

Alison D Gernand

List of Publications by Year in descending order

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55
papers

2,026
citations

377584

21
h-index

286692

43
g-index

63
all docs

63
docs citations

63
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Menstrual Cycle-Associated Changes in Micronutrient Biomarkers Concentration: A Prospective Cohort Study. , 2023, 42, 339-348.		1
2	Effect of maternal prenatal and postpartum vitamin D supplementation on offspring bone mass and muscle strength in early childhood: follow-up of a randomized controlled trial. American Journal of Clinical Nutrition, 2022, 115, 770-780.	2.2	6
3	Preconceptional and Periconceptional Pathways to Preeclampsia. , 2022, , 71-94.		2
4	Underreporting of Energy Intake Increases over Pregnancy: An Intensive Longitudinal Study of Women with Overweight and Obesity. Nutrients, 2022, 14, 2326.	1.7	3
5	Higher maternal parathyroid hormone concentration at delivery is not associated with smaller newborn size. Endocrine Connections, 2021, 10, 345-357.	0.8	2
6	Chorioamnionitis and Risk for Maternal and Neonatal Sepsis. Obstetrics and Gynecology, 2021, 137, 1007-1022.	1.2	46
7	Basal Vitamin D Status and Supplement Dose Are Primary Contributors to Maternal 25-Hydroxyvitamin D Response to Prenatal and Postpartum Cholecalciferol Supplementation. Journal of Nutrition, 2021, 151, 3361-3378.	1.3	1
8	Effect of vitamin D supplementation during pregnancy on mid-to-late gestational blood pressure in a randomized controlled trial in Bangladesh. Journal of Hypertension, 2021, 39, 135-142.	0.3	4
9	Limited data exist to inform our basic understanding of micronutrient requirements in pregnancy. Science Advances, 2021, 7, eabj8016.	4.7	4
10	Setting research priorities on multiple micronutrient supplementation in pregnancy. Annals of the New York Academy of Sciences, 2020, 1465, 76-88.	1.8	9
11	Multi-region saliency-aware learning for cross-domain placenta image segmentation. Pattern Recognition Letters, 2020, 140, 165-171.	2.6	10
12	Plasma volume variation across the menstrual cycle among healthy women of reproductive age: A prospective cohort study. Physiological Reports, 2020, 8, e14418.	0.7	8
13	Maternal-Fetal Inflammation in the Placenta and the Developmental Origins of Health and Disease. Frontiers in Immunology, 2020, 11, 531543.	2.2	128
14	Newborn micronutrient status biomarkers in a cluster-randomized trial of antenatal multiple micronutrient compared with iron folic acid supplementation in rural Bangladesh. American Journal of Clinical Nutrition, 2020, 112, 1328-1337.	2.2	11
15	AI-PLAX: AI-based placental assessment and examination using photos. Computerized Medical Imaging and Graphics, 2020, 84, 101744.	3.5	13
16	Food Insecurity and Micronutrient Status among Ghanaian Women Planning to Become Pregnant. Nutrients, 2020, 12, 470.	1.7	14
17	A methodology for examining the association between plasma volume and micronutrient biomarker mass and concentration in healthy eumenorrheic women. PeerJ, 2020, 8, e10535.	0.9	1
18	Protocol for meta-research on the evidence informing micronutrient dietary reference intakes for pregnant and lactating women. Gates Open Research, 2020, 4, 171.	2.0	1

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19	An efficient method for measuring plasma volume using indocyanine green dye. <i>MethodsX</i> , 2019, 6, 1072-1083.	0.7	8
20	Determinants of Vitamin D Status of Women of Reproductive Age in Dhaka, Bangladesh: Insights from Husbandâ€“Wife Comparisons. <i>Current Developments in Nutrition</i> , 2019, 3, nzz112.	0.1	1
21	Research Recommendations From the National Institutes of Health Workshop on Predicting, Preventing, and Treating Preeclampsia. <i>Hypertension</i> , 2019, 73, 757-766.	1.3	38
22	Vitamin D metabolites across the menstrual cycle: a systematic review. <i>BMC Women's Health</i> , 2019, 19, 19.	0.8	8
23	Review of the evidence regarding the use of antenatal multiple micronutrient supplementation in lowâ€“ and middleâ€“income countries. <i>Annals of the New York Academy of Sciences</i> , 2019, 1444, 6-21.	1.8	55
24	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
25	The upper level: examining the risk of excess micronutrient intake in pregnancy from antenatal supplements. <i>Annals of the New York Academy of Sciences</i> , 2019, 1444, 22-34.	1.8	16
26	Uncontrolled Eating during Pregnancy Predicts Fetal Growth: The Healthy Mom Zone Trial. <i>Nutrients</i> , 2019, 11, 899.	1.7	8
27	Dietary patterns before and during pregnancy and birth outcomes: a systematic review. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 729S-756S.	2.2	82
28	Dietary patterns before and during pregnancy and maternal outcomes: a systematic review. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 705S-728S.	2.2	77
29	Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth. <i>Obstetrical and Gynecological Survey</i> , 2019, 74, 1-2.	0.2	1
30	Plasma volume expansion across healthy pregnancy: a systematic review and meta-analysis of longitudinal studies. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 508.	0.9	63
31	Prenatal vitamin D and cord blood insulin-like growth factors in Dhaka, Bangladesh. <i>Endocrine Connections</i> , 2019, 8, 745-753.	0.8	2
32	Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth. <i>New England Journal of Medicine</i> , 2018, 379, 1880-1881.	13.9	21
33	A dynamical systems model of intrauterine fetal growth. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2018, 24, 661-687.	1.4	1
34	Race and risk of maternal vascular malperfusion lesions in the placenta. <i>Placenta</i> , 2018, 69, 102-108.	0.7	20
35	Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth. <i>New England Journal of Medicine</i> , 2018, 379, 535-546.	13.9	159
36	Vitamin D, preâ€“eclampsia, and preterm birth among pregnancies at high risk for preâ€“eclampsia: an analysis of data from a lowâ€“dose aspirin trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 1874-1882.	1.1	25

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37	Micronutrient deficiencies in pregnancy worldwide: health effects and prevention. <i>Nature Reviews Endocrinology</i> , 2016, 12, 274-289.	4.3	413
38	A home calendar and recall method of last menstrual period for estimating gestational age in rural Bangladesh: a validation study. <i>Journal of Health, Population and Nutrition</i> , 2016, 35, 34.	0.7	27
39	Maternal vitamin D supplementation during pregnancy and lactation to promote infant growth in Dhaka, Bangladesh (MDIG trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 300.	0.7	39
40	Maternal vitamin D status and infant anthropometry in a US multi-centre cohort study. <i>Annals of Human Biology</i> , 2015, 42, 217-224.	0.4	48
41	Prepregnancy maternal vitamin d deficiency and placental development in mice. <i>Placenta</i> , 2015, 36, A8.	0.7	0
42	Maternal vitamin D status, prolonged labor, cesarean delivery and instrumental delivery in an era with a low cesarean rate. <i>Journal of Perinatology</i> , 2015, 35, 23-28.	0.9	25
43	Availability and Intake of Foods with Naturally Occurring or Added Vitamin D in a Setting of High Vitamin D Deficiency. <i>FASEB Journal</i> , 2015, 29, 391.3.	0.2	2
44	Effects of Prenatal Multiple Micronutrient Supplementation on Fetal Growth Factors: A Cluster-Randomized, Controlled Trial in Rural Bangladesh. <i>PLoS ONE</i> , 2015, 10, e0137269.	1.1	11
45	Prepregnancy Vitamin D Deficiency and Placental Development in Mice. <i>FASEB Journal</i> , 2015, 29, LB259.	0.2	0
46	Aflatoxin exposure during the first 1000 days of life in rural South Asia assessed by aflatoxin B1-lysine albumin biomarkers. <i>Food and Chemical Toxicology</i> , 2014, 74, 184-189.	1.8	97
47	Validity of Birth Certificateâ€Derived Maternal Weight Data. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 203-212.	0.8	86
48	Maternal Vitamin D Status and Small-for-Gestational-Age Offspring in Women at High Risk for Preeclampsia. <i>Obstetrics and Gynecology</i> , 2014, 123, 40-48.	1.2	73
49	Maternal Vitamin D Status and Spontaneous Preterm Birth by Placental Histology in the US Collaborative Perinatal Project. <i>American Journal of Epidemiology</i> , 2014, 179, 168-176.	1.6	73
50	The effect of prenatal multiple micronutrient supplementation on biomarkers of placental angiogenesis in rural Bangladesh (804.2). <i>FASEB Journal</i> , 2014, 28, 804.2.	0.2	0
51	Maternal Serum 25-Hydroxyvitamin D and Measures of Newborn and Placental Weight in a U.S. Multicenter Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 398-404.	1.8	121
52	Maternal serum 25-hydroxyvitamin D and placental vascular pathology in a multicenter US cohort. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 383-388.	2.2	46
53	Maternal Weight and Body Composition during Pregnancy Are Associated with Placental and Birth Weight in Rural Bangladesh,. <i>Journal of Nutrition</i> , 2012, 142, 2010-2016.	1.3	33
54	Maternal Nutritional Status in Early Pregnancy Is Associated with Body Water and Plasma Volume Changes in a Pregnancy Cohort in Rural Bangladesh,. <i>Journal of Nutrition</i> , 2012, 142, 1109-1115.	1.3	19

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55	Nutrition Knowledge Predicts Eating Behavior of All Food Groups Except Fruits and Vegetables among Adults in the Paso del Norte Region: QuÃ© Sabrosa Vida. Journal of Nutrition Education and Behavior, 2008, 40, 361-368.	0.3	59