

Yoel Sadosky

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

12,622
citations

16437

64
h-index

28275

105
g-index

184
all docs

184
docs citations

184
times ranked

13956
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of exosomes from whole blood by integrating acoustics and microfluidics. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10584-10589.	3.3	633
2	Type III Interferons Produced by Human Placental Trophoblasts Confer Protection against Zika Virus Infection. Cell Host and Microbe, 2016, 19, 705-712.	5.1	464
3	Luteinizing Hormone Deficiency and Female Infertility in Mice Lacking the Transcription Factor NGFI-A (Egr-1). Science, 1996, 273, 1219-1221.	6.0	454
4	Mice deficient in the orphan receptor steroidogenic factor 1 lack adrenal glands and gonads but express P450 side-chain-cleavage enzyme in the placenta and have normal embryonic serum levels of corticosteroids.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 10939-10943.	3.3	430
5	Human placental trophoblasts confer viral resistance to recipient cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12048-12053.	3.3	398
6	The biology of extracellular vesicles: The known unknowns. PLoS Biology, 2019, 17, e3000363.	2.6	345
7	Nuclear Receptor DAX-1 Recruits Nuclear Receptor Corepressor N-CoR to Steroidogenic Factor 1. Molecular and Cellular Biology, 1998, 18, 2949-2956.	1.1	311
8	The expression profile of C19MC microRNAs in primary human trophoblast cells and exosomes. Molecular Human Reproduction, 2012, 18, 417-424.	1.3	288
9	Microbial Vertical Transmission during Human Pregnancy. Cell Host and Microbe, 2017, 21, 561-567.	5.1	280
10	Apoptosis in human cultured trophoblasts is enhanced by hypoxia and diminished by epidermal growth factor. American Journal of Physiology - Cell Physiology, 2000, 278, C982-C988.	2.1	188
11	Trophoblast apoptosis from pregnancies complicated by fetal growth restriction is associated with enhanced p53 expression. American Journal of Obstetrics and Gynecology, 2002, 186, 1056-1061.	0.7	177
12	Peroxisome Proliferator-Activated Receptor- γ 3 Modulates Differentiation of Human Trophoblast in a Ligand-Specific Manner1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3874-3881.	1.8	173
13	Phospholipase iPLA2 β averts ferroptosis by eliminating a redox lipid death signal. Nature Chemical Biology, 2021, 17, 465-476.	3.9	168
14	MicroRNAs in placental health and disease. American Journal of Obstetrics and Gynecology, 2015, 213, S163-S172.	0.7	165
15	Review: Placenta-specific microRNAs in exosomes “ Good things come in nano-packages. Placenta, 2014, 35, S69-S73.	0.7	164
16	Activation of Luteinizing Hormone β 2 Gene by Gonadotropin-releasing Hormone Requires the Synergy of Early Growth Response-1 and Steroidogenic Factor-1. Journal of Biological Chemistry, 1999, 274, 13870-13876.	1.6	156
17	Transcriptional Activators Differ in Their Responses to Overexpression of TATA-Box-Binding Protein. Molecular and Cellular Biology, 1995, 15, 1554-1563.	1.1	154
18	Vulnerability of primitive human placental trophoblast to Zika virus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1587-E1596.	3.3	152

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19	Estrogen modulates estrogen receptor α and β expression, osteogenic activity, and apoptosis in mesenchymal stem cells (MSCs) of osteoporotic mice. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 144-155.	1.2	150
20	The correlation between sampling site and gene expression in the term human placenta. <i>Placenta</i> , 2005, 26, 372-379.	0.7	148
21	Screening Bioactives Reveals Nanchangmycin as a Broad Spectrum Antiviral Active against Zika Virus. <i>Cell Reports</i> , 2017, 18, 804-815.	2.9	144
22	Adrenocortical Function and Regulation of the Steroid 21-Hydroxylase Gene in NGFI-B-Deficient Mice. <i>Molecular and Cellular Biology</i> , 1995, 15, 4331-4336.	1.1	143
23	The levels of hypoxia-regulated microRNAs in plasma of pregnant women with fetal growth restriction. <i>Placenta</i> , 2010, 31, 781-784.	0.7	143
24	Peroxisome Proliferator-Activated Receptor- δ and Retinoid X Receptor Signaling Regulate Fatty Acid Uptake by Primary Human Placental Trophoblasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4267-4275.	1.8	142
25	Comparison of syncytiotrophoblast generated from human embryonic stem cells and from term placentas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2598-607.	3.3	142
26	Pyroptosis is a critical inflammatory pathway in the placenta from early onset preeclampsia and in human trophoblasts exposed to hypoxia and endoplasmic reticulum stressors. <i>Cell Death and Disease</i> , 2019, 10, 927.	2.7	138
27	Prevention of preterm birth: Harnessing science to address the global epidemic. <i>Science Translational Medicine</i> , 2014, 6, 262sr5.	5.8	134
28	Perinatal Outcomes and Unconventional Natural Gas Operations in Southwest Pennsylvania. <i>PLoS ONE</i> , 2015, 10, e0126425.	1.1	126
29	The expression of Argonaute2 and related microRNA biogenesis proteins in normal and hypoxic trophoblasts. <i>Molecular Human Reproduction</i> , 2007, 13, 273-279.	1.3	123
30	Nuclear Receptor Steroidogenic Factor 1 Directs Embryonic Stem Cells toward the Steroidogenic Lineage. <i>Molecular and Cellular Biology</i> , 1997, 17, 3997-4006.	1.1	122
31	N-Myc Down-regulated Gene 1 Modulates the Response of Term Human Trophoblasts to Hypoxic Injury. <i>Journal of Biological Chemistry</i> , 2006, 281, 2764-2772.	1.6	122
32	Hypoxia limits differentiation and up-regulates expression and activity of prostaglandin H synthase 2 in cultured trophoblast from term human placenta. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 180, 896-902.	0.7	119
33	MiR-205 silences MED1 in hypoxic primary human trophoblasts. <i>FASEB Journal</i> , 2010, 24, 2030-2039.	0.2	117
34	Formation and size distribution of self-assembled vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2910-2915.	3.3	113
35	Fatty Acid Binding Protein 4 Regulates Intracellular Lipid Accumulation in Human Trophoblasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1083-E1091.	1.8	105
36	Microarray-based identification of differentially expressed genes in hypoxic term human trophoblasts and in placental villi of pregnancies with growth restricted fetuses. <i>Placenta</i> , 2005, 26, 319-328.	0.7	103

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37	The phenotype of spontaneous preterm birth: application of a clinical phenotyping tool. American Journal of Obstetrics and Gynecology, 2015, 212, 487.e1-487.e11.	0.7	102
38	Acoustofluidic centrifuge for nanoparticle enrichment and separation. Science Advances, 2021, 7, .	4.7	100
39	C19MC MicroRNAs Regulate the Migration of Human Trophoblasts. Endocrinology, 2014, 155, 4975-4985.	1.4	99
40	Ligand-Activated Peroxisome Proliferator Activated Receptor β Alters Placental Morphology and Placental Fatty Acid Uptake in Mice. Endocrinology, 2007, 148, 3625-3634.	1.4	98
41	PLA2G6 guards placental trophoblasts against ferroptotic injury. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27319-27328.	3.3	98
42	Hypoxia reduces expression and function of system A amino acid transporters in cultured term human trophoblasts. American Journal of Physiology - Cell Physiology, 2003, 284, C310-C315.	2.1	96
43	The Placenta as a Barrier to Viral Infections. Annual Review of Virology, 2014, 1, 133-146.	3.0	96
44	The Activation Function-2 Hexamer of Steroidogenic Factor-1 Is Required, but Not Sufficient for Potentiation by SRC-1. Molecular Endocrinology, 1997, 11, 1626-1635.	3.7	94
45	Hypoxia regulates the expression of fatty acid-binding proteins in primary term human trophoblasts. American Journal of Obstetrics and Gynecology, 2007, 197, 516.e1-516.e6.	0.7	94
46	Human trophoblasts confer resistance to viruses implicated in perinatal infection. American Journal of Obstetrics and Gynecology, 2015, 212, 71.e1-71.e8.	0.7	92
47	Unique microRNA Signals in Plasma Exosomes from Pregnancies Complicated by Preeclampsia. Hypertension, 2020, 75, 762-771.	1.3	92
48	The pleiotropic function of PPAR β in the placenta. Molecular and Cellular Endocrinology, 2006, 249, 10-15.	1.6	88
49	A three-dimensional culture system recapitulates placental syncytiotrophoblast development and microbial resistance. Science Advances, 2016, 2, e1501462.	4.7	86
50	The Activity of PPAR β in Primary Human Trophoblasts Is Enhanced by Oxidized Lipids. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1105-1110.	1.8	85
51	Isolation of human trophoblastic extracellular vesicles and characterization of their cargo and antiviral activity. Placenta, 2016, 47, 86-95.	0.7	82
52	Separating extracellular vesicles and lipoproteins via acoustofluidics. Lab on A Chip, 2019, 19, 1174-1182.	3.1	81
53	A variable fold-change threshold determines significance for expression microarrays. FASEB Journal, 2003, 17, 321-323.	0.2	80
54	Organotypic models of type III interferon-mediated protection from Zika virus infections at the maternal-fetal interface. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9433-9438.	3.3	79

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55	Expression patterns of placental microRNAs. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 737-743.	1.6	76
56	The DEAD Box Protein DP103 Is a Regulator of Steroidogenic Factor-1. Molecular Endocrinology, 2001, 15, 69-79.	3.7	74
57	The Lipid Droplet-Associated Protein Adipophilin Is Expressed in Human Trophoblasts and Is Regulated by Peroxisomal Proliferator-Activated Receptor- β /Retinoid X Receptor. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 6056-6062.	1.8	74
58	Increased measurement accuracy for sequence-verified microarray probes. Physiological Genomics, 2004, 18, 308-315.	1.0	73
59	PPAR Signaling in Placental Development and Function. PPAR Research, 2008, 2008, 1-11.	1.1	73
60	Expression and trafficking of placental microRNAs at the fetal-maternal interface. FASEB Journal, 2017, 31, 2760-2770.	0.2	73
61	A Novel Domain within the DEAD-Box Protein DP103 Is Essential for Transcriptional Repression and Helicase Activity. Molecular and Cellular Biology, 2003, 23, 414-423.	1.1	71
62	Role of Steroidogenic-Factor 1 in Basal and $3\beta,5\alpha$ -Cyclic Adenosine Monophosphate-Mediated Regulation of Cytochrome P450 Side-Chain Cleavage Enzyme in the Mouse. Biology of Reproduction, 1997, 57, 765-771.	1.2	70
63	Characterization of the Promoter of SF-1, an Orphan Nuclear Receptor Required for Adrenal and Gonadal Development. Molecular Endocrinology, 1997, 11, 117-126.	3.7	68
64	Resolving the paradox of ferroptotic cell death: Ferrostatin-1 binds to 15LOX/PEBP1 complex, suppresses generation of peroxidized ETE-PE, and protects against ferroptosis. Redox Biology, 2021, 38, 101744.	3.9	67
65	The Function of TrophomiRs and Other MicroRNAs in the Human Placenta. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023036.	2.9	64
66	Evidence for lysosomal biogenesis proteome defect and impaired autophagy in preeclampsia. Autophagy, 2020, 16, 1771-1785.	4.3	62
67	The Expression and Function of Fatty Acid Transport Protein-2 and -4 in the Murine Placenta. PLoS ONE, 2011, 6, e25865.	1.1	57
68	DEAD-Box Protein-103 (DP103, Ddx20) Is Essential for Early Embryonic Development and Modulates Ovarian Morphology and Function. Endocrinology, 2008, 149, 2168-2175.	1.4	55
69	Hypoxia downregulates p53 but induces apoptosis and enhances expression of BAD in cultures of human syncytiotrophoblasts. American Journal of Physiology - Cell Physiology, 2010, 299, C968-C976.	2.1	54
70	Magnetic resonance imaging of hypoxic injury to the murine placenta. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R312-R319.	0.9	54
71	Human Placental Syncytiotrophoblasts Restrict <i>Toxoplasma gondii</i> Attachment and Replication and Respond to Infection by Producing Immunomodulatory Chemokines. MBio, 2018, 9, .	1.8	54
72	Development and Testing of the MyHealthyPregnancy App: A Behavioral Decision Research-Based Tool for Assessing and Communicating Pregnancy Risk. JMIR MHealth and UHealth, 2017, 5, e42.	1.8	54

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73	The role of trophoblastic microRNAs in placental viral infection. <i>International Journal of Developmental Biology</i> , 2014, 58, 281-289.	0.3	53
74	Imprinting of PEG1/MEST Isoform 2 in Human Placenta. <i>Placenta</i> , 2006, 27, 119-126.	0.7	51
75	Autophagy as a mechanism of antiviral defense at the maternal-fetal interface. <i>Autophagy</i> , 2013, 9, 2173-2174.	4.3	50
76	Placental trophoblast syncytialization potentiates macropinocytosis via mTOR signaling to adapt to reduced amino acid supply. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	49
77	The Unique Expression and Function of miR-424 in Human Placental Trophoblasts1. <i>Biology of Reproduction</i> , 2013, 89, 25.	1.2	46
78	p300 Regulates the Synergy of Steroidogenic Factor-1 and Early Growth Response-1 in Activating Luteinizing Hormone- β Subunit Gene. <i>Journal of Biological Chemistry</i> , 2004, 279, 7832-7839.	1.6	45
79	Function of steroidogenic factor 1 during development and differentiation of the reproductive system. <i>Reproduction</i> , 2000, 5, 136-142.	2.0	44
80	Term Human Placental Trophoblasts Express SARS-CoV-2 Entry Factors ACE2, TMPRSS2, and Furin. <i>MSphere</i> , 2021, 6, .	1.3	43
81	Trophoblast Differentiation Modulates the Activity of Caspases in Primary Cultures of Term Human Trophoblasts. <i>Pediatric Research</i> , 2002, 52, 411-415.	1.1	42
82	Homocysteine thiolactone induces apoptosis in cultured human trophoblasts: a mechanism for homocysteine-mediated placental dysfunction?. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 563-571.	0.7	41
83	Advances, challenges, and opportunities in extracellular RNA biology: insights from the NIH exRNA Strategic Workshop. <i>JCI Insight</i> , 2018, 3, .	2.3	41
84	Placental response to maternal SARS-CoV-2 infection. <i>Scientific Reports</i> , 2021, 11, 14390.	1.6	41
85	The function of miR-519d in cell migration, invasion, and proliferation suggests a role in early placentation. <i>Placenta</i> , 2016, 48, 34-37.	0.7	40
86	Chromosome 19 microRNAs exert antiviral activity independent from type III interferon signaling. <i>Placenta</i> , 2018, 61, 33-38.	0.7	40
87	PLIN2 Is Essential for Trophoblastic Lipid Droplet Accumulation and Cell Survival During Hypoxia. <i>Endocrinology</i> , 2018, 159, 3937-3949.	1.4	40
88	Myocytes of chorionic vessels from placentas with meconium-associated vascular necrosis exhibit apoptotic markers. <i>Human Pathology</i> , 2004, 35, 412-417.	1.1	39
89	Cluster analysis of spontaneous preterm birth phenotypes identifies potential associations among preterm birth mechanisms. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 429.e1-429.e9.	0.7	38
90	The expression level of C19MC miRNAs in early pregnancy and in response to viral infection. <i>Placenta</i> , 2017, 53, 23-29.	0.7	37

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91	ADAP2 Is an Interferon Stimulated Gene That Restricts RNA Virus Entry. <i>PLoS Pathogens</i> , 2015, 11, e1005150.	2.1	36
92	Ferroptosis, trophoblast lipotoxic damage, and adverse pregnancy outcome. <i>Placenta</i> , 2021, 108, 32-38.	0.7	35
93	The kinase p38 Regulates Peroxisome Proliferator Activated Receptor- β in Human Trophoblasts. <i>Placenta</i> , 2006, 27, 191-199.	0.7	32
94	Hypoxia in Human Trophoblasts Stimulates the Expression and Secretion of Connective Tissue Growth Factor. <i>Endocrinology</i> , 2008, 149, 2952-2958.	1.4	32
95	Insulin and fatty acids regulate the expression of the fat droplet-associated protein adipophilin in primary human trophoblasts. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1716-1723.	0.7	31
96	Optimal timing of antenatal corticosteroid administration and preterm neonatal and early childhood outcomes. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020, 2, 100077.	1.3	31
97	Incorporation of gene-specific variability improves expression analysis using high-density DNA microarrays. <i>BMC Biology</i> , 2003, 1, 1.	1.7	30
98	The release of 15-hydroxyeicosatetraenoic acid by human placental trophoblast is increased in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 178, 54-58.	0.7	29
99	Enhanced Basal Apoptosis in Cultured Term Human Cytotrophoblasts is Associated with a Higher Expression and Physical Interaction of p53 and Bak. <i>Placenta</i> , 2006, 27, 978-983.	0.7	29
100	Lipid Raft- and Src Family Kinase-Dependent Entry of Coxsackievirus B into Human Placental Trophoblasts. <i>Journal of Virology</i> , 2013, 87, 8569-8581.	1.5	29
101	Predictors of response to 17-alpha hydroxyprogesterone caproate for prevention of recurrent spontaneous preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 376.e1-376.e8.	0.7	29
102	Transcriptional Regulation of Human Placental Corticotropin-Releasing Factor by Prostaglandins and Estradiol. <i>Biology of Reproduction</i> , 1997, 57, 1285-1292.	1.2	28
103	Ferroptosis induces membrane blebbing in placental trophoblasts. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	28
104	Epidermal Growth Factor Abrogates Hypoxia-Induced Apoptosis in Cultured Human Trophoblasts through Phosphorylation of BAD Serine 112. <i>Endocrinology</i> , 2008, 149, 2131-2137.	1.4	27
105	Research to knowledge: promoting the training of physician-scientists in the biology of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, B9-B13.	0.7	27
106	Molecular speciation and dynamics of oxidized triacylglycerols in lipid droplets: Mass spectrometry and coarse-grained simulations. <i>Free Radical Biology and Medicine</i> , 2014, 76, 53-60.	1.3	26
107	Assessment of the Diagnostic Accuracy of the TDx-FLM II to Predict Fetal Lung Maturity. <i>Clinical Chemistry</i> , 2002, 48, 761-765.	1.5	25
108	Identifying the Critical Gaps in Research on Sex Differences in Metabolism Across the Life Span. <i>Endocrinology</i> , 2018, 159, 9-19.	1.4	25

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109	Internalization of trophoblastic small extracellular vesicles and detection of their miRNA cargo in Pâ€bodies. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1812261.	5.5	25
110	Placental small extracellular vesicles: Current questions and investigative opportunities. <i>Placenta</i> , 2020, 102, 34-38.	0.7	25
111	Extracellular vesicles promote transkingdom nutrient transfer during viral-bacterial co-infection. <i>Cell Reports</i> , 2021, 34, 108672.	2.9	25
112	Developmental and Physiologic Roles of the Nuclear Receptor Steroidogenic Factor-1 in the Reproductive System. <i>Journal of the Society for Gynecologic Investigation</i> , 1998, 5, 6-12.	1.9	25
113	Hypoxia Enhances the Expression of Follistatin-like 3 in Term Human Trophoblasts. <i>Placenta</i> , 2008, 29, 51-57.	0.7	24
114	Distinct communication patterns of trophoblastic miRNA among the maternal-placental-fetal compartments. <i>Placenta</i> , 2018, 72-73, 28-35.	0.7	24
115	The Expression and Localization of N-Myc Downstream-Regulated Gene 1 in Human Trophoblasts. <i>PLoS ONE</i> , 2013, 8, e75473.	1.1	24
116	Increased expression of N-myc downstream-regulated gene 1 (NDRG1) in placentas from pregnancies complicated by intrauterine growth restriction or preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 45.e1-45.e7.	0.7	23
117	Fatty Acid Binding Protein-4 is expressed in the mouse placental labyrinth, yet is dispensable for placental triglyceride accumulation and fetal growth. <i>Placenta</i> , 2014, 35, 802-807.	0.7	23
118	Thromboxane A2 Limits Differentiation and Enhances Apoptosis of Cultured Human Trophoblasts. <i>Pediatric Research</i> , 2001, 50, 203-209.	1.1	22
119	Placental PPAR β regulates spatiotemporally diverse genes and a unique metabolic network. <i>Developmental Biology</i> , 2012, 372, 143-155.	0.9	22
120	The Expression and Activity of Prostaglandin H Synthase-2 Is Enhanced in Trophoblast from Women with Preeclampsia*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3059-3062.	1.8	21
121	The influence of ligand-activated LXR on primary human trophoblasts. <i>Placenta</i> , 2014, 35, 919-924.	0.7	21
122	Maternal serum serpin B7 is associated with early spontaneous preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 678.e1-678.e12.	0.7	21
123	Deep phenotyping during pregnancy for predictive and preventive medicine. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	21
124	Hypoxia Regulates the Expression of PHLDA2 in Primary Term Human Trophoblasts. <i>Placenta</i> , 2007, 28, 77-84.	0.7	20
125	Estrogenic activity of RU 486 (mifepristone) in rat uterus and cultured uterine myocytes. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 173, 134-140.	0.7	19
126	The Expression of Connective Tissue Growth Factor in Pregnancies Complicated by Severe Preeclampsia or Fetal Growth Restriction. <i>Placenta</i> , 2009, 30, 981-987.	0.7	19

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127	Loss of inherited genomic imprints in mice leads to severe disruption in placental lipid metabolism. <i>Placenta</i> , 2015, 36, 389-396.	0.7	19
128	Transcriptional Regulation of Prostaglandin-H Synthase-2 Gene in Human Trophoblasts1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 2289-2293.	1.8	18
129	Lipopolysaccharide enhances the transcription of prostaglandin H synthase-2 gene in primary human trophoblasts. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 178, 469-473.	0.7	18
130	The timing and duration of hypoxia determine gene expression patterns in cultured human trophoblasts. <i>Placenta</i> , 2011, 32, 1004-1009.	0.7	18
131	Increasing NIH funding for academic departments of obstetrics and gynecology: a call to action. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 79.e1-79.e8.	0.7	18
132	Site-specific peroxidation modulates lipid bilayer mechanics. <i>Extreme Mechanics Letters</i> , 2021, 42, 101148.	2.0	18
133	Tumor Heterogeneity Affects the Precision of Microarray Analysis. <i>Diagnostic Molecular Pathology</i> , 2005, 14, 65-71.	2.1	17
134	Invigorating placental research through the "Human Placenta Project". <i>Placenta</i> , 2014, 35, 527.	0.7	17
135	Determinants of effective lentivirus-driven microRNA expression in vivo. <i>Scientific Reports</i> , 2016, 6, 33345.	1.6	17
136	In vitro modulation of the expression of 15-hydroxy-prostaglandin dehydrogenase by trophoblast differentiation. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 180, 690-695.	0.7	16
137	Restoration of estrogen-dependent progesterone receptor expression in a uterine myocyte cell line.. <i>Endocrinology</i> , 1993, 132, 1609-1613.	1.4	15
138	Placenta and Placental Transport Function. , 2015, , 1741-1782.		14
139	Transgenic expression of human C19MC miRNAs impacts placental morphogenesis. <i>Placenta</i> , 2020, 101, 208-214.	0.7	14
140	NDRG1 Deficiency Attenuates Fetal Growth and the Intrauterine Response to Hypoxic Injury. <i>Endocrinology</i> , 2014, 155, 1099-1106.	1.4	13
141	Advancing human health in the decade ahead: pregnancy as a key window for discovery. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 312-321.	0.7	13
142	Curvature-regulated lipid membrane softening of nano-vesicles. <i>Extreme Mechanics Letters</i> , 2021, 43, 101174.	2.0	13
143	Serum CA-125 levels in women with ectopic and intrauterine pregnancies. <i>Journal of reproductive medicine, The</i> , 1991, 36, 875-8.	0.2	13
144	Extracellular vesicles and immune response during pregnancy: A balancing act*. <i>Immunological Reviews</i> , 2022, 308, 105-122.	2.8	13

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145	Troglitazone attenuates hypoxia-induced injury in cultured term human trophoblasts. American Journal of Obstetrics and Gynecology, 2004, 191, 2154-2159.	0.7	12
146	Intact feto-placental growth in microRNA-210 deficient mice. Placenta, 2016, 47, 113-115.	0.7	11
147	The assembly of miRNA-mRNA-protein regulatory networks using high-throughput expression data. Bioinformatics, 2015, 31, 1780-1787.	1.8	10
148	Pharmacogenomics of 17 α -hydroxyprogesterone caproate for recurrent preterm birth: a case-control study. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 343-350.	1.1	10
149	Endothelin-1 Attenuates Apoptosis in Cultured Trophoblasts From Term Human Placentas. Reproductive Sciences, 2007, 14, 430-439.	1.1	9
150	The expression and post-transcriptional regulation of FSTL1 transcripts in placental trophoblasts. Placenta, 2015, 36, 1231-1238.	0.7	9
151	The Rare Occurrence of Absent Adrenals in a Term Infant: A Case Report and Review of the Literature. American Journal of Perinatology, 2006, 23, 111-114.	0.6	8
152	Editorial: ZIKA virus and placenta. Placenta, 2016, 40, A1.	0.7	8
153	Klf14 is an imprinted transcription factor that regulates placental growth. Placenta, 2019, 88, 61-67.	0.7	8
154	Gene targeting in primary human trophoblasts. Placenta, 2012, 33, 754-762.	0.7	7
155	The impact of ionizing radiation on placental trophoblasts. Placenta, 2014, 35, 85-91.	0.7	7
156	Basic and Clinical Studies on Functional RNA Molecules for Advanced Medical Technologies. Journal of Nippon Medical School, 2010, 77, 71-79.	0.3	6
157	Incidence of Spontaneous and Evoked Fetal Movements. Gynecologic and Obstetric Investigation, 1986, 21, 177-181.	0.7	5
158	9: Neonatal, not maternal, copy number variants are associated with spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2015, 212, S8.	0.7	5
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