

Isabelle Marc

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Maternal sleep-disordered breathing and adverse pregnancy outcomes: a systematic review and metaanalysis. American Journal of Obstetrics and Gynecology, 2014, 210, 52.e1-52.e14.	1.3	181
4	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
5	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
6	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
7	Flaxseed on cardiovascular disease markers in healthy menopausal women: a randomized, double-blind, placebo-controlled trial. Nutrition, 2008, 24, 23-30.	2.4	116
8	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
9	Nasal pressure recording in the diagnosis of sleep apnoea hypopnoea syndrome. Thorax, 1999, 54, 506-510.	5.6	90
10	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
11	Omega-3 Long-Chain Polyunsaturated Fatty Acids for Extremely Preterm Infants: A Systematic Review. Pediatrics, 2014, 134, 120-134.	2.1	67
12	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
13	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
14	Acupuncture for menopausal hot flushes. The Cochrane Library, 2013, , CD007410.	2.8	62
15	Impact of assisted reproduction, infertility, sex and paternal factors on the placental DNA methylome. Human Molecular Genetics, 2019, 28, 372-385.	2.9	61
16	Short sleep duration and hyperglycemia in pregnancy: Aggregate and individual patient data meta-analysis. Sleep Medicine Reviews, 2018, 40, 31-42.	8.5	57
17	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
18	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

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19	Effect of Maternal Docosahexaenoic Acid Supplementation on Bronchopulmonary Dysplasia—Free Survival in Breastfed Preterm Infants. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 157.	7.4	43
20	Postnatal Prevention of Childhood Obesity in Offspring Prenatally Exposed to Gestational Diabetes mellitus: Where Are We Now. <i>Obesity Facts</i> , 2017, 10, 396-406.	3.4	40
21	Comparison of Snoring Measured at Home and During Polysomnographic Studies. <i>Chest</i> , 1993, 103, 1769-1773.	0.8	39
22	Breastfeeding Initiation: Impact of Obesity in a Large Canadian Perinatal Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0117512.	2.5	38
23	3D Cohort Study: The Integrated Research Network in Perinatology of Quebec and Eastern Ontario. <i>Paediatric and Perinatal Epidemiology</i> , 2016, 30, 623-632.	1.7	38
24	Hypnotic analgesia intervention during first-trimester pregnancy termination: an open randomized trial. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 469.e1-469.e9.	1.3	36
25	Upper airway collapsibility, and contractile and metabolic characteristics of musculus uvulae. <i>FASEB Journal</i> , 1996, 10, 897-904.	0.5	34
26	The use of hypnosis to improve pain management during voluntary interruption of pregnancy: an open randomized preliminary study. <i>Contraception</i> , 2007, 75, 52-58.	1.5	32
27	Gestational Diabetes Mellitus and Sleep-Disordered Breathing. <i>Obstetrics and Gynecology</i> , 2014, 123, 634-641.	2.4	32
28	Inspiratory Flow Dynamics During Phrenic Nerve Stimulation in Awake Normals During Nasal Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 614-620.	5.6	26
29	Prenatal determinants of childhood obesity: a review of risk factors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 147-154.	1.4	26
30	Physical Activity Volumes during Pregnancy: A Systematic Review and Meta-Analysis of Observational Studies Assessing the Association with Infant's Birth Weight. <i>AJP Reports</i> , 2016, 06, e170-e197.	0.7	25
31	Physical activity during pregnancy and infant's birth weight: results from the 3D Birth Cohort. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000242.	2.9	25
32	Influence of sleep on ventilatory and upper airway response to CO ₂ in normal subjects and patients with COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 152, 1620-1626.	5.6	24
33	Effects of genioglossal response to negative airway pressure on upper airway collapsibility during sleep. <i>Journal of Applied Physiology</i> , 1996, 80, 1466-1474.	2.5	23
34	Association of prenatal exposure to gestational diabetes with offspring body composition and regional body fat distribution. <i>Clinical Obesity</i> , 2018, 8, 81-87.	2.0	22
35	Effects of Protriptyline on Snoring Characteristics. <i>Chest</i> , 1993, 104, 14-18.	0.8	19
36	Selected Contribution: Influence of genioglossus tonic activity on upper airway dynamics assessed by phrenic nerve stimulation. <i>Journal of Applied Physiology</i> , 2002, 92, 418-423.	2.5	19

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37	Body Composition in Very Preterm Infants: Role of Neonatal Characteristics and Nutrition in Achieving Growth Similar to Term Infants. <i>Neonatology</i> , 2017, 111, 214-221.	2.0	19
38	Costs of Neonatal Intensive Care for Canadian Infants with Preterm Birth. <i>Journal of Pediatrics</i> , 2021, 229, 161-167.e12.	1.8	19
39	Accuracy of Breath-by-Breath Analysis of Flow-Volume Loop in Identifying Sleep-Induced Flow-Limited Breathing Cycles in Sleep Apnoea-Hypopnoea Syndrome. <i>Clinical Science</i> , 1995, 88, 707-712.	4.3	18
40	Effects of naloxone on upper airway collapsibility in normal sleeping subjects.. <i>Thorax</i> , 1996, 51, 851-852.	5.6	16
41	Hypnotizability and Opinions About Hypnosis in a Clinical Trial for the Hypnotic Control of Pain and Anxiety During Pregnancy Termination. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2009, 58, 82-101.	1.8	16
42	Do Children Undergoing Cancer Procedures under Pharmacological Sedation Still Report Pain and Anxiety? A Preliminary Study. <i>Pain Medicine</i> , 2010, 11, 215-223.	1.9	16
43	Modulation of blood pressure response to exercise by physical activity and relationship with resting blood pressure during pregnancy. <i>Journal of Hypertension</i> , 2014, 32, 1450-1457.	0.5	16
44	Consequences of maternal omega-3 polyunsaturated fatty acid supplementation on respiratory function in rat pups. <i>Journal of Physiology</i> , 2017, 595, 1637-1655.	2.9	15
45	Body Weight Status and Sleep Disturbances During Pregnancy: Does Adherence to Gestational Weight Gain Guidelines Matter?. <i>Journal of Women's Health</i> , 2019, 28, 535-543.	3.3	15
46	Long-term Effects of Protriptyline in Patients with Chronic Obstructive Pulmonary Disease. <i>The American Review of Respiratory Disease</i> , 1993, 147, 1487-1490.	2.9	14
47	Effects of continuous negative airway pressure-related lung deflation on upper airway collapsibility. <i>Journal of Applied Physiology</i> , 1993, 75, 1222-1225.	2.5	13
48	Early Docosahexaenoic Acid Supplementation of Mothers during Lactation Leads to High Plasma Concentrations in Very Preterm Infants. <i>Journal of Nutrition</i> , 2011, 141, 231-236.	2.9	13
49	Effects of inspiratory and expiratory positive pressure difference on airflow dynamics during sleep. <i>Journal of Applied Physiology</i> , 1998, 85, 1855-1862.	2.5	12
50	Maternal High-Dose DHA Supplementation and Neurodevelopment at 18-22 Months of Preterm Children. <i>Pediatrics</i> , 2022, 150, .	2.1	12
51	Accelerometry to measure physical activity in toddlers: Determination of wear time requirements for a reliable estimate of physical activity. <i>Journal of Sports Sciences</i> , 2019, 37, 298-305.	2.0	11
52	Rates and Determinants of Mothers' Own Milk Feeding in Infants Born Very Preterm. <i>Journal of Pediatrics</i> , 2021, 236, 21-27.e4.	1.8	11
53	Upper airway mucosa temperature in obstructive sleep apnoea/hypopnoea syndrome, nonapnoeic snorers and nonsnorers. <i>European Respiratory Journal</i> , 1998, 12, 193-197.	6.7	9
54	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. <i>Hypertension in Pregnancy</i> , 2018, 37, 68-80.	1.1	9

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55	Study protocol for the Sino-Canadian Healthy Life Trajectories Initiative (SHeLTI): a multicentre, cluster-randomised, parallel-group, superiority trial of a multifaceted community-family-mother-child intervention to prevent childhood overweight and obesity. <i>BMJ Open</i> , 2021, 11, e045192.	1.9	9
56	Association of timing of birth with mortality among preterm infants born in Canada. <i>Journal of Perinatology</i> , 2021, 41, 2597-2606.	2.0	9
57	Women's Views Regarding Hypnosis for the Control of Surgical Pain in the Context of a Randomized Clinical Trial. <i>Journal of Women's Health</i> , 2009, 18, 1441-1447.	3.3	8
58	Early life nutrition, glycemic and anthropometric profiles of children exposed to gestational diabetes mellitus in utero. <i>Early Human Development</i> , 2018, 118, 37-41.	1.8	8
59	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. <i>Appetite</i> , 2019, 132, 190-195.	3.7	8
60	Cord blood S100B: reference ranges and interest for early identification of newborns with brain injury. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 285-293.	2.3	8
61	Changes in snoring characteristics after 30 days of nasal continuous positive airway pressure in patients with non-apnoeic snoring: a controlled trial. <i>Thorax</i> , 1994, 49, 562-566.	5.6	7
62	Physical fitness is associated with prostaglandin F ₂ ± isomers during pregnancy. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 145, 7-14.	2.2	7
63	Cord Blood IGF-I, Proinsulin, Leptin, HMW Adiponectin, and Ghrelin in Short or Skinny Small-for-Gestational-Age Infants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3049-e3057.	3.6	7
64	Hypnotic Induction and Therapeutic Suggestions in First-Trimester Pregnancy Termination. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2008, 56, 214-228.	1.8	6
65	Cerebral blood flow regulation, exercise and pregnancy: why should we care?. <i>Clinical Science</i> , 2016, 130, 651-665.	4.3	6
66	High-flavanol and high-theobromine versus low-flavanol and low-theobromine chocolate to improve uterine artery pulsatility index: a double blind randomized clinical trial. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2062-2067.	1.5	6
67	Is A Healthy Diet Associated with Lower Anthropometric and Glycemic Alterations in Predisposed Children Born from Mothers with Gestational Diabetes Mellitus?. <i>Nutrients</i> , 2019, 11, 570.	4.1	6
68	Benefit of antenatal corticosteroids by year of birth among preterm infants in Canada during 2003-2017: a population-based cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 521-531.	2.3	6
69	The 3D-Transition Study: Objectives, Methods, and Implementation of an Innovative Planned Missing-Data Design. <i>American Journal of Epidemiology</i> , 2021, 190, 2262-2274.	3.4	5
70	Docosahexaenoic acid-rich algae oil supplementation on breast milk fatty acid profile of mothers who delivered prematurely: a randomized clinical trial. <i>Scientific Reports</i> , 2021, 11, 21492.	3.3	5
71	Effect of Maternal Docosahexaenoic Acid Supplementation on Very Preterm Infant Growth: Secondary Outcome of a Randomized Clinical Trial. <i>Neonatology</i> , 2022, 119, 377-385.	2.0	5
72	Do Standards for the Design and Reporting of Nonpharmacological Trials Facilitate Hypnotherapy Studies?. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2010, 59, 64-81.	1.8	4

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73	Maternal Circulating Placental Growth Factor and Neonatal Metabolic Health Biomarkers in Small for Gestational Age Infants. <i>Frontiers in Endocrinology</i> , 2018, 9, 198.	3.5	4
74	Association between lifestyle habits and adiposity values among children exposed and unexposed to gestational diabetes mellitus in utero. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 2947-2952.	3.6	4
75	Mode of delivery and neonatal outcomes in extremely preterm Vertex/nonVertex twins. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 613.e1-613.e10.	1.3	4
76	Large-for-Gestational-Age, Leptin, and Adiponectin in Infancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e688-e697.	3.6	4
77	Caregiversâ€™ perceptions, challenges and service needs related to tackling childhood overweight and obesity: a qualitative study in three districts of Shanghai, China. <i>BMC Public Health</i> , 2021, 21, 768.	2.9	3
78	Usefulness of phrenic nerve stimulation to measure upper airway collapsibility in normal awake subjects. <i>Respiratory Physiology and Neurobiology</i> , 2002, 130, 57-67.	1.6	2
79	Use of SMOF lipid emulsion in very preterm infants does not affect the incidence of bronchopulmonary dysplasiaâ€‘free survival. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1892-1902.	2.6	2
80	Breastfeeding and growth trajectory from birth to 5 years among children exposed and unexposed to gestational diabetes mellitus in utero. <i>Journal of Perinatology</i> , 2021, 41, 1033-1042.	2.0	1
81	Maternal Docosahexaenoic Acid Supplementation and Bronchopulmonary Dysplasia in Infantsâ€™Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 2105.	7.4	1
82	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). <i>BMJ Open</i> , 2022, 12, e057482.	1.9	1
83	Integrative approach for tinnitus: potential for qigong. <i>Focus on Alternative and Complementary Therapies</i> , 2011, 16, 58-59.	0.1	0
84	How long should you be trained in meditation to get benefits?. <i>Focus on Alternative and Complementary Therapies</i> , 2011, 16, 155-156.	0.1	0
85	Does music during delivery help to decrease postpartum blues?. <i>Focus on Alternative and Complementary Therapies</i> , 2014, 19, 217-218.	0.1	0
86	Could High Volume of Physical Activities in Early Pregnancy Interfere with Deep Placentation?. <i>AJP Reports</i> , 2016, 06, e421-e423.	0.7	0
87	Maternal Fitness and Infant Birth Weight. , 2017, , 43-53.		0
88	Vitamin A in utero and early life is essential for healthy lung function. <i>Focus on Alternative and Complementary Therapies</i> , 2010, 15, 320-321.	0.1	0
89	Maternal omegaâ€‘3 supplementation reduces apnea duration induced by laryngeal chemoreflex stimulation in rat pups. <i>FASEB Journal</i> , 2015, 29, 861.7.	0.5	0
90	Determinants of Healthy Diet Among Children Exposed and Unexposed to Gestational Diabetes. <i>Journal of Nutrition Education and Behavior</i> , 2022, , .	0.7	0