

JÃ©rÃ©mie Botton

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,121
citations

172457

29
h-index

175258

52
g-index

87
all docs

87
docs citations

87
times ranked

5253
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohort Profile: The EDEN mother-child cohort on the prenatal and early postnatal determinants of child health and development. <i>International Journal of Epidemiology</i> , 2016, 45, 353-363.	1.9	214
2	Bisphenol A and the risk of cardiometabolic disorders: a systematic review with meta-analysis of the epidemiological evidence. <i>Environmental Health</i> , 2015, 14, 46.	4.0	206
3	Prenatal Exposure to Phenols and Growth in Boys. <i>Epidemiology</i> , 2014, 25, 625-635.	2.7	162
4	Postnatal weight and height growth velocities at different ages between birth and 5 y and body composition in adolescent boys and girls. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1760-1768.	4.7	140
5	Chronic diseases, health conditions and risk of COVID-19-related hospitalization and in-hospital mortality during the first wave of the epidemic in France: a cohort study of 66 million people. <i>Lancet Regional Health - Europe</i> , The, 2021, 8, 100158.	5.6	137
6	Prenatal Exposure to Nonpersistent Endocrine Disruptors and Behavior in Boys at 3 and 5 Years. <i>Environmental Health Perspectives</i> , 2017, 125, 097014.	6.0	115
7	Prenatal and Postnatal Exposure to Persistent Organic Pollutants and Infant Growth: A Pooled Analysis of Seven European Birth Cohorts. <i>Environmental Health Perspectives</i> , 2015, 123, 730-736.	6.0	109
8	Cardiovascular risk factor levels and their relationships with overweight and fat distribution in children: The Fleurbaix Laventie Ville SantÃ© II study. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 614-622.	3.4	104
9	Persistent organic pollutants and diabetes: A review of the epidemiological evidence. <i>Diabetes and Metabolism</i> , 2014, 40, 1-14.	2.9	97
10	Antihypertensive Drugs and COVID-19 Risk. <i>Hypertension</i> , 2021, 77, 833-842.	2.7	94
11	Exposure to Bisphenol A and Bisphenol S and Incident Type 2 Diabetes: A Caseâ€“Cohort Study in the French Cohort D.E.S.I.R.. <i>Environmental Health Perspectives</i> , 2019, 127, 107013.	6.0	92
12	Prenatal Exposure to Select Phthalates and Phenols and Associations with Fetal and Placental Weight among Male Births in the EDEN Cohort (France). <i>Environmental Health Perspectives</i> , 2019, 127, 17002.	6.0	77
13	Phthalate pregnancy exposure and male offspring growth from the intra-uterine period to five years of age. <i>Environmental Research</i> , 2016, 151, 601-609.	7.5	76
14	Determinants of early ponderal and statural growth in full-term infants in the EDEN mother-child cohort study. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 594-602.	4.7	63
15	Age and sex-specific risks of myocarditis and pericarditis following Covid-19 messenger RNA vaccines. <i>Nature Communications</i> , 2022, 13, .	12.8	60
16	Associations between persistent organic pollutants and risk of breast cancer metastasis. <i>Environment International</i> , 2019, 132, 105028.	10.0	58
17	Should the WHO Growth Charts Be Used in France?. <i>PLoS ONE</i> , 2015, 10, e0120806.	2.5	56
18	Exposure to heavy metals during pregnancy related to gestational diabetes mellitus in diabetes-free mothers. <i>Science of the Total Environment</i> , 2019, 656, 870-876.	8.0	55

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19	Higher Cord C-Peptide Concentrations Are Associated With Slower Growth Rate in the 1st Year of Life in Girls but Not in Boys. <i>Diabetes</i> , 2011, 60, 2152-2159.	0.6	42
20	Early postnatal growth and neurodevelopment in children born moderately preterm or small for gestational age at term: A systematic review. <i>Paediatric and Perinatal Epidemiology</i> , 2018, 32, 268-280.	1.7	42
21	Gender-specific factors associated with shorter sleep duration at age 3 years. <i>Journal of Sleep Research</i> , 2015, 24, 610-620.	3.2	40
22	Dietary acrylamide intake during pregnancy and anthropometry at birth in the French EDEN mother-child cohort study. <i>Environmental Research</i> , 2016, 149, 189-196.	7.5	40
23	Maternal caffeine intake during pregnancy and childhood growth and overweight: results from a large Norwegian prospective observational cohort study. <i>BMJ Open</i> , 2018, 8, e018895.	1.9	40
24	Reactivity of Chemical Sensitizers Toward Amino Acids In Cellulo Plays a Role in the Activation of the Nrf2-ARE Pathway in Human Monocyte Dendritic Cells and the THP-1 Cell Line. <i>Toxicological Sciences</i> , 2013, 133, 259-274.	3.1	39
25	Night sleep duration trajectories and associated factors among preschool children from the EDEN cohort. <i>Sleep Medicine</i> , 2018, 48, 194-201.	1.6	39
26	Standardization and validation of a protocol of zeta potential measurements by electrophoretic light scattering for nanomaterial characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 486, 218-231.	4.7	38
27	Growth pattern from birth to adulthood in African pygmies of known age. <i>Nature Communications</i> , 2015, 6, 7672.	12.8	37
28	Environmental exposure assessment in European birth cohorts: results from the ENRIECO project. <i>Environmental Health</i> , 2013, 12, 8.	4.0	35
29	A modified self-controlled case series method for event-dependent exposures and high event-related mortality, with application to COVID-19 vaccine safety. <i>Statistics in Medicine</i> , 2022, 41, 1735-1750.	1.6	35
30	A big-data approach to producing descriptive anthropometric references: a feasibility and validation study of paediatric growth charts. <i>The Lancet Digital Health</i> , 2019, 1, e413-e423.	12.3	33
31	Multidimensionality of the relationship between social status and dietary patterns in early childhood: longitudinal results from the French EDEN mother-child cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 122.	4.6	32
32	Parental body size and early weight and height growth velocities in their offspring. <i>Early Human Development</i> , 2010, 86, 445-450.	1.8	30
33	Postnatal Weight and Height Growth Modeling and Prediction of Body Mass Index as a Function of Time for the Study of Growth Determinants. <i>Annals of Nutrition and Metabolism</i> , 2014, 65, 156-166.	1.9	30
34	Standardization and validation of a protocol of size measurements by dynamic light scattering for monodispersed stable nanomaterial characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 486, 124-138.	4.7	28
35	Dietary acrylamide intake during pregnancy and postnatal growth and obesity: Results from the Norwegian Mother and Child Cohort Study (MoBa). <i>Environment International</i> , 2018, 113, 325-334.	10.0	28
36	To which mixtures are French pregnant women mainly exposed? A combination of the second French total diet study with the EDEN and ELFE cohort studies. <i>Food and Chemical Toxicology</i> , 2018, 111, 310-328.	3.6	28

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37	Socioeconomic inequalities in weight, height and body mass index from birth to 5 years. <i>International Journal of Obesity</i> , 2018, 42, 1671-1679.	3.4	28
38	Maternal plasma phosphatidylcholine polyunsaturated fatty acids during pregnancy and offspring growth and adiposity. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 121, 21-29.	2.2	22
39	Prospective associations between energy balance-related behaviors at 2 years of age and subsequent adiposity: the EDEN mother-child cohort. <i>International Journal of Obesity</i> , 2017, 41, 38-45.	3.4	22
40	Prenatal exposure to glycol ethers and cryptorchidism and hypospadias: a nested case-control study. <i>Occupational and Environmental Medicine</i> , 2018, 75, 59-65.	2.8	22
41	Are selection criteria for healthy pregnancies responsible for the gap between fetal growth in the French national Elfe birth cohort and the Intergrowth-21st fetal growth standards?. <i>Paediatric and Perinatal Epidemiology</i> , 2019, 33, 47-56.	1.7	21
42	Reduced risk of severe COVID-19 in more than 1.4 million elderly people aged 75 years and older vaccinated with mRNA-based vaccines. <i>Vaccine</i> , 2022, 40, 414-417.	3.8	21
43	First characterization of the endocrine-disrupting potential of indoor gaseous and particulate contamination: comparison with urban outdoor air (France). <i>Environmental Science and Pollution Research</i> , 2017, 24, 3142-3152.	5.3	20
44	Maternal nutritional determinants of colostrum fatty acids in the EDEN mother-child cohort. <i>Clinical Nutrition</i> , 2018, 37, 2127-2136.	5.0	20
45	Effectiveness of Ad26.COV2.S Vaccine vs BNT162b2 Vaccine for COVID-19 Hospitalizations. <i>JAMA Network Open</i> , 2022, 5, e220868.	5.9	20
46	Exposure to persistent organic pollutants and the risk of type 2 diabetes: a case-cohort study. <i>Diabetes and Metabolism</i> , 2021, 47, 101234.	2.9	19
47	Determinants of neonatal weight loss in term-infants: specific association with pre-pregnancy maternal body mass index and infant feeding mode. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F217-F222.	2.8	18
48	Testing for hereditary spherocytosis: a French experience. <i>Haematologica</i> , 2012, 97, e48-e49.	3.5	17
49	Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels. <i>Toxicology and Applied Pharmacology</i> , 2017, 322, 41-50.	2.8	17
50	Human health risks related to the consumption of foodstuffs of animal origin contaminated by bisphenol A. <i>Food and Chemical Toxicology</i> , 2017, 110, 333-339.	3.6	17
51	Evaluation of zeta potential of nanomaterials by electrophoretic light scattering: Fast field reversal versus Slow field reversal modes. <i>Talanta</i> , 2019, 205, 120062.	5.5	17
52	Night-waking and behavior in preschoolers: a developmental trajectory approach. <i>Sleep Medicine</i> , 2018, 43, 90-95.	1.6	16
53	Specific role of maternal weight change in the first trimester of pregnancy on birth size. <i>Maternal and Child Nutrition</i> , 2014, 10, 315-326.	3.0	15
54	Rapid Early Growth May Modulate the Association Between Birth Weight and Blood Pressure at 5 Years in the EDEN Cohort Study. <i>Hypertension</i> , 2016, 68, 859-865.	2.7	15

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55	Size of monodispersed nanomaterials evaluated by dynamic light scattering: Protocol validated for measurements of 60 and 203 nm diameter nanomaterials is now extended to 100 and 400 nm. <i>International Journal of Pharmaceutics</i> , 2016, 515, 245-253.	5.2	15
56	Influence of infant feeding patterns over the first year of life on growth from birth to 5Âyears. <i>Pediatric Obesity</i> , 2017, 12, 94-101.	2.8	15
57	Determinants of infant formula use and relation with growth in the first 4 months. <i>Maternal and Child Nutrition</i> , 2014, 10, 267-279.	3.0	14
58	Association between genetic obesity susceptibility and motherâ€reported eating behaviour in children up to 5Âyears. <i>Pediatric Obesity</i> , 2019, 14, e12496.	2.8	13
59	Association of Statins for Primary Prevention of Cardiovascular Diseases With Hospitalization for COVIDâ€19: A Nationwide Matched Populationâ€Based Cohort Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	13
60	Comparative Study of Four Growth Models Applied to Weight and Height Growth Data in a Cohort of US Children from Birth to 9 Years. <i>Annals of Nutrition and Metabolism</i> , 2014, 65, 167-174.	1.9	12
61	Endocrine disrupting chemicals and growth of children. <i>Annales D'Endocrinologie</i> , 2017, 78, 108-111.	1.4	12
62	Environmental contaminants and childâ€™s growth. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 632-641.	1.4	12
63	A Novel Method to Describe Early Offspring Body Mass Index (BMI) Trajectories and to Study Its Determinants. <i>PLoS ONE</i> , 2016, 11, e0157766.	2.5	11
64	Hair concentration of trace elements and growth in homeless children aged < 6 years: Results from the ENFAMS study. <i>Environment International</i> , 2018, 114, 318-325.	10.0	11
65	Cord-blood vitamin D level and night sleep duration in preschoolers in the EDEN mother-child birth cohort. <i>Sleep Medicine</i> , 2019, 53, 70-74.	1.6	11
66	Relationship between gamma-glutamyltransferase andÂfat mass inÂaÂgeneral population ofÂaÂ“17 years old children. The FLVS II study. <i>Diabetes and Metabolism</i> , 2007, 33, 354-359.	2.9	10
67	Towards quality assessed characterization of nanomaterial: Transfer of validated protocols for size measurement by dynamic light scattering and evaluation of zeta potential by electrophoretic light scattering. <i>International Journal of Pharmaceutics</i> , 2017, 528, 299-311.	5.2	10
68	Which modifiable prenatal factors mediate the relation between socioâ€economic position and a child's weight and length at birth?. <i>Maternal and Child Nutrition</i> , 2019, 15, e12878.	3.0	10
69	Postpartum psychological distress associated with anal incontinence in the EDEN motherâ€child cohort. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 619-627.	2.3	8
70	Unbalance between plasma levels of Protein Z and protein Z-dependent inhibitor in patients with colorectal and pancreatic cancer: A pilot study. <i>Thrombosis Research</i> , 2014, 133, 299-300.	1.7	7
71	Postnatal weight growth and trihalomethane exposure during pregnancy. <i>Environmental Research</i> , 2015, 136, 280-288.	7.5	7
72	Comparison of growth models to describe growth from birth to 6 years in a Beninese cohort of children with repeated measurements. <i>BMJ Open</i> , 2020, 10, e035785.	1.9	6

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73	Maternal seafood intake during pregnancy, prenatal mercury exposure and child body mass index trajectories up to 8 years. <i>International Journal of Epidemiology</i> , 2021, 50, 1134-1146.	1.9	5
74	Joint Bayesian weight and height postnatal growth model to study the effects of maternal smoking during pregnancy. <i>Statistics in Medicine</i> , 2017, 36, 3990-4006.	1.6	4
75	Early postnatal growth and subsequent neurodevelopment in children delivered at term: The ELFE cohort study. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 748-757.	1.7	4
76	No association of low-dose aspirin with severe COVID-19 in France: A cohort of 31.1 million people without cardiovascular disease. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12743.	2.3	4
77	Toward a standardization of physico-chemical protocols for nanomedicine characterization: I. Size measurements. , 2015, , .		2
78	Toward a standardization of physico-chemical protocols for nanomedicine characterization: II. Zeta potential measurements. , 2015, , .		2
79	Toward a standardization of physico-chemical protocols for nanomedicine characterization: I. Size measurements. , 2015, , .		0
80	Toward a standardization of physico-chemical protocols for nanomedicine characterization: II. Zeta potential measurements. , 2015, , .		0
81	Prenatal exposure to per- and polyfluoroalkyl substances (PFASs) and child growth trajectories in the Norwegian Mother, Father and Child cohort study (MoBa).. <i>ISEE Conference Abstracts</i> , 2020, 2020, .	0.0	0