# Estela M Bevilacqua

List of Publications by Year
in descending order



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|---|---|---|---|
| 96 papers | 1,924 citations | 201674 27 h-index | 315739 38 g-index |
| 115 all docs | 115 docs citations | 115 times ranked | 2795 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Obesity induced by high-fat diet promotes insulin resistance in the ovary. Journal of Endocrinology, 2010, 206, 65-74. | 2.6 | 83 |
| 2 | LPS Exposure Increases Maternal Corticosterone Levels, Causes Placental Injury and Increases IL-1Î² Levels in Adult Rat Offspring: Relevance to Autism. PLoS ONE, 2013, 8, e82244. | 2.5 | 80 |
| 3 | Participation of the Mouse Implanting Trophoblast in Nitric Oxide Production During Pregnancy1. Biology of Reproduction, 2000, 62, 260-268. | 2.7 | 76 |
| 4 | The role of polymorphonuclear leukocytes in the resistance to cutaneous Leishmaniasis. Immunology Letters, 1998, 64, 145-151. | 2.5 | 66 |
| 5 | Changes in apoptosis and Bcl-2 expression in human hyperglycemic, term placental trophoblast. Diabetes Research and Clinical Practice, 2006, 73, 143-149. | 2.8 | 62 |
| 6 | Collagen remodeling during decidualization in the mouse. Cell and Tissue Research, 1986, 244, 443-8. | 2.9 | 56 |
| 7 | Vascular endothelial growth factor (VEGF) and VEGF-receptor expression in placenta of hyperglycemic pregnant women. Placenta, 2010, 31, 770-780. | 1.5 | 56 |
| 8 | Nitric oxide modulates eosinophil infiltration in antigen-induced airway inflammation in rats. European Journal of Pharmacology, 1998, 358, 253-259. | 3.5 | 55 |
| 9 | Macrophage Migration Inhibitory Factor Is Up-Regulated in Human First-Trimester Placenta Stimulated by Soluble Antigen of Toxoplasma gondii, Resulting in Increased Monocyte Adhesion on Villous Explants. American Journal of Pathology, 2008, 172, 50-58. | 3.8 | 55 |
| 10 | Effect of Maytenus ilicifolia Mart. on pregnant mice. Contraception, 2002, 65, 171-175. | 1.5 | 45 |
| 11 | Hydrocephalus and arthrogryposis in an immunocompetent mouse model of ZIKA teratogeny: A developmental study. PLoS Neglected Tropical Diseases, 2017, 11, e0005363. | 3.0 | 43 |
| 12 | Effect of Toxoplasma gondii Infection Kinetics on Trophoblast Cell Population in Calomys callosus , a Model of Congenital Toxoplasmosis. Infection and Immunity, 2002, 70, 7089-7094. | 2.2 | 41 |
| 13 | Phagocytosis as a potential mechanism for microbial defense of mouse placental trophoblast cells. Reproduction, 2004, 128, 207-218. | 2.6 | 41 |
| 14 | Inflammasome activation and IL-1 signaling during placental malaria induce poor pregnancy outcomes. Science Advances, 2020, 6, eaax6346. | 10.3 | 40 |
| 15 | Cryopreservation of bos taurus vs bos indicus embryos: are they really different?. Theriogenology, 2002, 57, 345-359. | 2.1 | 37 |
| 16 | Changes in the TNF-alpha/IL-10 ratio in hyperglycemia-associated pregnancies. Diabetes Research and Clinical Practice, 2015, 107, 362-369. | 2.8 | 37 |
| 17 | Trophoblast phagocytic program: roles in different placental systems. International Journal of Developmental Biology, 2010, 54, 495-505. | 0.6 | 36 |
| 18 | The term basal plate of the human placenta as a source of functional extravillous trophoblast cells. Reproductive Biology and Endocrinology, 2014, 12, 7. | 3.3 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Differentiation-dependent expression of gelatinase B/matrix metalloproteinase-9 in trophoblast cells. Cell and Tissue Research, 1999, 295, 287-296. | 2.9 | 34 |
| 20 | Placental morphology of rats prenatally exposed to methyl parathion. Experimental and Toxicologic Pathology, 2004, 55, 489-496. | 2.1 | 34 |
| 21 | TLR4-Mediated Placental Pathology and Pregnancy Outcome in Experimental Malaria. Scientific Reports, 2017, 7, 8623. | 3.3 | 33 |
| 22 | Hyperglycemia induces inflammatory mediators in the human chorionic villous. Cytokine, 2018, 111, 41-48. | 3.2 | 33 |
| 23 | Modulation of the Induction of Lung and Airway Allergy in the Offspring of IFN-Î³-Treated Mother Mice. Journal of Immunology, 2005, 175, 3554-3559. | 0.8 | 32 |
| 24 | Serum Amyloid A in the Placenta and Its Role in Trophoblast Invasion. PLoS ONE, 2014, 9, e90881. | 2.5 | 30 |
| 25 | DNA Damage and Its Cellular Response in Mother and Fetus Exposed to Hyperglycemic Environment. BioMed Research International, 2014, 2014, 1-9. | 1.9 | 30 |
| 26 | Post-implantation mouse embryos have the capability to generate and release reactive oxygen species. Reproduction, Fertility and Development, 1995, 7, 1111. | 0.4 | 29 |
| 27 | Binucleate trophoblast giant cells in the water buffalo (Bubalus bubalis) placenta. Journal of Morphology, 2006, 267, 50-56. | 1.2 | 29 |
| 28 | Impact of chlorpyrifos on human villous trophoblasts and chorionic villi. Toxicology and Applied Pharmacology, 2017, 329, 26-39. | 2.8 | 29 |
| 29 | Regulation of Gene Expression in Mouse Trophoblast Cells by Interferon-gamma. Placenta, 2007, 28, 1059-1072. | 1.5 | 27 |
| 30 | Calomys callosus (Rodentia: Cricetidae) trophoblast cells as host cells to Toxoplasma gondii in early pregnancy. Parasitology Research, 1999, 85, 647-654. | 1.6 | 26 |
| 31 | Tissue distribution of quiescin Q6/sulfhydryl oxidase (QSOX) in developing mouse. Journal of Molecular Histology, 2008, 39, 217-225. | 2.2 | 26 |
| 32 | NADPH oxidase as an important source of reactive oxygen species at the mouse maternalâ€“fetal interface: putative biological roles. Reproductive BioMedicine Online, 2012, 25, 31-43. | 2.4 | 26 |
| 33 | Placentation in the alpaca Lama pacos. Anatomy and Embryology, 2003, 207, 45-62. | 1.5 | 25 |
| 34 | Up-regulation of the phosphatidylinositol 3-kinase/protein kinase B pathway in the ovary of rats by chronic treatment with hCG and insulin. Journal of Endocrinology, 2006, 190, 451-459. | 2.6 | 24 |
| 35 | ORIGINAL ARTICLE: Bclâ€2 and Bax Expressions in Preâ€Term, Term and Postâ€Term Placentas. American Journal of Reproductive Immunology, 2008, 60, 172-178. | 1.2 | 22 |
| 36 | Spatiotemporal patterns of macrophage migration inhibitory factor (Mif) expression in the mouse placenta. Reproductive Biology and Endocrinology, 2010, 8, 95. | 3.3 | 22 |

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|---|---|---|---|
| 37 | Induction of erythrophagocytic activity in cultured mouse trophoblast cells by phorbol myristate acetate and all-trans-retinal. Placenta, 1996, 17, 507-512. | 1.5 | 21 |
| 38 | Hyperglycemia Differentially Affects Maternal and Fetal DNA Integrity and DNA Damage Response. International Journal of Biological Sciences, 2016, 12, 466-477. | 6.4 | 21 |
| 39 | Localization of Cathepsins D and B at the Maternal-Fetal Interface and the Invasiveness of the Trophoblast during the Postimplantation Period in the Mouse. Cells Tissues Organs, 2011, 193, 417-425. | 2.3 | 20 |
| 40 | Review: Putative roles for the macrophage migratory inhibitory factor at the maternal fetal interface. Placenta, 2014, 35, S51-S56. | 1.5 | 20 |
| 41 | Interferon-gamma alters the phagocytic activity of the mouse trophoblast. Reproductive Biology and Endocrinology, 2005, 3, 34. | 3.3 | 19 |
| 42 | Endogenous annexin A1 (AnxA1) modulates earlyâ€phase gestation and offspring sexâ€ratio skewing. Journal of Cellular Physiology, 2018, 233, 6591-6603. | 4.1 | 19 |
| 43 | Developmental changes in the ploidy of mouse implanting trophoblast cells in vitro. Histochemistry and Cell Biology, 2003, 119, 189-198. | 1.7 | 17 |
| 44 | Macrophage migration inhibitory factor induces phosphorylation of Mdm2 mediated by phosphatidylinositol 3-kinase/Akt kinase: Role of this pathway in decidual cell survival. Placenta, 2016, 41, 27-38. | 1.5 | 17 |
| 45 | Role of the Macrophage Migration Inhibitory Factor (MIF) in the survival of first trimester human placenta under induced stress conditions. Scientific Reports, 2018, 8, 12150. | 3.3 | 17 |
| 46 | Decorin and biglycan immunolocalization in nonâ€villous structures of healthy and pathological human placentas. Histopathology, 2014, 64, 616-625. | 2.9 | 16 |
| 47 | Peri-implantationalin vivoandin vitroembryo-trophoblast development after perigestational alcohol exposure in the CD-1 mouse. Drug and Chemical Toxicology, 2014, 37, 184-197. | 2.3 | 16 |
| 48 | Stromal cell derived factor-2 (Sdf2): A novel protein expressed in mouse. International Journal of Biochemistry and Cell Biology, 2014, 53, 262-270. | 2.8 | 16 |
| 49 | Histopathologic Changes in Placental Tissue Associated With Vertical Transmission of Zika Virus. International Journal of Gynecological Pathology, 2020, 39, 157-162. | 1.4 | 16 |
| 50 | Mitotic Polyploidization in Trophoblast Giant Cells of the Alpaca. Cells Tissues Organs, 2005, 181, 103-108. | 2.3 | 15 |
| 51 | Association of Malaria Infection During Pregnancy With Head Circumference of Newborns in the Brazilian Amazon. JAMA Network Open, 2019, 2, e193300. | 5.9 | 15 |
| 52 | The potential contribution of stromal cell-derived factor 2 (SDF2) in endoplasmic reticulum stress response in severe preeclampsia and labor-onset. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165386. | 3.8 | 15 |
| 53 | Tumorigenic Factor CRIPTO-1 Is Immunolocalized in Extravillous Cytotrophoblast in Placenta Creta. BioMed Research International, 2014, 2014, 1-9. | 1.9 | 14 |
| 54 | Growth of mouse ectoplacental cone cells in subcutaneous tissues. Development of placental-like cells. American Journal of Anatomy, 1991, 192, 382-399. | 1.0 | 13 |

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|---|---|---|---|
| 55 | Low oxygen tension induces KrÃ¼ppel-Like Factor 6 expression in trophoblast cells. Placenta, 2016, 45, 50-57. | 1.5 | 12 |
| 56 | Maternal Oxidative Stress, Placental Morphometry, and Fetal Growth in Diabetic Rats Exposed to Cigarette Smoke. Reproductive Sciences, 2019, 26, 1287-1293. | 2.5 | 10 |
| 57 | Exosome-Enriched Plasma Analysis as a Tool for the Early Detection of Hypertensive Gestations. Frontiers in Physiology, 2021, 12, 767112. | 2.8 | 10 |
| 58 | Trophoblastic invasion of the uterine epithelium inCalomys callosus (Rodentia, cricetidae). Journal of Morphology, 1994, 221, 139-152. | 1.2 | 9 |
| 59 | Stromal Cell-Derived Factor 2: A Novel Protein that Interferes in Endoplasmic Reticulum Stress Pathway in Human Placental Cells. Biology of Reproduction, 2016, 95, 41-41. | 2.7 | 9 |
| 60 | Signaling Molecules Involved in IFN-Î³-Inducible Nitric Oxide Synthase Expression in the Mouse Trophoblast. American Journal of Reproductive Immunology, 2007, 58, 537-546. | 1.2 | 8 |
| 61 | Expression of NADPH Oxidase by Trophoblast Cells: Potential Implications for the Postimplanting Mouse Embryo1. Biology of Reproduction, 2012, 86, 56. | 2.7 | 8 |
| 62 | Placentation in the anteaters Myrmecophaga tridactyla and Tamandua tetradactyla (Eutheria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 | 3.3 | 7 |
| 63 | Biology of the Ectoplacental Cone. , 2014, , 113-124. | | 6 |
| 64 | Stromal Cell-Derived Factor (SDF) 2 and the Endoplasmic Reticulum Stress Response of Trophoblast Cells in Gestational Diabetes Mellitus and In vitro Hyperglycaemic Condition. Current Vascular Pharmacology, 2020, 19, 201-209. | 1.7 | 6 |
| 65 | Acid phosphatase and cathepsin D are active expressed enzymes in the placenta of the cat. Research in Veterinary Science, 2008, 84, 326-334. | 1.9 | 5 |
| 66 | Ectoplacental Cone Induces Resistance to Apoptosis in High Doses of Interferon (IFN)â€Î³â€Treated Decidual Cells. American Journal of Reproductive Immunology, 2012, 67, 73-83. | 1.2 | 5 |
| 67 | Indoleamine 2,3-dioxygenase (IDO) Activity in Placental Compartments of Renal-Transplanted Pregnant Women. American Journal of Reproductive Immunology, 2014, 72, 45-56. | 1.2 | 5 |
| 68 | Serum From Preeclamptic Women Triggers Endoplasmic Reticulum Stress Pathway and Expression of Angiogenic Factors in Trophoblast Cells. Frontiers in Physiology, 2021, 12, 799653. | 2.8 | 5 |
| 69 | Distinct effects of short- and long-term type 1 diabetes to the placental extracellular matrix and fetal development in mice. Placenta, 2017, 53, 1-7. | 1.5 | 4 |
| 70 | The Impact of Immunosuppressive Drugs on Human Placental Explants. Reproductive Sciences, 2019, 26, 1225-1234. | 2.5 | 4 |
| 71 | The Rat Mammary Gland as a Novel Site of Expression of Melanin-Concentrating Hormone Receptor 1 mRNA and Its Protein Immunoreactivity. Frontiers in Endocrinology, 2020, 11, 463. | 3.5 | 4 |
| 72 | Yellow Fever Vaccination in a Mouse Model Is Associated With Uninterrupted Pregnancies and Viable Neonates Except When Administered at Implantation Period. Frontiers in Microbiology, 2020, 11, 245. | 3.5 | 4 |

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|---|---|---|---|
| 73 | The effect of Ipomoea carnea on maternal reproductive outcomes and fetal and postnatal development in rats. Toxicon, 2021, 190, 3-10. | 1.6 | 4 |
| 74 | Chemokine (Câ€€ motif) ligand 25 expressed by trophoblast cells and leukocytes bearing its receptor Ccr9: An alliance during embryo implantation?. American Journal of Reproductive Immunology, 2018, 79, e12783. | 1.2 | 4 |
| 75 | Cytological aspects of vascular invasion by the trophoblast ofCalomys callosus in hepatic tissues. Journal of Morphology, 1995, 226, 159-171. | 1.2 | 3 |
| 76 | Compartmentalization of pro-inflammatory cytokine levels in renal-transplanted pregnant women. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 1468-1473. | 1.5 | 3 |
| 77 | Liver Damage Induced by Succinylacetone: A Shared Redox Imbalance Mechanism between Tyrosinemia and Hepatic Porphyrias. Journal of the Brazilian Chemical Society, 0, , . | 0.6 | 3 |
| 78 | Environmental control of mammary carcinoma cell expansion by acidification and spheroid formation in vitro. Scientific Reports, 2020, 10, 21959. | 3.3 | 3 |
| 79 | Metastatic melanoma positively influences pregnancy outcome in a mouse model: could a deadly tumor support embryo life?. Clinical and Experimental Metastasis, 2008, 25, 65-73. | 3.3 | 2 |
| 80 | The impact of Zika virus exposure on the placental proteomic profile. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166270. | 3.8 | 2 |
| 81 | NADPH-diaphorase activity and nitric oxide synthase isoforms in the trophoblast of Calomys callosus. Journal of Anatomy, 2001, 198, 443-453. | 1.5 | 1 |
| 82 | Expression of angiogenic factors in placenta of stressed rats. Reproduction, Fertility and Development, 2012, 24, 851. | 0.4 | 1 |
| 83 | Subcutaneous injection of orally tolerated proteins in the mother disturbs embryo implantation in mice. Placenta, 2013, 34, A30. | 1.5 | 1 |
| 84 | Tribute to Dr Luis Fernando Bicudo Pereira Costa Rosa (GG). Evidence-based Complementary and Alternative Medicine, 2006, 3, 161-161. | 1.2 | 0 |
| 85 | Stromal cell derived factor 2: new insights of function. Placenta, 2013, 34, A99. | 1.5 | 0 |
| 86 | Ectoplacental Cone Isolation, Culture and Assessment. , 2014, , 505-528. | | 0 |
| 87 | Mitochondria DNA damage in hyperglycemic-associated pregnancies. Placenta, 2014, 35, A30-A31. | 1.5 | 0 |
| 88 | Systemic effects of oral tolerance disturb placental development. Placenta, 2015, 36, 510. | 1.5 | 0 |
| 89 | CRIPTO1/3 modulates invasion of trophoblast HTR8/SV-neo cell lineage. Placenta, 2015, 36, A36. | 1.5 | 0 |
| 90 | The role of SDF2 (Stromal cell derived factor 2) in Cell Survival/Death Decision during Endoplasmic Reticulum Stress in Human Trophoblast cells. Placenta, 2017, 57, 257. | 1.5 | 0 |

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|---|---|---|---|
| 91 | Impact of Plasmodium berghei infection on autophagic profile and structure of mice placenta. Placenta, 2019, 83, e92. | 1.5 | 0 |
| 92 | Building an integrated gestational high-risk biobank for extracellular microvesicles investigation. Placenta, 2019, 83, e118. | 1.5 | 0 |
| 93 | Exogenous CRIPTO-1 increases proliferation of the trophoblast cell lineage HTR8/SV-neo. Placenta, 2019, 83, e118. | 1.5 | 0 |
| 94 | Exosome-enriched plasma analysis as a tool for the early detection of hypertensive gestations. Placenta, 2021, 112, e17. | 1.5 | 0 |
| 95 | Embriologia do PÃ¢ncreas e Sistema Hepatobiliar. , 0, , 179-196. | | 0 |
| 96 | CRIPTO-1 Is Immunolocalized in the Syncytiotrophoblast of Ampullary Pregnancies. BioMed Research International, 2022, 2022, 1-8. | 1.9 | 0 |