Neil J Perkins

List of Publications by Year
in descending order

125 papers	7,177 citations	76326 40 h-index	60623 81 g-index
126 all docs	126 docs citations	126 times ranked	12363 citing authors

#	Article	IF	Citations
1	The Safety of Low-Dose Aspirin on the Mode of Delivery: Secondary Analysis of the Effect of Aspirin in Gestation and Reproduction Randomized Controlled Trial. American Journal of Perinatology, 2022, 39, 658-665.	1.4	0
2	Preconception caffeine metabolites, caffeinated beverage intake, and fecundability. American Journal of Clinical Nutrition, 2022, 115, 1227-1236.	4.7	2
3	Preconception hemoglobin A1c in healthy women is not associated with fecundability or pregnancy loss. F&S Reports, 2022, 3, 39-46.	0.7	0
4	A multistate competing risks framework for preconception prediction of pregnancy outcomes. BMC Medical Research Methodology, 2022, 22, .	3.1	0
5	Sporadic anovulation is not an important determinant of becoming pregnant and time to pregnancy among eumenorrheic women: A simulation study. Paediatric and Perinatal Epidemiology, 2021, 35, 143-152.	1.7	4
6	Adiposity is associated with anovulation independent of serum free testosterone: A prospective cohort study. Paediatric and Perinatal Epidemiology, 2021, 35, 174-183.	1.7	3
7	Gamma models for estimating the odds ratio for a skewed biomarker measured in pools and subject to errors. Biostatistics, 2021, 22, 250-265.	1.5	3
8	Serum antioxidant vitamin concentrations and oxidative stress markers associated with symptoms and severity of premenstrual syndrome: a prospective cohort study. BMC Women's Health, 2021, 21, 49.	2.0	11
9	Low Intake of Vegetable Protein is Associated With Altered Ovulatory Function Among Healthy Women of Reproductive Age. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2600-e2612.	3.6	1
10	The Effect of Preconception-Initiated Low-Dose Aspirin on Human Chorionic Gonadotropinâ€"Detected Pregnancy, Pregnancy Loss, and Live Birth. Annals of Internal Medicine, 2021, 174, 595-601.	3.9	18
11	The role of maternal preconception vitamin D status in human offspring sex ratio. Nature Communications, 2021, 12, 2789.	12.8	8
12	Circulating Vascular Endothelial Growth Factor and Soluble fms-Like Tyrosine Kinase-1 as Biomarkers for Endometrial Remodeling Across the Menstrual Cycle. Obstetrics and Gynecology, 2021, 137, 82-90.	2.4	3
13	A Randomized Trial to Evaluate the Effects of Folic Acid and Zinc Supplementation on Male Fertility and Livebirth: Design and Baseline Characteristics. American Journal of Epidemiology, 2020, 189, 8-26.	3.4	6
14	Effect of Folic Acid and Zinc Supplementation in Men on Semen Quality and Live Birth Among Couples Undergoing Infertility Treatment. JAMA - Journal of the American Medical Association, 2020, 323, 35.	7.4	103
15	Vital Status Ascertainment for a Historic Diverse Cohort of U.S. Women. Epidemiology, 2020, 31, 310-316.	2.7	10
16	Is Opioid Use Safe in Women Trying to Conceive?. Epidemiology, 2020, 31, 844-851.	2.7	6
17	Urinary selective serotonin reuptake inhibitors across critical windows of pregnancy establishment: a prospective cohort study of fecundability and pregnancy loss. Fertility and Sterility, 2020, 114, 1278-1287.	1.0	6
18	Low-dose aspirin in reproductive health: effects on menstrual cycle characteristics. Fertility and Sterility, 2020, 114, 1263-1270.	1.0	3

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19	Preconception Blood Pressure and Its Change Into Early Pregnancy. Hypertension, 2020, 76, 922-929.	2.7	34
20	Family history of autoimmune disease in relation to time-to-pregnancy, pregnancy loss, and live birth rate. Journal of Translational Autoimmunity, 2020, 3, 100059.	4.0	3
21	Health and wellbeing boards as theatres of accountability: a dramaturgical analysis. Local Government Studies, 2020, , 1-20.	2.2	2
22	Platelet activation and placenta-mediated adverse pregnancy outcomes: an ancillary study to the Effects of Aspirin in Gestation and Reproduction trial. American Journal of Obstetrics and Gynecology, 2020, 223, 741.e1-741.e12.	1.3	13
23	Physical activity and incidence of subclinical and clinical pregnancy loss: a secondary analysis in the effects of aspirin in gestation and reproduction randomized trial. Fertility and Sterility, 2020, 113, 601-608.e1.	1.0	3
24	A method to visualize a complete sensitivity analysis for loss to follow-up in clinical trials. Contemporary Clinical Trials Communications, 2020, 19, 100586.	1.1	1
25	Prediction of pregnancy loss by early first trimester ultrasound characteristics. American Journal of Obstetrics and Gynecology, 2020, 223, 242.e1-242.e22.	1.3	13
26	Vaginal bleeding and nausea in early pregnancy as predictors of clinical pregnancy loss. American Journal of Obstetrics and Gynecology, 2020, 223, 570.e1-570.e14.	1.3	7
27	Maternal preconception lipid profile and gestational lipid changes in relation to birthweight outcomes. Scientific Reports, 2020, 10, 1374.	3.3	17
28	Recalled maternal lifestyle behaviors associated with anti-mÃ¼llerian hormone of adult female offspring. Reproductive Toxicology, 2020, 98, 75-81.	2.9	3
29	Pilot randomized trial of short-term changes in inflammation and lipid levels during and after aspirin and pravastatin therapy. Reproductive Health, 2019, 16, 132.	3.1	6
30	A Model-Based Approach to Detection Limits in Studying Environmental Exposures and Human Fecundity. Statistics in Biosciences, 2019, 11, 524-547.	1.2	1
31	Effect of preconception low dose aspirin on pregnancy and live birth according to socioeconomic status: A secondary analysis of a randomized clinical trial. PLoS ONE, 2019, 14, e0200533.	2.5	2
32	Exposure to Persistent Organic Pollutants and Birth Characteristics. Epidemiology, 2019, 30, S94-S100.	2.7	15
33	Advancing the Health of Populations Across the Life Course. Epidemiology, 2019, 30, S47-S54.	2.7	1
34	Combining Biomarker Calibration Data to Reduce Measurement Error. Epidemiology, 2019, 30, S3-S9.	2.7	3
35	Preconception Perceived Stress Is Associated with Reproductive Hormone Levels and Longer Time to Pregnancy. Epidemiology, 2019, 30, S76-S84.	2.7	15
36	Associations Between Preconception Plasma Fatty Acids and Pregnancy Outcomes. Epidemiology, 2019, 30, S37-S46.	2.7	12

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37	Metabolic Syndrome and the Effectiveness of Low-dose Aspirin on Reproductive Outcomes. Epidemiology, 2019, 30, 573-581.	2.7	4
38	Association of testosterone and antimÃ¼llerian hormone with time to pregnancy and pregnancy loss in fecund women attempting pregnancy. Fertility and Sterility, 2018, 109, 540-548.e1.	1.0	9
39	A prospective study of physical activity and fecundability in women with a history of pregnancy loss. Human Reproduction, 2018, 33, 1291-1298.	0.9	17
40	Vitamin D is associated with bioavailability of androgens in eumenorrheic women with prior pregnancy loss. American Journal of Obstetrics and Gynecology, 2018, 218, 608.e1-608.e6.	1.3	3
41	Principled Approaches to Missing Data in Epidemiologic Studies. American Journal of Epidemiology, 2018, 187, 568-575.	3.4	169
42	Multiple Imputation for Incomplete Data in Epidemiologic Studies. American Journal of Epidemiology, 2018, 187, 576-584.	3.4	143
43	Inverse-Probability-Weighted Estimation for Monotone and Nonmonotone Missing Data. American Journal of Epidemiology, 2018, 187, 585-591.	3.4	30
44	C-Reactive protein in relation to fecundability and anovulation among eumenorrheic women. Fertility and Sterility, 2018, 109, 232-239.e1.	1.0	15
45	Preconception Blood Pressure Levels and Reproductive Outcomes in a Prospective Cohort of Women Attempting Pregnancy. Hypertension, 2018, 71, 904-910.	2.7	32
46	Prevalence and Contributors to Lowâ€grade Inflammation in Three U.S. Populations of Reproductive Age Women. Paediatric and Perinatal Epidemiology, 2018, 32, 55-67.	1.7	10
47	Preconception plasma phospholipid fatty acids and fecundability. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4501-4510.	3.6	9
48	Shorter Time to Pregnancy With Increasing Preconception Carotene Concentrations Among Women With 1â€“2 Previous Pregnancy Losses. American Journal of Epidemiology, 2018, 187, 1907-1915.	3.4	1
49	Association of preconception serum 25-hydroxyvitamin D concentrations with livebirth and pregnancy loss: a prospective cohort study. Lancet Diabetes and Endocrinology,the, 2018, 6, 725-732.	11.4	65
50	Logistic regression with a continuous exposure measured in pools and subject to errors. Statistics in Medicine, 2018, 37, 4007-4021.	1.6	5
51	Exposure to bisphenol A, chlorophenols, benzophenones, and parabens in relation to reproductive hormones in healthy women: A chemical mixture approach. Environment International, 2018, 120, 137-144.	10.0	65
52	Collinearity and Causal Diagrams. Epidemiology, 2017, 28, 47-53.	2.7	61
53	Preconception maternal lipoprotein levels in relation to fecundability. Human Reproduction, 2017, 32, 1055-1063.	0.9	30
54	Thyroid-stimulating hormone, antiâ€thyroid antibodies, and pregnancy outcomes. American Journal of Obstetrics and Gynecology, 2017, 217, 697.e1-697.e7.	1.3	30

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55	Low-Dose Aspirin and Sporadic Anovulation in the EAGeR Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 86-92.	3.6	11
56	Preconception Low-Dose Aspirin Restores Diminished Pregnancy and Live Birth Rates in Women With Low-Grade Inflammation: A Secondary Analysis of a Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1495-1504.	3.6	40
57	Blood lead, cadmium and mercury in relation to homocysteine and C-reactive protein in women of reproductive age: a panel study. Environmental Health, 2017, 16, 84.	4.0	19
58	Patterns and prevalence of medication use across the menstrual cycle among healthy, reproductive aged women. Pharmacoepidemiology and Drug Safety, 2016, 25, 618-627.	1.9	1
59	Caseâ€control data analysis for randomly pooled biomarkers. Biometrical Journal, 2016, 58, 1007-1020.	1.0	3
60	Serum caffeine and paraxanthine concentrations and menstrual cycle function: correlations with beverage intakes and associations with race, reproductive hormones, and anovulation in the BioCycle Study. American Journal of Clinical Nutrition, 2016, 104, 155-163.	4.7	14
61	Subclinical Hypothyroidism and Thyroid Autoimmunity Are Not Associated With Fecundity, Pregnancy Loss, or Live Birth. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2358-2365.	3.6	102
62	Association of Nausea and Vomiting During Pregnancy With Pregnancy Loss. JAMA Internal Medicine, 2016, 176, 1621.	5.1	49
63	Variability and exposure classification of urinary phenol and paraben metabolite concentrations in reproductive-aged women. Environmental Research, 2016, 151, 513-520.	7.5	44
64	TWO AUTHORS REPLY. American Journal of Epidemiology, 2016, 184, 554-554.	3.4	0
65	Complications and Safety of Preconception Low-Dose Aspirin Among Women With Prior Pregnancy Losses. Obstetrics and Gynecology, 2016, 127, 689-698.	2.4	43
66	Serum Antioxidants Are Associated with Serum Reproductive Hormones and Ovulation among Healthy Women. Journal of Nutrition, 2016, 146, 98-106.	2.9	45
67	Dietary fat intake and reproductive hormone concentrations and ovulation in regularly menstruating women. American Journal of Clinical Nutrition, 2016, 103, 868-877.	4.7	65
68	Expanded findings from a randomized controlled trial of preconception low-dose aspirin and pregnancy loss. Human Reproduction, 2016, 31, 657-665.	0.9	49
69	Changes in macronutrient, micronutrient, and food group intakes throughout the menstrual cycle in healthy, premenopausal women. European Journal of Nutrition, 2016, 55, 1181-1188.	3.9	67
70	The relationship between sugar-sweetened beverages and liver enzymes among healthy premenopausal women: a prospective cohort study. European Journal of Nutrition, 2016, 55, 569-576.	3.9	13
71	Recruitment for Longitudinal, Randomised Pregnancy Trials Initiated Preconception: Lessons from the <scp>E</scp>ffects of <scp>A</scp>spirin in <scp>G</scp>estation and <scp>R</scp>eproduction <scp>T</scp>rial. Paediatric and Perinatal Epidemiology, 2015, 29, 162-167.	1.7	6
72	Kidney Biomarkers Associated with Blood Lead, Mercury, and Cadmium in Premenopausal Women: A Prospective Cohort Study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 119-131.	2.3	61

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73	Dietary factors and luteal phase deficiency in healthy eumenorrheic women. Human Reproduction, 2015, 30, 1942-1951.	0.9	23
74	The effect of a very short interpregnancy interval and pregnancy outcomes following a previous pregnancy loss. American Journal of Obstetrics and Gynecology, 2015, 212, 375.e1-375.e11.	1.3	80
75	Preconception Low Dose Aspirin and Time to Pregnancy: Findings From the Effects of Aspirin in Gestation and Reproduction Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1785-1791.	3.6	26
76	Low-Dose Aspirin and Preterm Birth. Obstetrics and Gynecology, 2015, 125, 876-884.	2.4	36
77	Perceived Stress, Reproductive Hormones, and Ovulatory Function. Epidemiology, 2015, 26, 177-184.	2.7	80
78	Alcohol intake, reproductive hormones, and menstrual cycle function: a prospective cohort study. American Journal of Clinical Nutrition, 2015, 102, 933-942.	4.7	31
79	Sex ratio following preconception low-dose aspirin in women with prior pregnancy loss. Journal of Clinical Investigation, 2015, 125, 3619-3626.	8.2	18
80	Increased Androgen, Anti-MÃ¼llerian Hormone, and Sporadic Anovulation in Healthy, Eumenorrheic Women: A Mild PCOS-Like Phenotype?. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2208-2216.	3.6	29
81	Regression for skewed biomarker outcomes subject to pooling. Biometrics, 2014, 70, 202-211.	1.4	22
82	Preconception low-dose aspirin and pregnancy outcomes: results from the EAGeR randomised trial. Lancet, The, 2014, 384, 29-36.	13.7	172
83	Serum leptin levels and reproductive function during the menstrual cycle. American Journal of Obstetrics and Gynecology, 2014, 210, 248.e1-248.e9.	1.3	33
84	Urinary cytokine and chemokine profiles across the menstrual cycle inÂhealthy reproductive-aged women. Fertility and Sterility, 2014, 101, 1383-1391.e2.	1.0	35
85	Depressive symptoms and their relationship with endogenous reproductive hormones and sporadic anovulation in premenopausal women. Annals of Epidemiology, 2014, 24, 920-924.	1.9	9
86	Sexual activity, endogenous reproductive hormones and ovulation in premenopausal women. Hormones and Behavior, 2014, 66, 330-338.	2.1	29
87	Luteal Phase Deficiency in Regularly Menstruating Women: Prevalence and Overlap in Identification Based on Clinical and Biochemical Diagnostic Criteria. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1007-E1014.	3.6	57
88	The effect of physical activity across the menstrual cycle on reproductive function. Annals of Epidemiology, 2014, 24, 127-134.	1.9	29
89	Evaluation of observation-fused regional air quality model results for population air pollution exposure estimation. Science of the Total Environment, 2014, 485-486, 563-574.	8.0	61
90	A highly efficient design strategy for regression with outcome pooling. Statistics in Medicine, 2014, 33, 5028-5040.	1.6	13

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91	A Randomised Trial to Evaluate the Effects of Lowâ€dose Aspirin in Gestation and Reproduction: Design and Baseline Characteristics. Paediatric and Perinatal Epidemiology, 2013, 27, 598-609.	1.7	94
92	Multivariate Normally Distributed Biomarkers Subject to Limits of Detection and Receiver Operating Characteristic Curve Inference. Academic Radiology, 2013, 20, 838-846.	2.5	10
93	Usual dietary isoflavone intake and reproductive function across the menstrual cycle. Fertility and Sterility, 2013, 100, 1727-1734.	1.0	9
94	Self-Report of Fruit and Vegetable Intake that Meets the 5 A Day Recommendation Is Associated with Reduced Levels of Oxidative Stress Biomarkers and Increased Levels of Antioxidant Defense in Premenopausal Women. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 776-785.	0.8	42
95	Serum uric acid in relation to endogenous reproductive hormones during the menstrual cycle: findings from the BioCycle study. Human Reproduction, 2013, 28, 1853-1862.	0.9	92
96	Habitual Dietary Isoflavone Intake Is Associated with Decreased C-Reactive Protein Concentrations among Healthy Premenopausal Women. Journal of Nutrition, 2013, 143, 900-906.	2.9	19
97	Validation of Different Instruments for Caffeine Measurement Among Premenopausal Women in the BioCycle Study. American Journal of Epidemiology, 2013, 177, 690-699.	3.4	28
98	Energy-containing beverages: reproductive hormones and ovarian function in the BioCycle Study. American Journal of Clinical Nutrition, 2013, 97, 621-630.	4.7	15
99	Relation of Blood Cadmium, Lead, and Mercury Levels to Biomarkers of Lipid Peroxidation in Premenopausal Women. American Journal of Epidemiology, 2012, 175, 645-652.	3.4	17
100	The Utility of Menstrual Cycle Length as an Indicator of Cumulative Hormonal Exposure. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1871-E1879.	3.6	73
101	Menstrual Bleeding Patterns Among Regularly Menstruating Women. American Journal of Epidemiology, 2012, 175, 536-545.	3.4	71
102	Endogenous Reproductive Hormones and C-reactive Protein Across the Menstrual Cycle: The BioCycle Study. American Journal of Epidemiology, 2012, 175, 423-431.	3.4	127
103	The Impact of Dietary Folate Intake on Reproductive Function in Premenopausal Women: A Prospective Cohort Study. PLoS ONE, 2012, 7, e46276.	2.5	45
104	Assessment of skewed exposure in caseâ€control studies with pooling. Statistics in Medicine, 2012, 31, 2461-2472.	1.6	14
105	A combined efficient design for biomarker data subject to a limit of detection due to measuring instrument sensitivity. Annals of Applied Statistics, 2011, 5, .	1.1	12
106	Realignment and multiple imputation of longitudinal data: an application to menstrual cycle data. Paediatric and Perinatal Epidemiology, 2011, 25, 448-459.	1.7	28
107	ROC curve inference for best linear combination of two biomarkers subject to limits of detection. Biometrical Journal, 2011, 53, 464-476.	1.0	15
108	Use of Multiple Assays Subject to Detection Limits With Regression Modeling in Assessing the Relationship Between Exposure and Outcome. Epidemiology, 2010, 21, S35-S43.	2.7	6

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109	Treatment of Batch in the Detection, Calibration, and Quantification of Immunoassays in Large-scale Epidemiologic Studies. Epidemiology, 2010, 21, S44-S50.	2.7	30
110	Hybrid pooledâ€“unpooled design for costâ€efficient measurement of biomarkers. Statistics in Medicine, 2010, 29, 597-613.	1.6	28
111	Ovarian function and cigarette smoking. Paediatric and Perinatal Epidemiology, 2010, 24, 433-440.	1.7	28
112	Whole Grains Are Associated with Serum Concentrations of High Sensitivity C-Reactive Protein among Premenopausal Women. Journal of Nutrition, 2010, 140, 1669-1676.	2.9	51
113	Adherence to a Mediterranean diet and plasma concentrations of lipid peroxidation in premenopausal women. American Journal of Clinical Nutrition, 2010, 92, 1461-1467.	4.7	50
114	Influence of Endogenous Reproductive Hormones on F2-Isoprostane Levels in Premenopausal Women: The BioCycle Study. American Journal of Epidemiology, 2010, 172, 430-439.	3.4	51
115	A Longitudinal Study of Serum Lipoproteins in Relation to Endogenous Reproductive Hormones during the Menstrual Cycle: Findings from the BioCycle Study. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E80-E85.	3.6	56
116	Effectiveness of motor learning coaching in children with cerebral palsy: a randomized controlled trial. Clinical Rehabilitation, 2010, 24, 1009-1020.	2.2	47
117	Generalized ROC curve inference for a biomarker subject to a limit of detection and measurement error. Statistics in Medicine, 2009, 28, 1841-1860.	1.6	16
118	Quantification of colliderâ€stratification bias and the birthweight paradox. Paediatric and Perinatal Epidemiology, 2009, 23, 394-402.	1.7	103
119	Effect of daily fiber intake on reproductive function: the BioCycle Study. American Journal of Clinical Nutrition, 2009, 90, 1061-1069.	4.7	116
120	Youden Index and Optimal Cutâ€Point Estimated from Observations Affected by a Lower Limit of Detection. Biometrical Journal, 2008, 50, 419-430.	1.0	816
121	Confidence Intervals for the Youden Index and Corresponding Optimal Cut-Point. Communications in Statistics Part B: Simulation and Computation, 2007, 36, 549-563.	1.2	83
122	The Inconsistency of â€œOptimalâ€•Cutpoints Obtained using Two Criteria based on the Receiver Operating Characteristic Curve. American Journal of Epidemiology, 2006, 163, 670-675.	3.4	1,354
123	Receiver Operating Characteristic Curve Inference from a Sample with a Limit of Detection. American Journal of Epidemiology, 2006, 165, 325-333.	3.4	46
124	Optimal Cut-point and Its Corresponding Youden Index to Discriminate Individuals Using Pooled Blood Samples. Epidemiology, 2005, 16, 73-81.	2.7	938
125	The Youden Index and the Optimal Cut-Point Corrected for Measurement Error. Biometrical Journal, 2005, 47, 428-441.	1.0	196