

Laura E Murray-Kolb

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

5,074
citations

109137

35
h-index

95083

68
g-index

98
all docs

98
docs citations

98
times ranked

5693
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Iron Deficiency Anemia Affects Postpartum Emotions and Cognition. <i>Journal of Nutrition</i> , 2005, 135, 267-272.	1.3	318
2	Iron treatment normalizes cognitive functioning in young women. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 778-787.	2.2	281
3	Use of quantitative molecular diagnostic methods to investigate the effect of enteropathogen infections on linear growth in children in low-resource settings: longitudinal analysis of results from the MAL-ED cohort study. <i>The Lancet Global Health</i> , 2018, 6, e1319-e1328.	2.9	280
4	Use of quantitative molecular diagnostic methods to assess the aetiology, burden, and clinical characteristics of diarrhoea in children in low-resource settings: a reanalysis of the MAL-ED cohort study. <i>The Lancet Global Health</i> , 2018, 6, e1309-e1318.	2.9	251
5	Low Hemoglobin Level Is a Risk Factor for Postpartum Depression. <i>Journal of Nutrition</i> , 2003, 133, 4139-4142.	1.3	213
6	Prenatal Micronutrient Supplementation and Intellectual and Motor Function in Early School-aged Children in Nepal. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 2716.	3.8	208
7	Iron-Biofortified Rice Improves the Iron Stores of Nonanemic Filipino Women. <i>Journal of Nutrition</i> , 2005, 135, 2823-2830.	1.3	201
8	Causal Pathways from Enteropathogens to Environmental Enteropathy: Findings from the MAL-ED Birth Cohort Study. <i>EBioMedicine</i> , 2017, 18, 109-117.	2.7	183
9	Epidemiology and Impact of <i>Campylobacter</i> Infection in Children in 8 Low-Resource Settings: Results From the MAL-ED Study. <i>Clinical Infectious Diseases</i> , 2016, 63, ciw542.	2.9	163
10	Mother-Infant Interactions and Infant Development Are Altered by Maternal Iron Deficiency Anemia. <i>Journal of Nutrition</i> , 2005, 135, 850-855.	1.3	159
11	Associations between women's autonomy and child nutritional status: a review of the literature. <i>Maternal and Child Nutrition</i> , 2015, 11, 452-482.	1.4	151
12	Consuming Iron Biofortified Beans Increases Iron Status in Rwandan Women after 128 Days in a Randomized Controlled Feeding Trial. <i>Journal of Nutrition</i> , 2016, 146, 1586-1592.	1.3	145
13	Iron deficiency and child and maternal health. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 946S-950S.	2.2	131
14	A Randomized Trial of Iron-Biofortified Pearl Millet in School Children in India. <i>Journal of Nutrition</i> , 2015, 145, 1576-1581.	1.3	128
15	The Impact of Anemia on Child Mortality: An Updated Review. <i>Nutrients</i> , 2014, 6, 5915-5932.	1.7	121
16	Iron deficiency: Differential effects on monoamine transporters. <i>Nutritional Neuroscience</i> , 2005, 8, 31-38.	1.5	120
17	Women with low iron stores absorb iron from soybeans. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 180-184.	2.2	109
18	Interpretation of serum ferritin concentrations as indicators of total-body iron stores in survey populations: the role of biomarkers for the acute phase response. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1498-1505.	2.2	107

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19	Early Iron Deficiency Alters Sensorimotor Development and Brain Monoamines in Rats. <i>Journal of Nutrition</i> , 2007, 137, 118-124.	1.3	79
20	Transgenic Rice Is a Source of Iron for Iron-Depleted Rats. <i>Journal of Nutrition</i> , 2002, 132, 957-960.	1.3	77
21	Early-life enteric infections: relation between chronic systemic inflammation and poor cognition in children. <i>Nutrition Reviews</i> , 2016, 74, 374-386.	2.6	73
22	Congenital Cytomegalovirus Infection Burden and Epidemiologic Risk Factors in Countries With Universal Screening. <i>JAMA Network Open</i> , 2021, 4, e2120736.	2.8	71
23	Nutritional Guidance Is Needed During Dietary Transition in Early Childhood. <i>Pediatrics</i> , 2000, 106, 109-114.	1.0	70
24	Iron Nutrition and Premenopausal Women: Effects of Poor Iron Status on Physical and Neuropsychological Performance. <i>Annual Review of Nutrition</i> , 2013, 33, 271-288.	4.3	68
25	Cognitive Performance in Indian School-Going Adolescents Is Positively Affected by Consumption of Iron-Biofortified Pearl Millet: A 6-Month Randomized Controlled Efficacy Trial. <i>Journal of Nutrition</i> , 2018, 148, 1462-1471.	1.3	67
26	Are Biofortified Staple Food Crops Improving Vitamin A and Iron Status in Women and Children? New Evidence from Efficacy Trials. <i>Advances in Nutrition</i> , 2014, 5, 568-570.	2.9	66
27	The Unexplored Crossroads of the Female Athlete Triad and Iron Deficiency: A Narrative Review. <i>Sports Medicine</i> , 2017, 47, 1721-1737.	3.1	64
28	The MAL-ED Cohort Study: Methods and Lessons Learned When Assessing Early Child Development and Caregiving Mediators in Infants and Young Children in 8 Low- and Middle-Income Countries. <i>Clinical Infectious Diseases</i> , 2014, 59, S261-S272.	2.9	61
29	Consumption of Iron-Biofortified Beans Positively Affects Cognitive Performance in 18- to 27-Year-Old Rwandan Female College Students in an 18-Week Randomized Controlled Efficacy Trial. <i>Journal of Nutrition</i> , 2017, 147, 2109-2117.	1.3	60
30	Iron Status and Neuropsychological Consequences in Women of Reproductive Age: What Do We Know and Where Are We Headed?., <i>Journal of Nutrition</i> , 2011, 141, 747S-755S.	1.3	54
31	Impact of early-onset persistent stunting on cognitive development at 5 years of age: Results from a multi-country cohort study. <i>PLoS ONE</i> , 2020, 15, e0227839.	1.1	52
32	Iron Status Is Associated with Performance on Executive Functioning Tasks in Nonanemic Young Women. <i>Journal of Nutrition</i> , 2016, 146, 30-37.	1.3	50
33	Enteric dysfunction and other factors associated with attained size at 5 years: MAL-ED birth cohort study findings. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 131-138.	2.2	47
34	Iron and brain functions. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 703-707.	1.3	46
35	Measuring home environments across cultures: Invariance of the HOME scale across eight international sites from the MAL-ED study. <i>Journal of School Psychology</i> , 2017, 64, 109-127.	1.5	44
36	Early childhood development and stunting: Findings from the MAL-ED birth cohort study in Bangladesh. <i>Maternal and Child Nutrition</i> , 2020, 16, e12864.	1.4	42

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37	Early childhood growth and cognitive outcomes: Findings from the MAL-ED study. <i>Maternal and Child Nutrition</i> , 2018, 14, e12584.	1.4	41
38	Preschool Iron-Folic Acid and Zinc Supplementation in Children Exposed to Iron-Folic Acid in Utero Confers No Added Cognitive Benefit in Early School-Age. <i>Journal of Nutrition</i> , 2011, 141, 2042-2048.	1.3	40
39	Double-Fortified Salt Is Efficacious in Improving Indicators of Iron Deficiency in Female Indian Tea Pickers. <i>Journal of Nutrition</i> , 2014, 144, 957-964.	1.3	39
40	Net benefit and cost-effectiveness of universal iron-containing multiple micronutrient powders for young children in 78 countries: a microsimulation study. <i>The Lancet Global Health</i> , 2020, 8, e1071-e1080.	2.9	32
41	Intestinal permeability and inflammation mediate the association between nutrient density of complementary foods and biochemical measures of micronutrient status in young children: results from the MAL-ED study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1015-1025.	2.2	27
42	Iron deficiency affects acoustic startle response and latency, but not prepulse inhibition in young adult rats. <i>Physiology and Behavior</i> , 2006, 87, 917-924.	1.0	26
43	Iron Absorption Prediction Equations Lack Agreement and Underestimate Iron Absorption. <i>Journal of Nutrition</i> , 2007, 137, 1741-1746.	1.3	26
44	Cardiorespiratory Fitness Is Associated with Better Executive Function in Young Women. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1994-2002.	0.2	26
45	Postpartum depressive symptoms across time and place: Structural invariance of the Self-Reporting Questionnaire among women from the international, multi-site MAL-ED study. <i>Journal of Affective Disorders</i> , 2014, 167, 178-186.	2.0	23
46	Changes in Iron Status Are Related to Changes in Brain Activity and Behavior in Rwandan Female University Students: Results from a Randomized Controlled Efficacy Trial Involving Iron-Biofortified Beans. <i>Journal of Nutrition</i> , 2019, 149, 687-697.	1.3	23
47	Consumption of a Double-Fortified Salt Affects Perceptual, Attentional, and Mnemonic Functioning in Women in a Randomized Controlled Trial in India. <i>Journal of Nutrition</i> , 2017, 147, 2297-2308.	1.3	22
48	Iron status in association with cardiovascular disease risk in 3 controlled feeding studies. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 56-62.	2.2	21
49	How multiple episodes of exclusive breastfeeding impact estimates of exclusive breastfeeding duration: report from the eight-site MAL-ED birth cohort study. <i>Maternal and Child Nutrition</i> , 2016, 12, 740-756.	1.4	21
50	Combined Iron Deficiency and Low Aerobic Fitness Doubly Burden Academic Performance among Women Attending University. <i>Journal of Nutrition</i> , 2017, 147, 104-109.	1.3	21
51	Early Life Experiences and Trajectories of Cognitive Development. <i>Pediatrics</i> , 2020, 146, .	1.0	21
52	Early Life Child Micronutrient Status, Maternal Reasoning, and a Nurturing Household Environment have Persistent Influences on Child Cognitive Development at Age 5 years: Results from MAL-ED. <i>Journal of Nutrition</i> , 2019, 149, 1460-1469.	1.3	20
53	Effect of iron deficiency on simultaneous measures of behavior, brain activity, and energy expenditure in the performance of a cognitive task. <i>Nutritional Neuroscience</i> , 2019, 22, 196-206.	1.5	20
54	Resistance Training Affects Iron Status in Older Men and Women. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001, 11, 287-298.	1.0	17

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55	Assessing development across cultures: Invariance of the Bayley-III Scales Across Seven International MAL-ED sites.. <i>School Psychology Quarterly</i> , 2018, 33, 604-614.	2.4	17
56	Association between menarche and iron deficiency in non-anemic young women. <i>PLoS ONE</i> , 2017, 12, e0177183.	1.1	17
57	What Matters Most: An Investigation of Predictors of Perceived Stress Among Young Mothers in Khayelitsha. <i>Health Care for Women International</i> , 2008, 29, 638-648.	0.6	16
58	Tree Nut Consumption and Adipose Tissue Mass: Mechanisms of Action. <i>Current Developments in Nutrition</i> , 2018, 2, nzy069.	0.1	16
59	Daily food insecurity is associated with diet quality, but not energy intake, in winter and during COVID-19, among low-income adults. <i>Nutrition Journal</i> , 2022, 21, 19.	1.5	16
60	Identifying factors predicting iron deficiency in United States adolescent females using the ferritin and the body iron models. <i>Clinical Nutrition ESPEN</i> , 2015, 10, e118-e123.	0.5	15
61	Household Wealth and Neurocognitive Development Disparities among School-aged Children in Nepal. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 575-586.	0.8	14
62	Food Insecurity and Micronutrient Status among Ghanaian Women Planning to Become Pregnant. <i>Nutrients</i> , 2020, 12, 470.	1.7	14
63	Integration to Implementation and the Micronutrient Forum: A Coordinated Approach for Global Nutrition. Case Study Application: Safety and Effectiveness of Iron Interventions. <i>Advances in Nutrition</i> , 2016, 7, 135-148.	2.9	10
64	Double Fortified Salt Intervention Improved Iron Intake But Not Energy and Other Nutrient Intakes in Female Tea Plantation Workers From West Bengal, India. <i>Food and Nutrition Bulletin</i> , 2017, 38, 369-383.	0.5	10
65	Iron status at opposite ends of the menstrual function spectrum. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 169-175.	1.5	10
66	The prevalence of anemia and iron deficiency among pregnant Ghanaian women, a longitudinal study. <i>PLoS ONE</i> , 2021, 16, e0248754.	1.1	10
67	Let Me Go: The Influences of Crawling Experience and Temperament on the Development of Anger Expression. <i>Infancy</i> , 2012, 17, 558-577.	0.9	8
68	Factor Structure of Scores from the Conners' Rating Scales—Revised Among Nepali Children. <i>International Journal of School and Educational Psychology</i> , 2014, 2, 261-270.	1.0	7
69	Are early childhood stunting and catch-up growth associated with school age cognition?—Evidence from an Indian birth cohort. <i>PLoS ONE</i> , 2022, 17, e0264010.	1.1	7
70	The Role of Pre-Primary Classes on School-Age Cognition in Rural Nepal. <i>Journal of Pediatrics</i> , 2015, 166, 717-722.	0.9	6
71	Why Do Children in Slums Suffer from Anemia, Iron, Zinc, and Vitamin A Deficiency? Results from a Birth Cohort Study in Dhaka. <i>Nutrients</i> , 2019, 11, 3025.	1.7	6
72	Adolescent Anemia Screening During Ambulatory Pediatric Visits in the United States. <i>Journal of Community Health</i> , 2015, 40, 331-338.	1.9	5

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73	Characteristics associated with the transition to partial breastfeeding prior to 6 months of age: Data from seven sites in a birth cohort study. <i>Maternal and Child Nutrition</i> , 2021, 17, e13166.	1.4	5
74	Approach temperament across cultures: Validity of the Infant Temperament Scale in MAL-ED. <i>International Journal of School and Educational Psychology</i> , 2018, 6, 266-278.	1.0	4
75	Assessing Early Childhood Fluid Reasoning in Low- and Middle-Income Nations: Validity of the Wechsler Preschool and Primary Scale of Intelligence Across Seven MAL-ED Sites. <i>Journal of Psychoeducational Assessment</i> , 2020, 38, 256-262.	0.9	4
76	High levels of depressive symptoms and low quality of life are reported during pregnancy in Cape Coast, Ghana; a longitudinal study. <i>BMC Public Health</i> , 2022, 22, 894.	1.2	4
77	Variation in the Diets of Filipino Women over 9 Months of Continuous Observation. <i>Food and Nutrition Bulletin</i> , 2007, 28, 206-214.	0.5	3
78	Concurrent Micronutrient Deficiencies Are Low and Micronutrient Status Is Not Related to Common Health Indicators in Ghanaian Women Expecting to Become Pregnant. <i>Current Developments in Nutrition</i> , 2019, 3, nzz053.	0.1	3
79	Nutrient adequacy and food group consumption of Filipino novices and religious sisters over a nine month period. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008, 17, 566-72.	0.3	3
80	Food Insecurity and Mental Well-Being in Immigrants: A Global Analysis. <i>American Journal of Preventive Medicine</i> , 2022, 63, 301-311.	1.6	3
81	Iron supplementation in early life and child health. <i>The Lancet Global Health</i> , 2013, 1, e56-e57.	2.9	2
82	Risk-Benefit and Cost-Effectiveness of Universal Iron Interventions for Public Health Control of Anemia in Young Children in 78 Countries: A Microsimulation Study. <i>Blood</i> , 2018, 132, 2276-2276.	0.6	2
83	Daily Food Insecurity Predicts Lower Positive and Higher Negative Affect: An Ecological Momentary Assessment Study. <i>Frontiers in Nutrition</i> , 2022, 9, 790519.	1.6	2
84	Examining Consequence of Brain Iron Deficiency in the Absence of Anemia. <i>Journal of Nutrition</i> , 2018, 148, 1511-1512.	1.3	1
85	Influences on catch-up growth using relative versus absolute metrics: evidence from the MAL-ED cohort study. <i>BMC Public Health</i> , 2021, 21, 1246.	1.2	1
86	Maternal depressive symptoms and infant diarrhea in Bangladesh. <i>FASEB Journal</i> , 2011, 25, .	0.2	1
87	Menstrual Cycle-Associated Changes in Micronutrient Biomarkers Concentration: A Prospective Cohort Study. , 2023, 42, 339-348.		1
88	Effects of preconceptional through postpartum vitamin A supplementation on intellectual, motor, and behavioural development of school-aged offspring in rural Nepal.. <i>FASEB Journal</i> , 2009, 23, LB498.	0.2	0
89	Gestational Iodine Deficiency, Child Cognition And Motor Skills At Age 5 Years In Rural Bangladesh. <i>FASEB Journal</i> , 2011, 25, 779.9.	0.2	0
90	The Characterization of Iron Status in InCHIANTI: The Use of a Higher Ferritin Cutoff. <i>FASEB Journal</i> , 2012, 26, 627.2.	0.2	0

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91	Maternal iron status and depressive symptoms in rural Bangladesh. FASEB Journal, 2013, 27, 845.2.	0.2	0
92	“Nutrition, Behavior, and Mental Health” a Unique Undergraduate Course at the Intersection of Food and Mood. FASEB Journal, 2013, 27, 1064.7.	0.2	0
93	Iron Status is Related to Cognitive Performance: A Longitudinal Analysis of Data from the InCHIANTI Study. FASEB Journal, 2013, 27, 346.8.	0.2	0
94	Title is missing!. , 2020, 15, e0227839.		0
95	Title is missing!. , 2020, 15, e0227839.		0
96	Title is missing!. , 2020, 15, e0227839.		0
97	Title is missing!. , 2020, 15, e0227839.		0