

# Susan J Fisher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1314735/publications.pdf>

Version: 2024-02-01

129  
papers

20,860  
citations

23567

58  
h-index

16650

123  
g-index

133  
all docs

133  
docs citations

133  
times ranked

30145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unbiased Approaches for Addressing the Complexities of the Placenta's Role in the Preeclampsia Syndrome. , 2022, , 117-129.		0
2	Vedolizumab Antagonizes MAdCAM-1-Dependent Human Placental Cytotrophoblast Adhesion and Invasion<i>In Vitro</i>. Inflammatory Bowel Diseases, 2022, 28, 1219-1228.	1.9	6
3	Bisphenol A replacement chemicals, BPF and BPS, induce protumorigenic changes in human mammary gland organoid morphology and proteome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115308119.	7.1	21
4	Organophosphate Flame Retardants, Highly Fluorinated Chemicals, and Biomarkers of Placental Development and Disease During Mid-Gestation. Toxicological Sciences, 2021, 181, 215-228.	3.1	22
5	Human placental cytotrophoblast epigenome dynamics over gestation and alterations in placental disease. Developmental Cell, 2021, 56, 1238-1252.e5.	7.0	29
6	Global proteomic analyses of human cytotrophoblast differentiation/invasion. Development (Cambridge), 2021, 148, .	2.5	5
7	The Placenta â€” Fast, Loose, and in Control. New England Journal of Medicine, 2021, 385, 87-89.	27.0	4
8	RNA profiling of laser microdissected human trophoblast subtypes at mid-gestation reveals a role for cannabinoid signaling in invasion. Development (Cambridge), 2021, 148, .	2.5	5
9	Discordant Zika Virus Findings in Twin Pregnancies Complicated by Antenatal Zika Virus Exposure: A Prospective Cohort. Journal of Infectious Diseases, 2020, 221, 1838-1845.	4.0	10
10	Cytotrophoblast extracellular vesicles enhance decidual cell secretion of immune modulators via TNF-alpha. Development (Cambridge), 2020, 147, .	2.5	12
11	Racial/ethnic and geographic differences in polybrominated diphenyl ether (PBDE) levels across maternal, placental, and fetal tissues during mid-gestation. Scientific Reports, 2020, 10, 12247.	3.3	22
12	Gravidity-dependent associations between interferon response and birth weight in placental malaria. Malaria Journal, 2020, 19, 280.	2.3	5
13	Up-regulated cytotrophoblast DOCK4 contributes to over-invasion in placenta accreta spectrum. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15852-15861.	7.1	19
14	Association of polybrominated diphenyl ether (PBDE) levels with biomarkers of placental development and disease during mid-gestation. Environmental Health, 2020, 19, 61.	4.0	13
15	Trisomy 21 is Associated with Caspase-2 Upregulation in Cytotrophoblasts at the Maternal-Fetal Interface. Reproductive Sciences, 2020, 27, 100-109.	2.5	0
16	Reply. Gastroenterology, 2019, 157, 1435-1436.	1.3	0
17	Differential Activation of Fetal Hofbauer Cells in Primigravidas Is Associated with Decreased Birth Weight in Symptomatic Placental Malaria. Malaria Research and Treatment, 2019, 2019, 1-10.	2.0	13
18	Menstrual cycle-dependent alterations in glycosylation: a roadmap for defining biomarkers of favorable and unfavorable mucus. Journal of Assisted Reproduction and Genetics, 2019, 36, 847-855.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Placental Structure in Preterm Birth Among HIV-Positive Versus HIV-Negative Women in Kenya. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2019, 80, 94-102.	2.1	25
20	Genomic Profiling of BDE-47 Effects on Human Placental Cytotrophoblasts. <i>Toxicological Sciences</i> , 2019, 167, 211-226.	3.1	32
21	Hormone receptor expression of colorectal cancer diagnosed during the peri-partum period. <i>Endocrine Connections</i> , 2019, 8, 1149-1158.	1.9	5
22	Altered downstream target gene expression of the placental Vitamin D receptor in human idiopathic fetal growth restriction. <i>Cell Cycle</i> , 2018, 17, 182-190.	2.6	7
23	Large Differences in Small RNA Composition Between Human Biofluids. <i>Cell Reports</i> , 2018, 25, 1346-1358.	6.4	163
24	Reply to Liu et al.: Decidualization defect in severe preeclampsia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7656-E7657.	7.1	1
25	Severe preeclampsia is associated with alterations in cytotrophoblasts of the smooth chorion. <i>Development (Cambridge)</i> , 2017, 144, 767-777.	2.5	27
26	Alterations in the Salivary Proteome and N-Glycome of Sjögren's Syndrome Patients. <i>Journal of Proteome Research</i> , 2017, 16, 1693-1705.	3.7	18
27	The human chorion contains definitive hematopoietic stem cells from the 15th week of gestation. <i>Development (Cambridge)</i> , 2017, 144, 1399-1411.	2.5	16
28	Transcriptional Dynamics of Cultured Human Villous Cytotrophoblasts. <i>Endocrinology</i> , 2017, 158, 1581-1594.	2.8	25
29	Preeclampsia: novel insights from global RNA profiling of trophoblast subpopulations. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 200.e1-200.e17.	1.3	73
30	Defective decidualization during and after severe preeclampsia reveals a possible maternal contribution to the etiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8468-E8477.	7.1	230
31	Placental transcriptomes in the common aneuploidies reveal critical regions on the trisomic chromosomes and genome-wide effects. <i>Prenatal Diagnosis</i> , 2016, 36, 812-822.	2.3	10
32	Bacterial Interactomes: Interacting Protein Partners Share Similar Function and Are Validated in Independent Assays More Frequently Than Previously Reported. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1539-1555.	3.8	16
33	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
34	Novel aspects of sialoglycan recognition by the Siglec-like domains of streptococcal SRR glycoproteins. <i>Glycobiology</i> , 2016, 26, cww042.	2.5	55
35	Quantitative proteomic analyses of mammary organoids reveals distinct signatures after exposure to environmental chemicals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1343-51.	7.1	45
36	Preeclampsia and Inflammatory Preterm Labor Alter the Human Placental Hematopoietic Niche. <i>Reproductive Sciences</i> , 2016, 23, 1179-1192.	2.5	10

#	ARTICLE	IF	CITATIONS
37	Mass spectrometry-based analyses showing the effects of secretor and blood group status on salivary N-glycosylation. <i>Clinical Proteomics</i> , 2015, 12, 29.	2.1	9
38	Integrative analysis of 111 reference human epigenomes. <i>Nature</i> , 2015, 518, 317-330.	27.8	5,653
39	Protein Biomarkers for Detecting Cancer. , 2015, , 331-346.e5.		0
40	Evaluating the effects of preanalytical variables on the stability of the human plasma proteome. <i>Analytical Biochemistry</i> , 2015, 478, 14-22.	2.4	50
41	Why is placentation abnormal in preeclampsia?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S115-S122.	1.3	469
42	Human stem cells from single blastomeres reveal pathways of Embryonic or trophoblast fate specification. <i>Development (Cambridge)</i> , 2015, 142, 4010-25.	2.5	62
43	Placenta: The Forgotten Organ. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 523-552.	9.4	343
44	The Placenta in Normal Pregnancy and Preeclampsia. , 2015, , 81-112.		5
45	Urine, peritoneal fluid and omental fat proteomes of reproductive age women: Endometriosis-related changes and associations with endocrine disrupting chemicals. <i>Journal of Proteomics</i> , 2015, 113, 194-205.	2.4	24
46	Rbpj links uterine transformation and embryo orientation. <i>Cell Research</i> , 2014, 24, 1031-1032.	12.0	3
47	Preterm labor: One syndrome, many causes. <i>Science</i> , 2014, 345, 760-765.	12.6	1,478
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.	2.8	16
49	Elucidation of N-Glycosites Within Human Plasma Glycoproteins for Cancer Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2013, 951, 307-322.	0.9	9
50	50: Genomic profiles in common aneuploidies: a combination of dose effects and whole genome misregulation. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, S30.	1.3	1
51	Human Trophoblast Progenitors: Where Do They Reside?. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 056-061.	1.1	17
52	Histopathologies, Immunolocalization, and a Glycan Binding Screen Provide Insights into Plasmodium falciparum Interactions with the Human Placenta. <i>Biology of Reproduction</i> , 2013, 88, 154-154.	2.7	21
53	Maternal Decidual Macrophages Inhibit NK Cell Killing of Invasive Cytotrophoblasts During Human Pregnancy. <i>Biology of Reproduction</i> , 2013, 88, 155-155.	2.7	108
54	Polysialic acid enhances the migration and invasion of human cytotrophoblasts. <i>Glycobiology</i> , 2013, 23, 593-602.	2.5	25

#	ARTICLE	IF	CITATIONS
55	Robert G. Edwards (1925–2013). <i>Science</i> , 2013, 340, 825-825.	12.6	2
56	Reversal of gene dysregulation in cultured cytotrophoblasts reveals possible causes of preeclampsia. <i>Journal of Clinical Investigation</i> , 2013, 123, 2862-2872.	8.2	112
57	Lectin Chromatography/Mass Spectrometry Discovery Workflow Identifies Putative Biomarkers of Aggressive Breast Cancers. <i>Journal of Proteome Research</i> , 2012, 11, 2508-2520.	3.7	49
58	The impact of preeclampsia on gene expression at the maternal–fetal interface. <i>Pregnancy Hypertension</i> , 2011, 1, 100-108.	1.4	31
59	GRO1± regulates human embryonic stem cell self-renewal or adoption of a neuronal fate. <i>Differentiation</i> , 2011, 81, 222-232.	1.9	32
60	Pre-eclampsia is associated with elevated CXCL12 levels in placental syncytiotrophoblasts and maternal blood. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 157, 32-37.	1.1	33
61	Human placenta and chorion: potential additional sources of hematopoietic stem cells for transplantation. <i>Transfusion</i> , 2011, 51, 94S-105S.	1.6	24
62	Establishment of Human Trophoblast Progenitor Cell Lines from the Chorion. <i>Stem Cells</i> , 2011, 29, 1427-1436.	3.2	103
63	A lectin affinity workflow targeting glycosite-specific, cancer-related carbohydrate structures in trypsin-digested human plasma. <i>Analytical Biochemistry</i> , 2011, 408, 71-85.	2.4	59
64	A role for Notch signaling in trophoblast endovascular invasion and in the pathogenesis of pre-eclampsia. <i>Development (Cambridge)</i> , 2011, 138, 2987-2998.	2.5	139
65	Trophoblast Stem Cells1. <i>Biology of Reproduction</i> , 2011, 84, 412-421.	2.7	142
66	Transcriptomic Signature of Trophoblast Differentiation in a Human Embryonic Stem Cell Model1. <i>Biology of Reproduction</i> , 2011, 84, 1258-1271.	2.7	97
67	Sweetening the Pot: Adding Glycosylation to the Biomarker Discovery Equation. <i>Clinical Chemistry</i> , 2010, 56, 223-236.	3.2	274
68	The placenta: transcriptional, epigenetic, and physiological integration during development. <i>Journal of Clinical Investigation</i> , 2010, 120, 1016-1025.	8.2	237
69	Severe Preeclampsia-Related Changes in Gene Expression at the Maternal-Fetal Interface Include Sialic Acid-Binding Immunoglobulin-Like Lectin-6 and Pappalysin-2. <i>Endocrinology</i> , 2009, 150, 452-462.	2.8	163
70	A Lectin HPLC Method to Enrich Selectively-glycosylated Peptides from Complex Biological Samples. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	6
71	Human Embryonic Stem Cell Lines Generated without Embryo Destruction. <i>Cell Stem Cell</i> , 2008, 2, 113-117.	11.1	217
72	Chapter 12 Placental Remodeling of the Uterine Vasculature. <i>Methods in Enzymology</i> , 2008, 445, 281-302.	1.0	55

#	ARTICLE	IF	CITATIONS
73	Differentiation of the invasive cytotrophoblast lineage in normal pregnancy and in preeclampsia. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008, , 454-465.	0.1	0
74	Gene Expression Profiling of the Human Maternal-Fetal Interface Reveals Dramatic Changes between Midgestation and Term. <i>Endocrinology</i> , 2007, 148, 1059-1079.	2.8	162
75	HCMV: persistence in the population: potential transplacental transmission. , 2007, , 814-830.		4
76	Disruption of Apical-Basal Polarity of Human Embryonic Stem Cells Enhances Hematoendothelial Differentiation. <i>Stem Cells</i> , 2007, 25, 2215-2223.	3.2	54
77	Comparative analysis of maternal-fetal interface in preeclampsia and preterm labor. <i>Cell and Tissue Research</i> , 2007, 329, 559-569.	2.9	31
78	A role for the L-selectin adhesion system in mediating cytotrophoblast emigration from the placenta. <i>Developmental Biology</i> , 2006, 298, 107-117.	2.0	53
79	MUC1 Is a Scaffold for Selectin Ligands in the Human Uterus. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2903.	3.0	52
80	Nicotine downregulates the l-selectin system that mediates cytotrophoblast emigration from cell columns and attachment to the uterine wall. <i>Reproductive Toxicology</i> , 2006, 22, 69-76.	2.9	19
81	Cytotrophoblast induction of arterial apoptosis and lymphangiogenesis in an in vivo model of human placentation. <i>Journal of Clinical Investigation</i> , 2006, 116, 2643-2652.	8.2	106
82	Hypoxia-inducible factor-dependent histone deacetylase activity determines stem cell fate in the placenta. <i>Development (Cambridge)</i> , 2005, 132, 3393-3403.	2.5	150
83	Serum-free derivation of human embryonic stem cell lines on human placental fibroblast feeders. <i>Fertility and Sterility</i> , 2005, 83, 1517-1529.	1.0	189
84	Highly Glycosylated Human Salivary Molecules Present Oligosaccharides That Mediate Adhesion of Leukocytes and Helicobacter pylori. <i>Biochemistry</i> , 2005, 44, 2216-2224.	2.5	37
85	Human cytotrophoblasts acquire aneuploidies as they differentiate to an invasive phenotype. <i>Developmental Biology</i> , 2005, 279, 420-432.	2.0	88
86	EPHB4 regulates chemokine-evoked trophoblast responses: a mechanism for incorporating the human placenta into the maternal circulation. <i>Development (Cambridge)</i> , 2005, 132, 4097-4106.	2.5	107
87	Abnormal placentation and the syndrome of preeclampsia. <i>Seminars in Nephrology</i> , 2004, 24, 540-547.	1.6	110
88	Viral and Bacterial Pathogens at the Maternal-Fetal Interface. <i>Journal of Infectious Diseases</i> , 2004, 190, 826-834.	4.0	108
89	Trisomy 21 is associated with variable defects in cytotrophoblast differentiation along the invasive pathway. <i>American Journal of Medical Genetics Part A</i> , 2004, 130A, 354-364.	2.4	50
90	Reciprocal chemokine receptor and ligand expression in the human placenta: Implications for cytotrophoblast differentiation. <i>Developmental Dynamics</i> , 2004, 229, 877-885.	1.8	61

#	ARTICLE	IF	CITATIONS
91	The placental problem: linking abnormal cytotrophoblast differentiation to the maternal symptoms of preeclampsia. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 53.	3.3	176
92	Human Cytomegalovirus Interleukin-10 Downregulates Metalloproteinase Activity and Impairs Endothelial Cell Migration and Placental Cytotrophoblast Invasiveness In Vitro. <i>Journal of Virology</i> , 2004, 78, 2831-2840.	3.4	125
93	Trophoblast differentiation during embryo implantation and formation of the maternal-fetal interface. <i>Journal of Clinical Investigation</i> , 2004, 114, 744-754.	8.2	568
94	Abnormal placentation and the syndrome of preeclampsia. <i>Seminars in Nephrology</i> , 2004, 24, 540-547.	1.6	61
95	Trophoblast differentiation during embryo implantation and formation of the maternal-fetal interface. <i>Journal of Clinical Investigation</i> , 2004, 114, 744-754.	8.2	381
96	The Human Placenta Remodels the Uterus by Using a Combination of Molecules That Govern Vasculogenesis or Leukocyte Extravasation. <i>Annals of the New York Academy of Sciences</i> , 2003, 995, 73-83.	3.8	80
97	Human cytotrophoblasts promote endothelial survival and vascular remodeling through secretion of Ang2, PlGF, and VEGF-C. <i>Developmental Biology</i> , 2003, 263, 114-125.	2.0	124
98	Human Cytomegalovirus Transmission from the Uterus to the Placenta Correlates with the Presence of Pathogenic Bacteria and Maternal Immunity. <i>Journal of Virology</i> , 2003, 77, 13301-13314.	3.4	108
99	Trophoblast L-Selectin-Mediated Adhesion at the Maternal-Fetal Interface. <i>Science</i> , 2003, 299, 405-408.	12.6	437
100	The salivary mucin MG1 (MUC5B) carries a repertoire of unique oligosaccharides that is large and diverse. <i>Glycobiology</i> , 2002, 12, 1-14.	2.5	117
101	Vascular Endothelial Growth Factor Ligands and Receptors That Regulate Human Cytotrophoblast Survival Are Dysregulated in Severe Preeclampsia and Hemolysis, Elevated Liver Enzymes, and Low Platelets Syndrome. <i>American Journal of Pathology</i> , 2002, 160, 1405-1423.	3.8	575
102	Transmission of Human Cytomegalovirus from Infected Uterine Microvascular Endothelial Cells to Differentiating/Invasive Placental Cytotrophoblasts. <i>Virology</i> , 2002, 304, 53-69.	2.4	87
103	Chemokine expression and function at the human maternal-fetal interface. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002, 3, 159-165.	5.7	17
104	Implantation and the Survival of Early Pregnancy. <i>New England Journal of Medicine</i> , 2001, 345, 1400-1408.	27.0	1,033
105	Plasma Membrane-Associated pY397FAK Is a Marker of Cytotrophoblast Invasion In Vivo and In Vitro. <i>American Journal of Pathology</i> , 2001, 159, 93-108.	3.8	86
106	Chemokine Ligand and Receptor Expression in the Pregnant Uterus. <i>American Journal of Pathology</i> , 2001, 159, 2199-2213.	3.8	143
107	Functional Proteomics: Examining the Effects of Hypoxia on the Cytotrophoblast Protein Repertoire. <i>Biochemistry</i> , 2001, 40, 4077-4086.	2.5	116
108	Human Placental Cytotrophoblasts Attract Monocytes and Cd56bright Natural Killer Cells via the Actions of Monocyte Inflammatory Protein 1 $\alpha$ . <i>Journal of Experimental Medicine</i> , 2001, 193, 1199-1212.	8.5	155

#	ARTICLE	IF	CITATIONS
109	The glial cells missing-1 protein is essential for branching morphogenesis in the chorioallantoic placenta. <i>Nature Genetics</i> , 2000, 25, 311-314.	21.4	388
110	The Placenta Dilemma. <i>Seminars in Reproductive Medicine</i> , 2000, 18, 321-326.	1.1	25
111	Human Cytomegalovirus Infection of Placental Cytotrophoblasts In Vitro and In Utero: Implications for Transmission and Pathogenesis. <i>Journal of Virology</i> , 2000, 74, 6808-6820.	3.4	319
112	A Repertoire of Cell Cycle Regulators Whose Expression Is Coordinated with Human Cytotrophoblast Differentiation. <i>American Journal of Pathology</i> , 2000, 157, 1337-1351.	3.8	82
113	Invasive cytotrophoblast apoptosis in pre-eclampsia. <i>Human Reproduction</i> , 1999, 14, 59-66.	0.9	91
114	A repertoire of differentially expressed transcription factors that offers insight into mechanisms of human cytotrophoblast differentiation. , 1999, 25, 146-157.		99
115	Preeclampsia Is Associated with Widespread Apoptosis of Placental Cytotrophoblasts within the Uterine Wall. <i>American Journal of Pathology</i> , 1999, 155, 293-301.	3.8	322
116	IL-10 Is an Autocrine Inhibitor of Human Placental Cytotrophoblast MMP-9 Production and Invasion. <i>Developmental Biology</i> , 1999, 205, 194-204.	2.0	148
117	Trophoblast pseudo-vasculogenesis: faking it with endothelial adhesion receptors. <i>Current Opinion in Cell Biology</i> , 1998, 10, 660-666.	5.4	235
118	Human Low-Molecular-Weight Salivary Mucin Expresses the Sialyl Lewisx Determinant and Has L-Selectin Ligand Activity. <i>Biochemistry</i> , 1998, 37, 4916-4927.	2.5	58
119	Complementary Expression of Hip, a Cell-surface Heparan Sulfate Binding Protein, and Perlecan at the Human Fetal-Maternal Interface1. <i>Biology of Reproduction</i> , 1998, 58, 1075-1083.	2.7	39
120	Cloning and regulated expression of the <i>Candida albicans</i> phospholipase B (PLB1) gene. <i>FEMS Microbiology Letters</i> , 1998, 167, 163-169.	1.8	2
121	Regulation of Human Placental Development by Oxygen Tension. <i>Science</i> , 1997, 277, 1669-1672.	12.6	835
122	Tissue inhibitor of metalloproteinase-3 expression is upregulated during human cytotrophoblast invasion in vitro. <i>Genesis</i> , 1997, 21, 61-67.	2.1	57
123	Human Trophoblast Invasion.. <i>Annals of the New York Academy of Sciences</i> , 1994, 734, 122-131.	3.8	36
124	Human cytotrophoblast invasion is up-regulated by epidermal growth factor: Evidence that paracrine factors modify this process. <i>Developmental Biology</i> , 1994, 164, 550-561.	2.0	222
125	Increased depth of trophoblast invasion after chronic constriction of the lower aorta in rhesus monkeys. <i>American Journal of Obstetrics and Gynecology</i> , 1993, 169, 224-229.	1.3	64
126	Extracellular matrix 5: Adhesive interactions in early mammalian embryogenesis, implantation, and placentation. <i>FASEB Journal</i> , 1993, 7, 1320-1329.	0.5	196



#	ARTICLE	IF	CITATIONS
127	Effect of plasma on composition of human enamel and cementum pellicle. European Journal of Oral Sciences, 1990, 98, 461-471.	1.5	2
128	Degradation of extracellular matrix by the trophoblastic cells of first-trimester human placentas. Journal of Cellular Biochemistry, 1985, 27, 31-41.	2.6	114
129	Regionally distinct trophoblast regulate barrier function and invasion in the human placenta. ELife, 0, 11, .	6.0	17