

# Estela M Bevilacqua

## List of Publications by Year in descending order

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96  
papers

1,924  
citations

201385

27  
h-index

315357

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. <i>Journal of Endocrinology</i> , 2010, 206, 65-74.	1.2	83
2	LPS Exposure Increases Maternal Corticosterone Levels, Causes Placental Injury and Increases IL-1 $\beta$ Levels in Adult Rat Offspring: Relevance to Autism. <i>PLoS ONE</i> , 2013, 8, e82244.	1.1	80
3	Participation of the Mouse Implanting Trophoblast in Nitric Oxide Production During Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 260-268.	1.2	76
4	The role of polymorphonuclear leukocytes in the resistance to cutaneous Leishmaniasis. <i>Immunology Letters</i> , 1998, 64, 145-151.	1.1	66
5	Changes in apoptosis and Bcl-2 expression in human hyperglycemic, term placental trophoblast. <i>Diabetes Research and Clinical Practice</i> , 2006, 73, 143-149.	1.1	62
6	Collagen remodeling during decidualization in the mouse. <i>Cell and Tissue Research</i> , 1986, 244, 443-8.	1.5	56
7	Vascular endothelial growth factor (VEGF) and VEGF-receptor expression in placenta of hyperglycemic pregnant women. <i>Placenta</i> , 2010, 31, 770-780.	0.7	56
8	Nitric oxide modulates eosinophil infiltration in antigen-induced airway inflammation in rats. <i>European Journal of Pharmacology</i> , 1998, 358, 253-259.	1.7	55
9	Macrophage Migration Inhibitory Factor Is Up-Regulated in Human First-Trimester Placenta Stimulated by Soluble Antigen of <i>Toxoplasma gondii</i> , Resulting in Increased Monocyte Adhesion on Villous Explants. <i>American Journal of Pathology</i> , 2008, 172, 50-58.	1.9	55
10	Effect of <i>Maytenus ilicifolia</i> Mart. on pregnant mice. <i>Contraception</i> , 2002, 65, 171-175.	0.8	45
11	Hydrocephalus and arthrogryposis in an immunocompetent mouse model of ZIKA teratogeny: A developmental study. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005363.	1.3	43
12	Effect of <i>Toxoplasma gondii</i> Infection Kinetics on Trophoblast Cell Population in <i>Calomys callosus</i> , a Model of Congenital Toxoplasmosis. <i>Infection and Immunity</i> , 2002, 70, 7089-7094.	1.0	41
13	Phagocytosis as a potential mechanism for microbial defense of mouse placental trophoblast cells. <i>Reproduction</i> , 2004, 128, 207-218.	1.1	41
14	Inflammasome activation and IL-1 signaling during placental malaria induce poor pregnancy outcomes. <i>Science Advances</i> , 2020, 6, eaax6346.	4.7	40
15	Cryopreservation of <i>bos taurus</i> vs <i>bos indicus</i> embryos: are they really different?. <i>Theriogenology</i> , 2002, 57, 345-359.	0.9	37
16	Changes in the TNF-alpha/IL-10 ratio in hyperglycemia-associated pregnancies. <i>Diabetes Research and Clinical Practice</i> , 2015, 107, 362-369.	1.1	37
17	Trophoblast phagocytic program: roles in different placental systems. <i>International Journal of Developmental Biology</i> , 2010, 54, 495-505.	0.3	36
18	The term basal plate of the human placenta as a source of functional extravillous trophoblast cells. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 7.	1.4	36

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19	Differentiation-dependent expression of gelatinase B/matrix metalloproteinase-9 in trophoblast cells. <i>Cell and Tissue Research</i> , 1999, 295, 287-296.	1.5	34
20	Placental morphology of rats prenatally exposed to methyl parathion. <i>Experimental and Toxicologic Pathology</i> , 2004, 55, 489-496.	2.1	34
21	TLR4-Mediated Placental Pathology and Pregnancy Outcome in Experimental Malaria. <i>Scientific Reports</i> , 2017, 7, 8623.	1.6	33
22	Hyperglycemia induces inflammatory mediators in the human chorionic villous. <i>Cytokine</i> , 2018, 111, 41-48.	1.4	33
23	Modulation of the Induction of Lung and Airway Allergy in the Offspring of IFN- $\beta$ -Treated Mother Mice. <i>Journal of Immunology</i> , 2005, 175, 3554-3559.	0.4	32
24	Serum Amyloid A in the Placenta and Its Role in Trophoblast Invasion. <i>PLoS ONE</i> , 2014, 9, e90881.	1.1	30
25	DNA Damage and Its Cellular Response in Mother and Fetus Exposed to Hyperglycemic Environment. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	30
26	Post-implantation mouse embryos have the capability to generate and release reactive oxygen species. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1111.	0.1	29
27	Binucleate trophoblast giant cells in the water buffalo ( <i>Bubalus bubalis</i> ) placenta. <i>Journal of Morphology</i> , 2006, 267, 50-56.	0.6	29
28	Impact of chlorpyrifos on human villous trophoblasts and chorionic villi. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 26-39.	1.3	29
29	Regulation of Gene Expression in Mouse Trophoblast Cells by Interferon-gamma. <i>Placenta</i> , 2007, 28, 1059-1072.	0.7	27
30	<i>Calomys callosus</i> (Rodentia: Cricetidae) trophoblast cells as host cells to <i>Toxoplasma gondii</i> in early pregnancy. <i>Parasitology Research</i> , 1999, 85, 647-654.	0.6	26
31	Tissue distribution of quiescin Q6/sulfhydryl oxidase (QSOX) in developing mouse. <i>Journal of Molecular Histology</i> , 2008, 39, 217-225.	1.0	26
32	NADPH oxidase as an important source of reactive oxygen species at the mouse maternal-fetal interface: putative biological roles. <i>Reproductive BioMedicine Online</i> , 2012, 25, 31-43.	1.1	26
33	Placentation in the alpaca <i>Lama pacos</i> . <i>Anatomy and Embryology</i> , 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. <i>Journal of Endocrinology</i> , 2006, 190, 451-459.	1.2	24
35	ORIGINAL ARTICLE: Bcl-2 and Bax Expressions in Pre-term, Term and Post-term Placentas. <i>American Journal of Reproductive Immunology</i> , 2008, 60, 172-178.	1.2	22
36	Spatiotemporal patterns of macrophage migration inhibitory factor (Mif) expression in the mouse placenta. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 95.	1.4	22

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37	Induction of erythrophagocytic activity in cultured mouse trophoblast cells by phorbol myristate acetate and all-trans-retinal. <i>Placenta</i> , 1996, 17, 507-512.	0.7	21
38	Hyperglycemia Differentially Affects Maternal and Fetal DNA Integrity and DNA Damage Response. <i>International Journal of Biological Sciences</i> , 2016, 12, 466-477.	2.6	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. <i>Cells Tissues Organs</i> , 2011, 193, 417-425.	1.3	20
40	Review: Putative roles for the macrophage migratory inhibitory factor at the maternal fetal interface. <i>Placenta</i> , 2014, 35, S51-S56.	0.7	20
41	Interferon-gamma alters the phagocytic activity of the mouse trophoblast. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 34.	1.4	19
42	Endogenous annexin A1 (AnxA1) modulates early phase gestation and offspring sex ratio skewing. <i>Journal of Cellular Physiology</i> , 2018, 233, 6591-6603.	2.0	19
43	Developmental changes in the ploidy of mouse implanting trophoblast cells in vitro. <i>Histochemistry and Cell Biology</i> , 2003, 119, 189-198.	0.8	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. <i>Placenta</i> , 2016, 41, 27-38.	0.7	17
45	Role of the Macrophage Migration Inhibitory Factor (MIF) in the survival of first trimester human placenta under induced stress conditions. <i>Scientific Reports</i> , 2018, 8, 12150.	1.6	17
46	Decorin and biglycan immunolocalization in non-villous structures of healthy and pathological human placentas. <i>Histopathology</i> , 2014, 64, 616-625.	1.6	16
47	Peri-implantational in vivo and in vitro embryo-trophoblast development after perigestational alcohol exposure in the CD-1 mouse. <i>Drug and Chemical Toxicology</i> , 2014, 37, 184-197.	1.2	16
48	Stromal cell derived factor-2 (Sdf2): A novel protein expressed in mouse. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 262-270.	1.2	16
49	Histopathologic Changes in Placental Tissue Associated With Vertical Transmission of Zika Virus. <i>International Journal of Gynecological Pathology</i> , 2020, 39, 157-162.	0.9	16
50	Mitotic Polyploidization in Trophoblast Giant Cells of the Alpaca. <i>Cells Tissues Organs</i> , 2005, 181, 103-108.	1.3	15
51	Association of Malaria Infection During Pregnancy With Head Circumference of Newborns in the Brazilian Amazon. <i>JAMA Network Open</i> , 2019, 2, e193300.	2.8	15
52	The potential contribution of stromal cell-derived factor 2 (SDF2) in endoplasmic reticulum stress response in severe preeclampsia and labor-onset. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165386.	1.8	15
53	Tumorigenic Factor CRIPTO-1 Is Immunolocalized in Extravillous Cytotrophoblast in Placenta Creta. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	14
54	Growth of mouse ectoplacental cone cells in subcutaneous tissues. Development of placental-like cells. <i>American Journal of Anatomy</i> , 1991, 192, 382-399.	0.9	13

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55	Low oxygen tension induces KrÄ¼ppel-Like Factor 6 expression in trophoblast cells. <i>Placenta</i> , 2016, 45, 50-57.	0.7	12
56	Maternal Oxidative Stress, Placental Morphometry, and Fetal Growth in Diabetic Rats Exposed to Cigarette Smoke. <i>Reproductive Sciences</i> , 2019, 26, 1287-1293.	1.1	10
57	Exosome-Enriched Plasma Analysis as a Tool for the Early Detection of Hypertensive Gestations. <i>Frontiers in Physiology</i> , 2021, 12, 767112.	1.3	10
58	Trophoblastic invasion of the uterine epithelium in <i>Calomys callosus</i> (Rodentia, cricetidae). <i>Journal of Morphology</i> , 1994, 221, 139-152.	0.6	9
59	Stromal Cell-Derived Factor 2: A Novel Protein that Interferes in Endoplasmic Reticulum Stress Pathway in Human Placental Cells. <i>Biology of Reproduction</i> , 2016, 95, 41-41.	1.2	9
60	Signaling Molecules Involved in IFN-Î³-Inducible Nitric Oxide Synthase Expression in the Mouse Trophoblast. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 537-546.	1.2	8
61	Expression of NADPH Oxidase by Trophoblast Cells: Potential Implications for the Postimplanting Mouse Embryo1. <i>Biology of Reproduction</i> , 2012, 86, 56.	1.2	8
62	Placentation in the anteaters <i>Myrmecophaga tridactyla</i> and <i>Tamandua tetradactyla</i> (Eutheria,) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 462	1.4	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. <i>Current Vascular Pharmacology</i> , 2020, 19, 201-209.	0.8	6
65	Acid phosphatase and cathepsin D are active expressed enzymes in the placenta of the cat. <i>Research in Veterinary Science</i> , 2008, 84, 326-334.	0.9	5
66	Ectoplacental Cone Induces Resistance to Apoptosis in High Doses of Interferon (IFN)â€³â€¢Treated Decidual Cells. <i>American Journal of Reproductive Immunology</i> , 2012, 67, 73-83.	1.2	5
67	Indoleamine 2,3-dioxygenase (IDO) Activity in Placental Compartments of Renal-Transplanted Pregnant Women. <i>American Journal of Reproductive Immunology</i> , 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. <i>Frontiers in Physiology</i> , 2021, 12, 799653.	1.3	5
69	Distinct effects of short- and long-term type 1 diabetes to the placental extracellular matrix and fetal development in mice. <i>Placenta</i> , 2017, 53, 1-7.	0.7	4
70	The Impact of Immunosuppressive Drugs on Human Placental Explants. <i>Reproductive Sciences</i> , 2019, 26, 1225-1234.	1.1	4
71	The Rat Mammary Gland as a Novel Site of Expression of Melanin-Concentrating Hormone Receptor 1 mRNA and Its Protein Immunoreactivity. <i>Frontiers in Endocrinology</i> , 2020, 11, 463.	1.5	4
72	Yellow Fever Vaccination in a Mouse Model Is Associated With Uninterrupted Pregnancies and Viable Neonates Except When Administered at Implantation Period. <i>Frontiers in Microbiology</i> , 2020, 11, 245.	1.5	4

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73	The effect of Ipomoea carnea on maternal reproductive outcomes and fetal and postnatal development in rats. <i>Toxicol</i> , 2021, 190, 3-10.	0.8	4
74	Chemokine (Câ€C motif) ligand 25 expressed by trophoblast cells and leukocytes bearing its receptor Ccr9: An alliance during embryo implantation?. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12783.	1.2	4
75	Cytological aspects of vascular invasion by the trophoblast of <i>Calomys callosus</i> in hepatic tissues. <i>Journal of Morphology</i> , 1995, 226, 159-171.	0.6	3
76	Compartmentalization of pro-inflammatory cytokine levels in renal-transplanted pregnant women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 1468-1473.	0.7	3
77	Liver Damage Induced by Succinylacetone: A Shared Redox Imbalance Mechanism between Tyrosinemia and Hepatic Porphyrias. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
78	Environmental control of mammary carcinoma cell expansion by acidification and spheroid formation in vitro. <i>Scientific Reports</i> , 2020, 10, 21959.	1.6	3
79	Metastatic melanoma positively influences pregnancy outcome in a mouse model: could a deadly tumor support embryo life?. <i>Clinical and Experimental Metastasis</i> , 2008, 25, 65-73.	1.7	2
80	The impact of Zika virus exposure on the placental proteomic profile. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166270.	1.8	2
81	NADPH-diaphorase activity and nitric oxide synthase isoforms in the trophoblast of <i>Calomys callosus</i> . <i>Journal of Anatomy</i> , 2001, 198, 443-453.	0.9	1
82	Expression of angiogenic factors in placenta of stressed rats. <i>Reproduction, Fertility and Development</i> , 2012, 24, 851.	0.1	1
83	Subcutaneous injection of orally tolerated proteins in the mother disturbs embryo implantation in mice. <i>Placenta</i> , 2013, 34, A30.	0.7	1
84	Tribute to Dr Luis Fernando Bicudo Pereira Costa Rosa (GG). <i>Evidence-based Complementary and Alternative Medicine</i> , 2006, 3, 161-161.	0.5	0
85	Stromal cell derived factor 2: new insights of function. <i>Placenta</i> , 2013, 34, A99.	0.7	0
86	Ectoplacental Cone Isolation, Culture and Assessment. , 2014, , 505-528.		0
87	Mitochondria DNA damage in hyperglycemic-associated pregnancies. <i>Placenta</i> , 2014, 35, A30-A31.	0.7	0
88	Systemic effects of oral tolerance disturb placental development. <i>Placenta</i> , 2015, 36, 510.	0.7	0
89	CRIP1/3 modulates invasion of trophoblast HTR8/SV-neo cell lineage. <i>Placenta</i> , 2015, 36, A36.	0.7	0
90	The role of SDF2 (Stromal cell derived factor 2) in Cell Survival/Death Decision during Endoplasmic Reticulum Stress in Human Trophoblast cells. <i>Placenta</i> , 2017, 57, 257.	0.7	0

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91	Impact of Plasmodium berghei infection on autophagic profile and structure of mice placenta. Placenta, 2019, 83, e92.	0.7	0
92	Building an integrated gestational high-risk biobank for extracellular microvesicles investigation. Placenta, 2019, 83, e118.	0.7	0
93	Exogenous CRIPTO-1 increases proliferation of the trophoblast cell lineage HTR8/SV-neo. Placenta, 2019, 83, e118.	0.7	0
94	Exosome-enriched plasma analysis as a tool for the early detection of hypertensive gestations. Placenta, 2021, 112, e17.	0.7	0
95	Embriologia do PÃncreas 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.	0.9	0