (<i>Callithrix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T 2005, 75, 126-132.	0.6	12
117	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.	1.1	12
118	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, 554-559.	1.3	11
119	δ -Dose-to-Mother™ Deuterium Oxide Dilution Technique: An Accurate Strategy to Measure Vitamin A Intake in Breastfed Infants. <i>Nutrients</i> , 2017, 9, 169.	1.7	11
120	The Dawn of a New Era in Vitamin A Assessment. <i>Journal of Nutrition</i> , 2020, 150, 185-187.	1.3	11
121	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, 2097-2104.	1.3	10
122	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, 162-169.	1.2	10
123	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.	1.1	10
124	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.	2.2	10
125	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.	0.4	10
126	Roles of Vitamin a and Macula Flava in Maintaining Vocal Folds. <i>Annals of Otology, Rhinology and Laryngology</i> , 2008, 117, 65-73.	0.6	9

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127	Vitamin a Deficiency Causes Metaplasia in Vocal Fold Epithelium: A Rat Study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008, 117, 153-158.	0.6	9
128	Serum carotenoid interactions in premenopausal women reveal $\hat{\pm}$ -carotene is negatively impacted by body fat. <i>Experimental Biology and Medicine</i> , 2017, 242, 1262-1270.	1.1	9
129	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.	1.1	9
130	Usefulness of Vitamin A Isotope Methods for Status Assessment: From Deficiency through Excess. <i>International Journal for Vitamin and Nutrition Research</i> , 2014, 84, 16-24.	0.6	9
131	Vitamin A intake of captive rhesus monkeys exceeds national research council recommendations. <i>American Journal of Primatology</i> , 2006, 68, 1114-1119.	0.8	8
132	New frontiers in science and technology: nuclear techniques in nutrition. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 691S-695S.	2.2	8
133	Suboptimal Vitamin B Intakes of Zambian Preschool Children: Evaluation of 24-Hour Dietary Recalls. <i>Food and Nutrition Bulletin</i> , 2018, 39, 281-289.	0.5	8
134	Liver retinol estimated by ^{13}C -retinol isotope dilution at 7 versus 14 days in Burkinabe schoolchildren. <i>Experimental Biology and Medicine</i> , 2019, 244, 1430-1437.	1.1	8
135	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.	1.1	8
136	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, 3005-3012.	1.3	8
137	Metabolism of Neonatal Vitamin A Supplementation: A Systematic Review. <i>Advances in Nutrition</i> , 2021, 12, 942-958.	2.9	8
138	Serum $\hat{\pm}$ - and $\hat{2}$ -Carotene Concentrations Qualitatively Respond to Sustained Carrot Feeding. <i>Experimental Biology and Medicine</i> , 2009, 234, 1280-1286.	1.1	7
139	^{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, 1290-1297.	1.3	7
140	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, jn241935.	1.3	7
141	Serum Carotenoids Reveal Poor Fruit and Vegetable Intake among Schoolchildren in Burkina Faso. <i>Nutrients</i> , 2018, 10, 1422.	1.7	7
142	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.	2.2	6
143	Reply to G Heinz et al. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 1135.	2.2	6
144	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.	0.9	6

#	ARTICLE	IF	CITATIONS
145	Nutrient-Wise Review of Evidence and Safety of Fortification. , 2018, , 247-253.		6
146	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.	1.5	6
147	Recommendations to adjust national vitamin A intervention policy must follow a consistent framework. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1707-1708.	2.2	6
148	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, 52-59.	0.6	6
149	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.	2.0	5
150	Hypervitaminosis A in experimental nonhuman primates: evidence, causes, and the road to recovery. <i>American Journal of Primatology</i> , 2009, 71, 813-816.	0.8	5
151	Perspective: Integration to Implementation (I-to-I) and the Micronutrient Forumâ€™s Addressing the Safety and Effectiveness of Vitamin A Supplementation. <i>Advances in Nutrition</i> , 2019, 11, 185-199.	2.9	5
152	Carrot Leaves Maintain Liver Vitamin A Concentrations in Male Mongolian Gerbils Regardless of the Ratio of $\dot{1}\pm$ - to $\dot{1}^2$ -Carotene When $\dot{1}^2$ -Carotene Equivalents Are Equalized. <i>Journal of Nutrition</i> , 2019, 149, 951-958.	1.3	5
153	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 $\dot{1}\pm$ -Retinol. <i>Current Developments in Nutrition</i> , 2019, 3, nzy096.	0.1	5
154	Findings in 3 clinical trials challenge the accuracy of the Institute of Medicineâ€™s estimated average requirements for vitamin A in children and women. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1322-1331.	2.2	5
155	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.	2.9	5
156	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.	0.1	5
157	Chronic and acute hypervitaminosis A are associated with suboptimal anthropometric measurements in a cohort of South African preschool children. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1059-1068.	2.2	5
158	Developing a Model of Vitamin A Deficiency in a Hibernating Mammal, the 13-Lined Ground Squirrel (<i>Ictidomys tridecemlineatus</i>). <i>Comparative Medicine</i> , 2018, 68, 196-203.	0.4	4
159	Retinol-binding protein, retinol, and modified-relative-dose response in Ugandan children aged 12â€™23 months and their non-pregnant caregivers. <i>Experimental Biology and Medicine</i> , 2021, 246, 906-915.	1.1	4
160	Community mobilization during biofortified orange maize feeding trials in Zambia. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, 90, 257-265.	0.6	4
161	Time Since Dose and Dietary Vitamin A Intake Affect Tracer Mixing in the ^{13}C -Retinol Isotope Dilution Test in Male Rats. <i>Journal of Nutrition</i> , 2022, 152, 1582-1591.	1.3	4
162	Carotenoids and Bone Health. , 2013, , 237-245.		3

#	ARTICLE	IF	CITATIONS
163	Hepatic Vitamin A Concentrations in Vervets (<i>Chlorocebus aethiops</i>) Supplemented with Carotenoids Derived from Oil Palm. <i>Journal of the American Association for Laboratory Animal Science</i> , 2018, 57, 456-464.	0.6	3
164	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.	1.1	3
165	Horticultural Crops as a Source of Carotenoids. , 2013, , 293-301.		3
166	Orally ingested (13)C(2)-retinol is incorporated into hepatic retinyl esters in a nonhuman primate (<i>Macaca mulatta</i>) model of hypervitaminosis A. <i>Comparative Medicine</i> , 2010, 60, 71-6.	0.4	3
167	Healthy birth weight results in higher vitamin A storage in neonate piglets administered high-dose supplements. <i>Experimental Biology and Medicine</i> , 2015, 240, 1378-1385.	1.1	2
168	β -Cryptoxanthin Biofortified Hen Eggs Enhance Vitamin A Status When Fed to Male Mongolian Gerbils. <i>Journal of Nutrition</i> , 2018, 148, 1236-1243.	1.3	2
169	Dynamics of vitamin A uptake, storage, and utilization in vocal fold mucosa. <i>Molecular Metabolism</i> , 2020, 40, 101025.	3.0	2
170	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.	1.1	2
171	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.	0.2	2
172	Reply to G Lietz et al.. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 521-522.	2.2	1
173	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, 235-236.	2.2	1
174	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, nzaa041_014.	0.1	1
175	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.	1.3	1
176	International Efforts to Eradicate Vitamin A Deficiency. , 2013, , 317-324.		1
177	Fermentation of Cassava Leaves Improves Provitamin A Carotenoid Bioefficacy in Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>European Journal of Nutrition & Food Safety</i> , 2018, 8, 257-265.	0.2	1
178	Evaluation of a high-vegetable intervention for weight loss in obese individuals. <i>FASEB Journal</i> , 2006, 20, A580.	0.2	1
179	Adaptation to and Intake Patterns of Traditional Foods Made from Biofortified Orange Maize (<i>Zea mays</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 0.2 1	0.2	1
180	Reply to R Prakash. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 462-463.	2.2	0

#	ARTICLE	IF	CITATIONS
181	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.	1.1	0
182	Carrots of Various Colors. , 2013, , 21-28.		0
183	Reply to Hasman et al.. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 392-393.	2.2	0
184	Maternal chronic vitamin A toxicity amplifies early fetal liver retinyl ester storage in captive Old World monkeys. <i>FASEB Journal</i> , 2007, 21, A49.	0.2	0
185	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.	0.2	0
186	Bioaccessibility of Carotenoids from Maize Flour with Varying Levels of Resistant Starch Type 2 and 3. <i>FASEB Journal</i> , 2012, 26, lb314.	0.2	0
187	Reply to R Prakash. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 462-463.	2.2	0
188	Geographic and socio-demographic determinants of plasma retinol concentrations in Chinese pregnant and lactating women. <i>European Journal of Nutrition</i> , 2021, 61, 1561.	1.8	0