Isabelle Marc

List of Publications by Year
in descending order

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90 papers	2,913 citations	201674 27 h-index	175258 52 g-index
94 all docs	94 docs citations	94 times ranked	2901 citing authors

#	Article	IF	Citations
1	Large-for-Gestational-Age, Leptin, and Adiponectin in Infancy. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e688-e697.	3.6	4
2	Determinants of Healthy Diet Among Children Exposed and Unexposed to Gestational Diabetes. Journal of Nutrition Education and Behavior, 2022, , .	0.7	0
3	Effect of Maternal Docosahexaenoic Acid Supplementation on Very Preterm Infant Growth: Secondary Outcome of a Randomized Clinical Trial. Neonatology, 2022, 119, 377-385.	2.0	5
4	Use of SMOF lipid emulsion in very preterm infants does not affect the incidence of bronchopulmonary dysplasiaâ€“free survival. Journal of Parenteral and Enteral Nutrition, 2022, 46, 1892-1902.	2.6	2
5	Effects of maternal docosahexaenoic acid supplementation on brain development and neurodevelopmental outcomes of breastfed preterm neonates: protocol for a follow-up at preschool age of a randomised clinical trial (MOBYDIckPS). BMJ Open, 2022, 12, e057482.	1.9	1
6	Maternal High-Dose DHA Supplementation and Neurodevelopment at 18â€“22 Months of Preterm Children. Pediatrics, 2022, 150, .	2.1	12
7	Costs of Neonatal Intensive Care for Canadian Infants with Preterm Birth. Journal of Pediatrics, 2021, 229, 161-167.e12.	1.8	19
8	Mode of delivery and neonatal outcomes in extremely preterm Vertex/nonVertex twins. American Journal of Obstetrics and Gynecology, 2021, 224, 613.e1-613.e10.	1.3	4
9	Benefit of antenatal corticosteroids by year of birth among preterm infants in Canada during 2003â€“2017: a populationâ€based cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 521-531.	2.3	6
10	Breastfeeding and growth trajectory from birth to 5 years among children exposed and unexposed to gestational diabetes mellitus in utero. Journal of Perinatology, 2021, 41, 1033-1042.	2.0	1
11	Cord Blood IGF-I, Proinsulin, Leptin, HMW Adiponectin, and Ghrelin in Short or Skinny Small-for-Gestational-Age Infants. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3049-e3057.	3.6	7
12	Caregiversâ€™ perceptions, challenges and service needs related to tackling childhood overweight and obesity: a qualitative study in three districts of Shanghai, China. BMC Public Health, 2021, 21, 768.	2.9	3
13	Study protocol for the Sino-Canadian Healthy Life Trajectories Initiative (SCHeLTI): a multicentre, cluster-randomised, parallel-group, superiority trial of a multifaceted community-family-mother-child intervention to prevent childhood overweight and obesity. BMJ Open, 2021, 11, e045192.	1.9	9
14	The 3D-Transition Study: Objectives, Methods, and Implementation of an Innovative Planned Missing-Data Design. American Journal of Epidemiology, 2021, 190, 2262-2274.	3.4	5
15	Association of timing of birth with mortality among preterm infants born in Canada. Journal of Perinatology, 2021, 41, 2597-2606.	2.0	9
16	Rates and Determinants of Motherâ€™s Own Milk Feeding in Infants Born Very Preterm. Journal of Pediatrics, 2021, 236, 21-27.e4.	1.8	11
17	Docosahexaenoic acid-rich algae oil supplementation on breast milk fatty acid profile of mothers who delivered prematurely: a randomized clinical trial. Scientific Reports, 2021, 11, 21492.	3.3	5
18	Cord blood S100B: reference ranges and interest for early identification of newborns with brain injury. Clinical Chemistry and Laboratory Medicine, 2020, 58, 285-293.	2.3	8

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19	Effect of Maternal Docosahexaenoic Acid Supplementation on Bronchopulmonary Dysplasiaâ€“Free Survival in Breastfed Preterm Infants. JAMA - Journal of the American Medical Association, 2020, 324, 157.	7.4	43
20	Maternal Docosahexaenoic Acid Supplementation and Bronchopulmonary Dysplasia in Infantsâ€”Reply. JAMA - Journal of the American Medical Association, 2020, 324, 2105.	7.4	1
21	Accelerometry to measure physical activity in toddlers: Determination of wear time requirements for a reliable estimate of physical activity. Journal of Sports Sciences, 2019, 37, 298-305.	2.0	11
22	Association between lifestyle habits and adiposity values among children exposed and unexposed to gestational diabetes mellitus in utero. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2947-2952.	3.6	4
23	Prenatal determinants of childhood obesity: a review of risk factors. Canadian Journal of Physiology and Pharmacology, 2019, 97, 147-154.	1.4	26
24	Physical fitness is associated with prostaglandin F2Î± isomers during pregnancy. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 145, 7-14.	2.2	7
25	Is A Healthy Diet Associated with Lower Anthropometric and Glycemic Alterations in Predisposed Children Born from Mothers with Gestational Diabetes Mellitus?. Nutrients, 2019, 11, 570.	4.1	6
26	Body Weight Status and Sleep Disturbances During Pregnancy: Does Adherence to Gestational Weight Gain Guidelines Matter?. Journal of Women's Health, 2019, 28, 535-543.	3.3	15
27	Association between early introduction of fruit juice during infancy and childhood consumption of sweet-tasting foods and beverages among children exposed and unexposed to gestational diabetes mellitus in utero. Appetite, 2019, 132, 190-195.	3.7	8
28	Impact of assisted reproduction, infertility, sex and paternal factors on the placental DNA methylome. Human Molecular Genetics, 2019, 28, 372-385.	2.9	61
29	Early life nutrition, glycemic and anthropometric profiles of children exposed to gestational diabetes mellitus in utero. Early Human Development, 2018, 118, 37-41.	1.8	8
30	Changes in endothelial function, arterial stiffness and blood pressure in pregnant women after consumption of high-flavanol and high-theobromine chocolate: a double blind randomized clinical trial. Hypertension in Pregnancy, 2018, 37, 68-80.	1.1	9
31	Association of prenatal exposure to gestational diabetes with offspring body composition and regional body fat distribution. Clinical Obesity, 2018, 8, 81-87.	2.0	22
32	Short sleep duration and hyperglycemia in pregnancy: Aggregate and individual patient data meta-analysis. Sleep Medicine Reviews, 2018, 40, 31-42.	8.5	57
33	Maternal Circulating Placental Growth Factor and Neonatal Metabolic Health Biomarkers in Small for Gestational Age Infants. Frontiers in Endocrinology, 2018, 9, 198.	3.5	4
34	Consequences of maternal omegaâ€3 polyunsaturated fatty acid supplementation on respiratory function in rat pups. Journal of Physiology, 2017, 595, 1637-1655.	2.9	15
35	Maternal Fitness and Infant Birth Weight. , 2017, , 43-53.		0
36	Postnatal Prevention of Childhood Obesity in Offspring Prenatally Exposed to Gestational Diabetes mellitus: Where Are We Now. Obesity Facts, 2017, 10, 396-406.	3.4	40

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37	Physical activity during pregnancy and infantâ€™s birth weight: results from the 3D Birth Cohort. BMJ Open Sport and Exercise Medicine, 2017, 3, e000242.	2.9	25
38	High-flavanol and high-theobromine versus low-flavanol and low-theobromine chocolate to improve uterine artery pulsatility index: a double blind randomized clinical trial. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 2062-2067.	1.5	6
39	Body Composition in Very Preterm Infants: Role of Neonatal Characteristics and Nutrition in Achieving Growth Similar to Term Infants. Neonatology, 2017, 111, 214-221.	2.0	19
40	Maternal sleep-disordered breathing and the risk of delivering small for gestational age infants: a prospective cohort study. Thorax, 2016, 71, 719-725.	5.6	67
41	Could High Volume of Physical Activities in Early Pregnancy Interfere with Deep Placentation?. AJP Reports, 2016, 06, e421-e423.	0.7	0
42	Physical Activity Volumes during Pregnancy: A Systematic Review and Meta-Analysis of Observational Studies Assessing the Association with Infant's Birth Weight. AJP Reports, 2016, 06, e170-e197.	0.7	25
43	Cerebral blood flow regulation, exercise and pregnancy: why should we care?. Clinical Science, 2016, 130, 651-665.	4.3	6
44	3D Cohort Study: The Integrated Research Network in Perinatology of Quebec and Eastern Ontario. Paediatric and Perinatal Epidemiology, 2016, 30, 623-632.	1.7	38
45	Breastfeeding Initiation: Impact of Obesity in a Large Canadian Perinatal Cohort Study. PLoS ONE, 2015, 10, e0117512.	2.5	38
46	A 12-Week Exercise Program for Pregnant Women with Obesity to Improve Physical Activity Levels: An Open Randomised Preliminary Study. PLoS ONE, 2015, 10, e0137742.	2.5	63
47	Maternal omegaâ€3 supplementation reduces apnea duration induced by laryngeal chemoreflex stimulation in rat pups. FASEB Journal, 2015, 29, 861.7.	0.5	0
48	Gestational Diabetes Mellitus and Sleep-Disordered Breathing. Obstetrics and Gynecology, 2014, 123, 634-641.	2.4	32
49	Modulation of blood pressure response to exercise by physical activity and relationship with resting blood pressure during pregnancy. Journal of Hypertension, 2014, 32, 1450-1457.	0.5	16
50	Maternal sleep-disordered breathing and adverse pregnancy outcomes: aÂsystematic review and metaanalysis. American Journal of Obstetrics and Gynecology, 2014, 210, 52.e1-52.e14.	1.3	181
51	Omega-3 Long-Chain Polyunsaturated Fatty Acids for Extremely Preterm Infants: A Systematic Review. Pediatrics, 2014, 134, 120-134.	2.1	67
52	Does music during delivery help to decrease postpartum blues?. Focus on Alternative and Complementary Therapies, 2014, 19, 217-218.	0.1	0
53	Acupuncture for menopausal hot flushes. The Cochrane Library, 2013, , CD007410.	2.8	62
54	French Pregnancy Physical Activity Questionnaire Compared with an Accelerometer Cut Point to Classify Physical Activity among Pregnant Obese Women. PLoS ONE, 2012, 7, e38818.	2.5	67

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55	Integrative approach for tinnitus: potential for qigong. Focus on Alternative and Complementary Therapies, 2011, 16, 58-59.	0.1	0
56	How long should you be trained in meditation to get benefits?. Focus on Alternative and Complementary Therapies, 2011, 16, 155-156.	0.1	0
57	Early Docosahexaenoic Acid Supplementation of Mothers during Lactation Leads to High Plasma Concentrations in Very Preterm Infants3. Journal of Nutrition, 2011, 141, 231-236.	2.9	13
58	Do Children Undergoing Cancer Procedures under Pharmacological Sedation Still Report Pain and Anxiety? A Preliminary Study. Pain Medicine, 2010, 11, 215-223.	1.9	16
59	Do Standards for the Design and Reporting of Nonpharmacological Trials Facilitate Hypnotherapy Studies?. International Journal of Clinical and Experimental Hypnosis, 2010, 59, 64-81.	1.8	4
60	Vitamin A in utero and early life is essential for healthy lung function. Focus on Alternative and Complementary Therapies, 2010, 15, 320-321.	0.1	0
61	Hypnotizability and Opinions About Hypnosis in a Clinical Trial for the Hypnotic Control of Pain and Anxiety During Pregnancy Termination. International Journal of Clinical and Experimental Hypnosis, 2009, 58, 82-101.	1.8	16
62	Women's Views Regarding Hypnosis for the Control of Surgical Pain in the Context of a Randomized Clinical Trial. Journal of Women's Health, 2009, 18, 1441-1447.	3.3	8
63	Hypnotic analgesia intervention during first-trimester pregnancy termination: an open randomized trial. American Journal of Obstetrics and Gynecology, 2008, 199, 469.e1-469.e9.	1.3	36
64	Flaxseed on cardiovascular disease markers in healthy menopausal women: a randomized, double-blind, placebo-controlled trial. Nutrition, 2008, 24, 23-30.	2.4	116
65	Hypnotic Induction and Therapeutic Suggestions in First-Trimester Pregnancy Termination. International Journal of Clinical and Experimental Hypnosis, 2008, 56, 214-228.	1.8	6
66	The use of hypnosis to improve pain management during voluntary interruption of pregnancy: an open randomized preliminary study. Contraception, 2007, 75, 52-58.	1.5	32
67	Usefulness of phrenic nerve stimulation to measure upper airway collapsibility in normal awake subjects. Respiratory Physiology and Neurobiology, 2002, 130, 57-67.	1.6	2
68	Selected Contribution: Influence of genioglossus tonic activity on upper airway dynamics assessed by phrenic nerve stimulation. Journal of Applied Physiology, 2002, 92, 418-423.	2.5	19
69	Importance of sleep stage- and body position-dependence of sleep apnoea in determining benefits to auto-CPAP therapy. European Respiratory Journal, 2001, 18, 170-175.	6.7	46
70	Inspiratory Flow Dynamics During Phrenic Nerve Stimulation in Awake Normals During Nasal Breathing. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 614-620.	5.6	26
71	Nasal pressure recording in the diagnosis of sleep apnoea hypopnoea syndrome. Thorax, 1999, 54, 506-510.	5.6	90
72	Upper airway mucosa temperature in obstructive sleep apnoea/hypopnoea syndrome, nonapnoeic snorers and nonsnorers. European Respiratory Journal, 1998, 12, 193-197.	6.7	9

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73	Effects of inspiratory and expiratory positive pressure difference on airflow dynamics during sleep. Journal of Applied Physiology, 1998, 85, 1855-1862.	2.5	12
74	Upper airway collapsibility, and contractile and metabolic characteristics of musculus uvulae. FASEB Journal, 1996, 10, 897-904.	0.5	34
75	Effects of genioglossal response to negative airway pressure on upper airway collapsibility during sleep. Journal of Applied Physiology, 1996, 80, 1466-1474.	2.5	23
76	Characteristics of the genioglossus and musculus uvulae in sleep apnea hypopnea syndrome and in snorers.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 1870-1874.	5.6	115
77	Efficacy of auto-CPAP in the treatment of obstructive sleep apnea/hypopnea syndrome.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 794-798.	5.6	166
78	Effects of naloxone on upper airway collapsibility in normal sleeping subjects.. Thorax, 1996, 51, 851-852.	5.6	16
79	Effects of mouth opening on upper airway collapsibility in normal sleeping subjects.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 255-259.	5.6	213
80	Accuracy of Breath-by-Breath Analysis of Flow-Volume Loop in Identifying Sleep-Induced Flow-Limited Breathing Cycles in Sleep Apnoea-Hypopnoea Syndrome. Clinical Science, 1995, 88, 707-712.	4.3	18
81	Influence of sleep on ventilatory and upper airway response to CO2 in normal subjects and patients with COPD.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 1620-1626.	5.6	24
82	Physiologic, metabolic, and muscle fiber type characteristics of musculus uvulae in sleep apnea hypopnea syndrome and in snorers.. Journal of Clinical Investigation, 1995, 95, 20-25.	8.2	147
83	Influence of lung volume dependence of upper airway resistance during continuous negative airway pressure. Journal of Applied Physiology, 1994, 77, 840-844.	2.5	51
84	Effects of sleep deprivation and sleep fragmentation on upper airway collapsibility in normal subjects.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 481-485.	5.6	209
85	Changes in snoring characteristics after 30 days of nasal continuous positive airway pressure in patients with non-apnoeic snoring: a controlled trial.. Thorax, 1994, 49, 562-566.	5.6	7
86	Comparison of Snoring Measured at Home and During Polysomnographic Studies. Chest, 1993, 103, 1769-1773.	0.8	39
87	Long-term Effects of Protriptyline in Patients with Chronic Obstructive Pulmonary Disease. The American Review of Respiratory Disease, 1993, 147, 1487-1490.	2.9	14
88	Utility of Nocturnal Home Oximetry for Case Finding in Patients with Suspected Sleep Apnea Hypopnea Syndrome. Annals of Internal Medicine, 1993, 119, 449.	3.9	173
89	Effects of Protriptyline on Snoring Characteristics. Chest, 1993, 104, 14-18.	0.8	19
90	Effects of continuous negative airway pressure-related lung deflation on upper airway collapsibility. Journal of Applied Physiology, 1993, 75, 1222-1225.	2.5	13