

# 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	The impact of Zika virus exposure on the placental proteomic profile. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166270.	3.8	2
2	CRIPTO-1 Is Immunolocalized in the Syncytiotrophoblast of Ampullary Pregnancies. <i>BioMed Research International</i> , 2022, 2022, 1-8.	1.9	0
3	The effect of <i>Ipomoea carnea</i> on maternal reproductive outcomes and fetal and postnatal development in rats. <i>Toxicol</i> , 2021, 190, 3-10.	1.6	4
4	Exosome-enriched plasma analysis as a tool for the early detection of hypertensive gestations. <i>Placenta</i> , 2021, 112, e17.	1.5	0
5	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.	2.8	5
6	Exosome-Enriched Plasma Analysis as a Tool for the Early Detection of Hypertensive Gestations. <i>Frontiers in Physiology</i> , 2021, 12, 767112.	2.8	10
7	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.	3.8	15
8	Histopathologic Changes in Placental Tissue Associated With Vertical Transmission of Zika Virus. <i>International Journal of Gynecological Pathology</i> , 2020, 39, 157-162.	1.4	16
9	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.	3.5	4
10	Environmental control of mammary carcinoma cell expansion by acidification and spheroid formation in vitro. <i>Scientific Reports</i> , 2020, 10, 21959.	3.3	3
11	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.	3.5	4
12	Inflammasome activation and IL-1 signaling during placental malaria induce poor pregnancy outcomes. <i>Science Advances</i> , 2020, 6, eaax6346.	10.3	40
13	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.	1.7	6
14	Impact of <i>Plasmodium berghei</i> infection on autophagic profile and structure of mice placenta. <i>Placenta</i> , 2019, 83, e92.	1.5	0
15	Building an integrated gestational high-risk biobank for extracellular microvesicles investigation. <i>Placenta</i> , 2019, 83, e118.	1.5	0
16	Exogenous CRIPTO-1 increases proliferation of the trophoblast cell lineage HTR8/SV-neo. <i>Placenta</i> , 2019, 83, e118.	1.5	0
17	Association of Malaria Infection During Pregnancy With Head Circumference of Newborns in the Brazilian Amazon. <i>JAMA Network Open</i> , 2019, 2, e193300.	5.9	15
18	The Impact of Immunosuppressive Drugs on Human Placental Explants. <i>Reproductive Sciences</i> , 2019, 26, 1225-1234.	2.5	4

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19	Maternal Oxidative Stress, Placental Morphometry, and Fetal Growth in Diabetic Rats Exposed to Cigarette Smoke. <i>Reproductive Sciences</i> , 2019, 26, 1287-1293.	2.5	10
20	Endogenous annexin A1 (AnxA1) modulates early phase gestation and offspring sex ratio skewing. <i>Journal of Cellular Physiology</i> , 2018, 233, 6591-6603.	4.1	19
21	Hyperglycemia induces inflammatory mediators in the human chorionic villous. <i>Cytokine</i> , 2018, 111, 41-48.	3.2	33
22	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.	3.3	17
23	Chemokine (C-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
24	Impact of chlorpyrifos on human villous trophoblasts and chorionic villi. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 26-39.	2.8	29
25	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.	1.5	4
26	TLR4-Mediated Placental Pathology and Pregnancy Outcome in Experimental Malaria. <i>Scientific Reports</i> , 2017, 7, 8623.	3.3	33
27	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.	1.5	0
28	Hydrocephalus and arthrogyposis in an immunocompetent mouse model of ZIKA teratogeny: A developmental study. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005363.	3.0	43
29	Hyperglycemia Differentially Affects Maternal and Fetal DNA Integrity and DNA Damage Response. <i>International Journal of Biological Sciences</i> , 2016, 12, 466-477.	6.4	21
30	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.	1.5	17
31	Low oxygen tension induces KrÄ½ppel-Like Factor 6 expression in trophoblast cells. <i>Placenta</i> , 2016, 45, 50-57.	1.5	12
32	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.	2.7	9
33	Systemic effects of oral tolerance disturb placental development. <i>Placenta</i> , 2015, 36, 510.	1.5	0
34	Changes in the TNF-alpha/IL-10 ratio in hyperglycemia-associated pregnancies. <i>Diabetes Research and Clinical Practice</i> , 2015, 107, 362-369.	2.8	37
35	CRIP1/3 modulates invasion of trophoblast HTR8/SV-neo cell lineage. <i>Placenta</i> , 2015, 36, A36.	1.5	0
36	Ectoplacental Cone Isolation, Culture and Assessment. , 2014, , 505-528.		0

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37	Serum Amyloid A in the Placenta and Its Role in Trophoblast Invasion. PLoS ONE, 2014, 9, e90881.	2.5	30
38	Biology of the Ectoplacental Cone. , 2014, , 113-124.		6
39	Tumorigenic Factor CRIPTO-1 Is Immunolocalized in Extravillous Cytotrophoblast in Placenta Creta. BioMed Research International, 2014, 2014, 1-9.	1.9	14
40	DNA Damage and Its Cellular Response in Mother and Fetus Exposed to Hyperglycemic Environment. BioMed Research International, 2014, 2014, 1-9.	1.9	30
41	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
42	Review: Putative roles for the macrophage migratory inhibitory factor at the maternal fetal interface. Placenta, 2014, 35, S51-S56.	1.5	20
43	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
44	Decorin and biglycan immunolocalization in nonvillous structures of healthy and pathological human placentas. Histopathology, 2014, 64, 616-625.	2.9	16
45	Mitochondria DNA damage in hyperglycemic-associated pregnancies. Placenta, 2014, 35, A30-A31.	1.5	0
46	Peri-implantational in vivo and in vitro embryo-trophoblast development after perigestational alcohol exposure in the CD-1 mouse. Drug and Chemical Toxicology, 2014, 37, 184-197.	2.3	16
47	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
48	Subcutaneous injection of orally tolerated proteins in the mother disturbs embryo implantation in mice. Placenta, 2013, 34, A30.	1.5	1
49	Stromal cell derived factor 2: new insights of function. Placenta, 2013, 34, A99.	1.5	0
50	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
51	LPS Exposure Increases Maternal Corticosterone Levels, Causes Placental Injury and Increases IL-1 $\beta$ Levels in Adult Rat Offspring: Relevance to Autism. PLoS ONE, 2013, 8, e82244.	2.5	80
52	Expression of NADPH Oxidase by Trophoblast Cells: Potential Implications for the Postimplanting Mouse Embryo. Biology of Reproduction, 2012, 86, 56.	2.7	8
53	Expression of angiogenic factors in placenta of stressed rats. Reproduction, Fertility and Development, 2012, 24, 851.	0.4	1
54	NADPH oxidase as an important source of reactive oxygen species at the mouse maternal-fetal interface: putative biological roles. Reproductive BioMedicine Online, 2012, 25, 31-43.	2.4	26

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55	Placentation in the anteaters <i>Myrmecophaga tridactyla</i> and <i>Tamandua tetradactyla</i> (Eutheria). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 107</i>	3.35	7
56	Ectoplacental Cone Induces Resistance to Apoptosis in High Doses of Interferon (IFN) $\alpha$ 3-Treated Decidual Cells. <i>American Journal of Reproductive Immunology</i> , 2012, 67, 73-83.	1.2	5
57	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.	2.3	20
58	Vascular endothelial growth factor (VEGF) and VEGF-receptor expression in placenta of hyperglycemic pregnant women. <i>Placenta</i> , 2010, 31, 770-780.	1.5	56
59	Trophoblast phagocytic program: roles in different placental systems. <i>International Journal of Developmental Biology</i> , 2010, 54, 495-505.	0.6	36
60	Obesity induced by high-fat diet promotes insulin resistance in the ovary. <i>Journal of Endocrinology</i> , 2010, 206, 65-74.	2.6	83
61	Spatiotemporal patterns of macrophage migration inhibitory factor (Mif) expression in the mouse placenta. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 95.	3.3	22
62	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.	3.3	2
63	Tissue distribution of quiescin Q6/sulfhydryl oxidase (QSOX) in developing mouse. <i>Journal of Molecular Histology</i> , 2008, 39, 217-225.	2.2	26
64	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
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.	1.9	5
66	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.	3.8	55
67	Signaling Molecules Involved in IFN- $\beta$ -Inducible Nitric Oxide Synthase Expression in the Mouse Trophoblast. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 537-546.	1.2	8
68	Regulation of Gene Expression in Mouse Trophoblast Cells by Interferon-gamma. <i>Placenta</i> , 2007, 28, 1059-1072.	1.5	27
69	Changes in apoptosis and Bcl-2 expression in human hyperglycemic, term placental trophoblast. <i>Diabetes Research and Clinical Practice</i> , 2006, 73, 143-149.	2.8	62
70	Tribute to Dr Luis Fernando Bicudo Pereira Costa Rosa (GG). <i>Evidence-based Complementary and Alternative Medicine</i> , 2006, 3, 161-161.	1.2	0
71	Binucleate trophoblast giant cells in the water buffalo ( <i>Bubalus bubalis</i> ) placenta. <i>Journal of Morphology</i> , 2006, 267, 50-56.	1.2	29
72	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.	2.6	24

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73	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.	0.8	32
74	Mitotic Polyploidization in Trophoblast Giant Cells of the Alpaca. <i>Cells Tissues Organs</i> , 2005, 181, 103-108.	2.3	15
75	Interferon-gamma alters the phagocytic activity of the mouse trophoblast. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 34.	3.3	19
76	Phagocytosis as a potential mechanism for microbial defense of mouse placental trophoblast cells. <i>Reproduction</i> , 2004, 128, 207-218.	2.6	41
77	Placental morphology of rats prenatally exposed to methyl parathion. <i>Experimental and Toxicologic Pathology</i> , 2004, 55, 489-496.	2.1	34
78	Developmental changes in the ploidy of mouse implanting trophoblast cells in vitro. <i>Histochemistry and Cell Biology</i> , 2003, 119, 189-198.	1.7	17
79	Placentation in the alpaca <i>Lama pacos</i> . <i>Anatomy and Embryology</i> , 2003, 207, 45-62.	1.5	25
80	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.	2.2	41
81	Cryopreservation of <i>bos taurus</i> vs <i>bos indicus</i> embryos: are they really different?. <i>Theriogenology</i> , 2002, 57, 345-359.	2.1	37
82	Effect of <i>Maytenus ilicifolia</i> Mart. on pregnant mice. <i>Contraception</i> , 2002, 65, 171-175.	1.5	45
83	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.	1.5	1
84	Participation of the Mouse Implanting Trophoblast in Nitric Oxide Production During Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 260-268.	2.7	76
85	<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.	1.6	26
86	Differentiation-dependent expression of gelatinase B/matrix metalloproteinase-9 in trophoblast cells. <i>Cell and Tissue Research</i> , 1999, 295, 287-296.	2.9	34
87	Nitric oxide modulates eosinophil infiltration in antigen-induced airway inflammation in rats. <i>European Journal of Pharmacology</i> , 1998, 358, 253-259.	3.5	55
88	The role of polymorphonuclear leukocytes in the resistance to cutaneous Leishmaniasis. <i>Immunology Letters</i> , 1998, 64, 145-151.	2.5	66
89	Induction of erythrophagocytic activity in cultured mouse trophoblast cells by phorbol myristate acetate and all-trans-retinal. <i>Placenta</i> , 1996, 17, 507-512.	1.5	21
90	Post-implantation mouse embryos have the capability to generate and release reactive oxygen species. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1111.	0.4	29

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91	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.	1.2	3
92	Trophoblastic invasion of the uterine epithelium in <i>Calomys callosus</i> (Rodentia, cricetidae). <i>Journal of Morphology</i> , 1994, 221, 139-152.	1.2	9
93	Growth of mouse ectoplacental cone cells in subcutaneous tissues. Development of placental-like cells. <i>American Journal of Anatomy</i> , 1991, 192, 382-399.	1.0	13
94	Collagen remodeling during decidualization in the mouse. <i>Cell and Tissue Research</i> , 1986, 244, 443-8.	2.9	56
95	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
96	Embriologia do PÃncreas e Sistema Hepatobiliar. , 0, , 179-196.		0