# Vanessa E Murphy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8751831/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 121 papers | 5,616 citations | 94269 37 h-index | 79541 73 g-index |
| 122 all docs | 122 docs citations | 122 times ranked | 5336 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. Nature Communications, 2015, 6, 7320. | 5.8 | 683 |
| 2 | Endocrine Regulation of Human Fetal Growth: The Role of the Mother, Placenta, and Fetus. Endocrine Reviews, 2006, 27, 141-169. | 8.9 | 523 |
| 3 | Asthma exacerbations during pregnancy: incidence and association with adverse pregnancy outcomes. Thorax, 2006, 61, 169-176. | 2.7 | 305 |
| 4 | Management of asthma in pregnancy guided by measurement of fraction of exhaled nitric oxide: a double-blind, randomised controlled trial. Lancet, The, 2011, 378, 983-990. | 6.3 | 289 |
| 5 | A meta-analysis of adverse perinatal outcomes in women with asthma. BJOG: an International Journal of Obstetrics and Gynaecology, 2011, 118, 1314-1323. | 1.1 | 271 |
| 6 | Maternal Asthma Is Associated with Reduced Female Fetal Growth. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1317-1323. | 2.5 | 250 |
| 7 | Severe Asthma Exacerbations During Pregnancy. Obstetrics and Gynecology, 2005, 106, 1046-1054. | 1.2 | 228 |
| 8 | Asthma during pregnancy: mechanisms and treatment implications. European Respiratory Journal, 2005, 25, 731-750. | 3.1 | 158 |
| 9 | The risk of congenital malformations, perinatal mortality and neonatal hospitalisation among pregnant women with asthma: a systematic review and metaâ€analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2013, 120, 812-822. | 1.1 | 142 |
| 10 | Maternal Asthma as a Model for Examining Fetal Sex-specific Effects on Maternal Physiology and Placental Mechanisms that Regulate Human Fetal Growth. Placenta, 2004, 25, S45-S52. | 0.7 | 133 |
| 11 | Alterations in Human Placental 11Î²-hydroxysteroid Dehydrogenase Type 1 and 2 with Gestational Age and Labour. Placenta, 2003, 24, 739-744. | 0.7 | 132 |
| 12 | Effects of asthma severity, exacerbations and oral corticosteroids on perinatal outcomes. European Respiratory Journal, 2013, 41, 1082-1090. | 3.1 | 132 |
| 13 | Reduced 11Î²-Hydroxysteroid Dehydrogenase Type 2 Activity Is Associated with Decreased Birth Weight Centile in Pregnancies Complicated by Asthma. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1660-1668. | 1.8 | 117 |
| 14 | Placental Cytokine Expression Covaries with Maternal Asthma Severity and Fetal Sex. Journal of Immunology, 2009, 182, 1411-1420. | 0.4 | 117 |
| 15 | Reduced 11Â-Hydroxysteroid Dehydrogenase Type 2 Activity Is Associated with Decreased Birth Weight Centile in Pregnancies Complicated by Asthma. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1660-1668. | 1.8 | 110 |
| 16 | Asthma self-management skills and the use of asthma education during pregnancy. European Respiratory Journal, 2005, 26, 435-441. | 3.1 | 109 |
| 17 | Metabolism of Synthetic Steroids by the Human Placenta. Placenta, 2007, 28, 39-46. | 0.7 | 101 |
| 18 | The effect of cigarette smoking on asthma control during exacerbations in pregnant women. Thorax, 2010, 65, 739-744. | 2.7 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The risk of maternal and placental complications in pregnant women with asthma: a systematic review and meta-analysis. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 934-942. | 0.7 | 80 |
| 20 | Asthma in Pregnancy. Clinics in Chest Medicine, 2011, 32, 93-110. | 0.8 | 74 |
| 21 | Pregnant Women Have Attenuated Innate Interferon Responses to 2009 Pandemic Influenza A Virus Subtype H1N1. Journal of Infectious Diseases, 2012, 206, 646-653. | 1.9 | 71 |
| 22 | Impaired type I and III interferon response to rhinovirus infection during pregnancy and asthma. Thorax, 2012, 67, 209-214. | 2.7 | 70 |
| 23 | Managing Asthma in Pregnancy (MAP) trial: FENO levels and childhood asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 1765-1772.e4. | 1.5 | 60 |
| 24 | Differential DNA methylation profiles of infants exposed to maternal asthma during pregnancy. Pediatric Pulmonology, 2014, 49, 852-862. | 1.0 | 59 |
| 25 | Psychosocial Outcomes Are Related to Asthma Control and Quality of Life in Pregnant Women with Asthma. Journal of Asthma, 2011, 48, 1032-1040. | 0.9 | 58 |
| 26 | A Prospective Study of Respiratory Viral Infection in Pregnant Women With and Without Asthma. Chest, 2013, 144, 420-427. | 0.4 | 52 |
| 27 | Effect of inhaled glucocorticoid treatment on placental 11beta-hydroxysteroid dehydrogenase type 2 activity and neonatal birthweight in pregnancies complicated by asthma. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2006, 46, 136-140. | 0.4 | 50 |
| 28 | The Breathing for Life Trial: a randomised controlled trial of fractional exhaled nitric oxide (FENO)-based management of asthma during pregnancy and its impact on perinatal outcomes and infant and childhood respiratory health. BMC Pregnancy and Childbirth, 2016, 16, 111. | 0.9 | 45 |
| 29 | Effect of maternal asthma, inhaled glucocorticoids and cigarette use during pregnancy on the newborn insulin-like growth factor axis. Growth Hormone and IGF Research, 2010, 20, 39-48. | 0.5 | 44 |
| 30 | Psychosocial Variables Are Related to Future Exacerbation Risk and Perinatal Outcomes in Pregnant Women with Asthma. Journal of Asthma, 2013, 50, 383-389. | 0.9 | 44 |
| 31 | Plasmacytoid Dendritic Cells and CD8 T Cells From Pregnant Women Show Altered Phenotype and Function Following H1N1/09 Infection. Journal of Infectious Diseases, 2013, 208, 1062-1070. | 1.9 | 43 |
| 32 | Managing asthma in pregnancy. Breathe, 2015, 11, 258-267. | 0.6 | 43 |
| 33 | Prenatal origins of bronchiolitis: protective effect of optimised asthma management during pregnancy: TableÂ1. Thorax, 2014, 69, 383-384. | 2.7 | 42 |
| 34 | Rhinitis in pregnant women with asthma is associated with poorer asthma control and quality of life. Journal of Asthma, 2015, 52, 1023-1030. | 0.9 | 41 |
| 35 | Asthma in pregnancy: a hit for two. European Respiratory Review, 2014, 23, 64-68. | 3.0 | 40 |
| 36 | Premenstrual Asthma: Prevalence, Cycle-to-Cycle Variability and Relationship to Oral Contraceptive Use and Menstrual Symptoms. Journal of Asthma, 2008, 45, 696-704. | 0.9 | 39 |

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|---|---|---|---|
| 37 | Asthma during Pregnancy: Exacerbations, Management, and Health Outcomes for Mother and Infant. Seminars in Respiratory and Critical Care Medicine, 2017, 38, 160-173. | 0.8 | 39 |
| 38 | Sex-specific associations between cortisol and birth weight in pregnancies complicated by asthma are not due to differential glucocorticoid receptor expression. Thorax, 2010, 65, 677-683. | 2.7 | 38 |
| 39 | Influence of Maternal Body Mass Index and Macrophage Activation on Asthma Exacerbations in Pregnancy. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 981-987.e1. | 2.0 | 38 |
| 40 | Expression of Glucocorticoid Receptor Messenger Ribonucleic Acid Transcripts in the Human Placenta at Term. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4887-4893. | 1.8 | 34 |
| 41 | Proteomic study of plasma proteins in pregnant women with asthma. Respirology, 2006, 11, 41-48. | 1.3 | 30 |
| 42 | CD8 T cells and dendritic cells: key players in the attenuated maternal immune response to influenza infection. Journal of Reproductive Immunology, 2015, 107, 1-9. | 0.8 | 27 |
| 43 | The Effect of Maternal Asthma on Placental and Cord Blood Protein Profiles. Journal of the Society for Gynecologic Investigation, 2005, 12, 349-355. | 1.9 | 25 |
| 44 | Trends in asthma self-management skills and inhaled corticosteroid use during pregnancy and postpartum from 2004 to 2017. Journal of Asthma, 2019, 56, 594-602. | 0.9 | 24 |
| 45 | Alterations in inflammatory, antiviral and regulatory cytokine responses in peripheral blood mononuclear cells from pregnant women with asthma. Respirology, 2013, 18, 827-833. | 1.3 | 22 |
| 46 | Maternal asthma, breastfeeding, and respiratory outcomes in the first year of life. Pediatric Pulmonology, 2020, 55, 1690-1696. | 1.0 | 22 |
| 47 | Asthma in pregnancy: a review. Obstetric Medicine, 2013, 6, 58-63. | 0.5 | 21 |
| 48 | Inhaled corticosteroid use during pregnancy among women with asthma: A systematic review and metaâ€analysis. Clinical and Experimental Allergy, 2019, 49, 1403-1417. | 1.4 | 19 |
| 49 | Respiratory viral infections in pregnant women with asthma are associated with wheezing in the first 12Âmonths of life. Pediatric Allergy and Immunology, 2014, 25, 151-158. | 1.1 | 18 |
| 50 | Recent developments in asthma in pregnancy. Current Opinion in Pulmonary Medicine, 2019, 25, 11-17. | 1.2 | 18 |
| 51 | Vitamin D status in pregnant women with asthma and its association with adverse respiratory outcomes during infancy. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1820-1825. | 0.7 | 18 |
| 52 | Maternal Complications and the Management of Asthma in Pregnancy. Women's Health, 2015, 11, 183-191. | 0.7 | 17 |
| 53 | Review and appraisal of guidelines for the management of asthma during pregnancy. Women and Birth, 2018, 31, e349-e357. | 0.9 | 17 |
| 54 | The effects of maternal asthma during pregnancy on child cognitive and behavioral development: A systematic review. Journal of Asthma, 2019, 56, 130-141. | 0.9 | 17 |

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| 55 | Effect of maternal asthma exacerbations on perinatal outcomes: a population-based study. ERJ Open Research, 2020, 6, 00295-2020. | 1.1 | 17 |
| 56 | Circulating antioxidant profile of pregnant women with asthma. Clinical Nutrition, 2012, 31, 99-107. | 2.3 | 15 |
| 57 | Exposure to Stress and Air Pollution from Bushfires during Pregnancy: Could Epigenetic Changes Explain Effects on the Offspring?. International Journal of Environmental Research and Public Health, 2021, 18, 7465. | 1.2 | 15 |
| 58 | The influence of asthma control on psychosocial outcomes for pregnant women with asthma. Journal of Asthma, 2015, 52, 1013-1019. | 0.9 | 14 |
| 59 | How Maternal BMI Modifies the Impact of Personalized Asthma Management in Pregnancy. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 219-228.e3. | 2.0 | 14 |
| 60 | Breastfeeding and wheeze-related outcomes in high-risk infants: A systematic review and meta-analysis. American Journal of Clinical Nutrition, 2021, 113, 1609-1618. | 2.2 | 14 |
| 61 | â€˜Breathing Fireâ€™: Impact of Prolonged Bushfire Smoke Exposure in People with Severe Asthma. International Journal of Environmental Research and Public Health, 2022, 19, 7419. | 1.2 | 14 |
| 62 | The interaction between mother and fetus and the development of allergic asthma. Expert Review of Respiratory Medicine, 2014, 8, 57-66. | 1.0 | 13 |
| 63 | Biomarkerâ€guided management reduces exacerbations in nonâ€eosinophilic asthma in pregnancy: A secondary analysis of a randomized controlled trial. Respirology, 2020, 25, 719-725. | 1.3 | 13 |
| 64 | The temperament features associated with autism spectrum disorder in childhood: A systematic review. Research in Developmental Disabilities, 2020, 104, 103711. | 1.2 | 13 |
| 65 | Association between active tobacco use during pregnancy and infant respiratory health: a systematic review and meta-analysis. BMJ Open, 2020, 10, e037819. | 0.8 | 13 |
| 66 | Maternal asthma is associated with reduced lung function in male infants in a combined analysis of the BLT and BILD cohorts. Thorax, 2021, 76, 996-1001. | 2.7 | 13 |
| 67 | Factors Associated with Asthma Exacerbations During Pregnancy. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 4343-4352.e4. | 2.0 | 13 |
| 68 | Midwives×³ perception of their role in providing antenatal asthma management in Australia â€“ A qualitative study. Midwifery, 2016, 35, 11-16. | 1.0 | 12 |
| 69 | Nasal epithelial cells to assess in vitro immune responses to respiratory virus infection in pregnant women with asthma. Respiratory Research, 2019, 20, 259. | 1.4 | 12 |
| 70 | Clinical and lung function outcomes in a cohort of children with severe asthma. BMC Pulmonary Medicine, 2020, 20, 66. | 0.8 | 11 |
| 71 | Observational study of mental health in asthmatic women during the prenatal and postnatal periods. Journal of Asthma, 2020, 57, 829-841. | 0.9 | 10 |
| 72 | Factors Associated with Nonadherence to Inhaled Corticosteroids for Asthma During Pregnancy. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1242-1252.e1. | 2.0 | 9 |

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|---|---|---|---|
| 73 | Longitudinal Analysis of Lung Function in Pregnant Women with and without Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1578-1585.e3. | 2.0 | 7 |
| 74 | Risk factors for asthma exacerbations during pregnancy: a systematic review and meta-analysis. European Respiratory Review, 2022, 31, 220039. | 3.0 | 7 |
| 75 | Ventilation inhomogeneities in children with congenital thoracic malformations. BMC Pulmonary Medicine, 2015, 15, 25. | 0.8 | 6 |
| 76 | Fractional exhaled nitric oxideâ€based asthma management: The feasibility of its implementation into antenatal care in New South Wales, Australia. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, 389-395. | 0.4 | 6 |
| 77 | The Impact of Sample Type on Vitamin D Quantification and Clinical Classification during Pregnancy. Nutrients, 2020, 12, 3872. | 1.7 | 6 |
| 78 | Patterns of contraceptive use among young Australian women with chronic disease: findings from a prospective cohort study. Reproductive Health, 2022, 19, 111. | 1.2 | 6 |
| 79 | Barriers preventing Australian midwives from providing antenatal asthma management. British Journal of Midwifery, 2015, 23, 116-123. | 0.1 | 5 |
| 80 | Antenatal asthma management by midwives in Australia â€" Self-reported knowledge, confidence and guideline use. Women and Birth, 2020, 33, e166-e175. | 0.9 | 5 |
| 81 | Environmental Air Pollutants Inhaled during Pregnancy Are Associated with Altered Cord Blood Immune Cell Profiles. International Journal of Environmental Research and Public Health, 2021, 18, 7431. | 1.2 | 5 |
| 82 | Rhinovirus bronchiolitis, maternal asthma, and the development of asthma and lung function impairments. Pediatric Pulmonology, 2021, 56, 362-370. | 1.0 | 5 |
| 83 | Exacerbations of asthma following step-up and step-down inhaled corticosteroid and long acting beta agonist therapy in the managing asthma in pregnancy study. Journal of Asthma, 2022, 59, 362-369. | 0.9 | 4 |
| 84 | The acceptability and feasibility of implementing a Fractional exhaled Nitric Oxide (FeNO)-based asthma management strategy into antenatal care: The perspective of pregnant women with asthma. Midwifery, 2020, 88, 102757. | 1.0 | 4 |
| 85 | Cord blood group 2 innate lymphoid cells are associated with lung function at 6Âweeks of age. Clinical and Translational Immunology, 2021, 10, e1296. | 1.7 | 4 |
| 86 | Serum 25 Hydroxyvitamin D Levels During Pregnancy in Women with Asthma: Associations with Maternal Characteristics and Adverse Maternal and Neonatal Outcomes. Nutrients, 2020, 12, 2978. | 1.7 | 3 |
| 87 | Variation of DNA Methylation in Newborns Associated with Exhaled Carbon Monoxide during Pregnancy. International Journal of Environmental Research and Public Health, 2021, 18, 1597. | 1.2 | 3 |
| 88 | Asthma in Pregnancy. , 2009, , 143-162. | | 3 |
| 89 | Higher exhaled nitric oxide at 6 weeks of age is associated with less bronchiolitis and wheeze in the first 12 months of age. Thorax, 2022, 77, 1106-1112. | 2.7 | 3 |
| 90 | Maternal asthma and gestational diabetes mellitus: Exploration of potential associations. Obstetric Medicine, 2021, 14, 12-18. | 0.5 | 2 |

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|---|---|---|---|
| 91 | The association between breastfeeding and respiratory health in infants born to women with asthma: a secondary analysis of two cohort studies. , 2019, , . | | 2 |
| 92 | Are pregnant women with asthma receiving guideline-recommended antenatal asthma management? A survey of pregnant women receiving usual care in Australia. Women and Birth, 2023, 36, 108-116. | 0.9 | 2 |
| 93 | Investigating the Links between Lower Iron Status in Pregnancy and Respiratory Disease in Offspring Using Murine Models. Nutrients, 2021, 13, 4461. | 1.7 | 2 |
| 94 | Asthma in pregnancy â€“ Management, maternal co-morbidities, and long-term health. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2022, 85, 45-56. | 1.4 | 2 |
| 95 | Evaluating inhaled corticosteroid use among pregnant women with asthma: systematic review and meta-analysis. , 2019, , . | | 1 |
| 96 | Prematurity and respiratory function at 6 weeks of age in infants born to mothers with asthma during pregnancy and active tobacco smoking. , 2019, , . | | 1 |
| 97 | Parenting stress in mothers with asthma during the postpartum period. Journal of Asthma, 2021, , 1-13. | 0.9 | 1 |
| 98 | Early Sensory and Temperament Features in Infants Born to Mothers With Asthma: A Cross-Sectional Study. Frontiers in Psychology, 2021, 12, 713804. | 1.1 | 1 |
| 99 | Asthma and Rhinitis in Pregnancy. , 2009, , 485-497. | | 1 |
| 100 | FeNO-guided management of asthma during pregnancy reduces respiratory symptoms and asthma diagnosis in childhood. , 2016, , . | | 1 |
| 101 | Influence of maternal body mass index and gestational weight gain, with asthma management on maternal and infant outcomes. , 2019, , . | | 1 |
| 102 | Exposure to 4% SF<sub>6</sub> during multiple breath washout affects subsequent infant tidal breathing analysis. Pediatric Pulmonology, 2022, 57, 1089-1091. | 1.0 | 1 |
| 103 | Risk factors for asthma exacerbation during pregnancy: protocol for a systematic review and meta-analysis. Systematic Reviews, 2022, 11, . | 2.5 | 1 |
| 104 | A Meta-Analysis Of Adverse Perinatal Outcomes In Asthmatic Women: Effect Of Asthma On Placental And Neonatal Outcomes. , 2010, , . | | 0 |
| 105 | Reduced Anti-Viral Responses: Why Pregnant Women Have Increased Susceptibility To Respiratory Virus Infection. , 2010, , . | | 0 |
| 106 | Asthma Exacerbations During Pregnancy Are Reduced By Inflammometry (FENO) Guided Asthma Management: A Randomised Controlled Trial. , 2011, , . | | 0 |
| 107 | Are Maternal Asthma Exacerbations During Pregnancy Related To Impaired Infant Growth In The First Six Months Of Life?. , 2011, , . | | 0 |
| 108 | Fatty acid profile of pregnant women with asthma. E-SPEN Journal, 2012, 7, e78-e85. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | The acceptability and feasibility of a novel asthma management strategy in Australian antenatal clinics-a qualitative descriptive study. Women and Birth, 2019, 32, S41. | 0.9 | 0 |
| 110 | Asthma in Pregnancy. , 2022, , 369-382. | | 0 |
| 111 | Respiratory Function at 6 weeks of age is associated with the development of bronchiolitis in infants born to mothers with asthma during pregnancy. , 2017, , . | | 0 |
| 112 | Treatment decisions with an exhaled nitric oxide (eNO)-based algorithm vs a symptoms-based algorithm for asthma in pregnancy. , 2018, , . | | 0 |
| 113 | Asthma: Interrelationships with Pregnancy. , 2019, , 29-45. | | 0 |
| 114 | Late Breaking Abstract - Maternal asthma, weight gain in early life and infant lung function. , 2019, , . | | 0 |
| 115 | Factors associated with ICS non-adherence in pregnant women with asthma: a cross-sectional analysis. , 2019, , . | | 0 |
| 116 | The acceptibility and feasibility of FeNo-based asthma management in Australian antenatal clinics- A qualitative descriptive study. , 2019, , . | | 0 |
| 117 | The impact of gestation, and its interaction with asthma, on spirometry indices: a longitudinal analysis of lung function in pregnant women with and without asthma. , 2019, , . | | 0 |
| 118 | A survey of pregnant women with asthma in Australia-Are they receiving guideline recommendations?. , 2019, , . | | 0 |
| 119 | Asthma exacerbations during pregnancy increase risk of adverse perinatal outcomes. , 2020, , . | | 0 |
| 120 | Late Breaking Abstract - Management of asthma in pregnancy using fractional exhaled nitric oxide (FENO) to adjust inhaled corticosteroid (ICS) dose did not improve perinatal outcomes: the Breathing for Life Trial (BLT). , 2020, , . | | 0 |
| 121 | A <scp>crossâ€sectional</scp> survey of Australian healthcare professionals' confidence, <scp>evidenceâ€based</scp> knowledge and guideline use for antenatal asthma management. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2022, 62, 681-687. | 0.4 | 0 |