

P Murthi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8395005/publications.pdf>

Version: 2024-02-01

43
papers

1,016
citations

361413

20
h-index

454955

30
g-index

46
all docs

46
docs citations

46
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	GAPDH, 18S rRNA and YWHAZ are Suitable Endogenous Reference Genes for Relative Gene Expression Studies in Placental Tissues from Human Idiopathic Fetal Growth Restriction. <i>Placenta</i> , 2008, 29, 798-801.	1.5	115
2	EG-VEGF controls placental growth and survival in normal and pathological pregnancies: case of fetal growth restriction (FGR). <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 511-525.	5.4	49
3	Isolation and characterisation of a novel trophoblast side-population from first trimester placentae. <i>Reproduction</i> , 2015, 150, 449-462.	2.6	42
4	Homeobox gene DLX4 expression is increased in idiopathic human fetal growth restriction. <i>Molecular Human Reproduction</i> , 2006, 12, 763-769.	2.8	40
5	Novel Homeobox Genes are Differentially Expressed in Placental Microvascular Endothelial Cells Compared with Macrovascular Cells. <i>Placenta</i> , 2008, 29, 624-630.	1.5	40
6	Placental vitamin D receptor expression is decreased in human idiopathic fetal growth restriction. <i>Journal of Molecular Medicine</i> , 2015, 93, 795-805.	3.9	38
7	The Expression of Placental Proteoglycans in Pre-Eclampsia. <i>Gynecologic and Obstetric Investigation</i> , 2012, 73, 277-284.	1.6	37
8	Altered placental tryptophan metabolic pathway in human fetal growth restriction. <i>Placenta</i> , 2017, 52, 62-70.	1.5	37
9	Disrupted placental serotonin synthetic pathway and increased placental serotonin: Potential implications in the pathogenesis of human fetal growth restriction. <i>Placenta</i> , 2019, 84, 74-83.	1.5	35
10	Inflammasomes—A Molecular Link for Altered Immunoregulation and Inflammation Mediated Vascular Dysfunction in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1406.	4.1	35
11	Homeobox Genes are Differentially Expressed in Macrovascular Human Umbilical Vein Endothelial Cells and Microvascular Placental Endothelial Cells. <i>Placenta</i> , 2007, 28, 219-223.	1.5	32
12	NLRP7 is increased in human idiopathic fetal growth restriction and plays a critical role in trophoblast differentiation. <i>Journal of Molecular Medicine</i> , 2019, 97, 355-367.	3.9	31
13	Homeobox gene distal-less 3 is expressed in proliferating and differentiating cells of the human placenta. <i>Placenta</i> , 2010, 31, 691-697.	1.5	29
14	Decreased STAT3 in human idiopathic fetal growth restriction contributes to trophoblast dysfunction. <i>Reproduction</i> , 2015, 149, 523-532.	2.6	28
15	Decorin expression is decreased in human idiopathic fetal growth restriction. <i>Reproduction, Fertility and Development</i> , 2010, 22, 949.	0.4	27
16	Homeobox gene ESX1L expression is decreased in human pre-term idiopathic fetal growth restriction. <i>Molecular Human Reproduction</i> , 2006, 12, 335-340.	2.8	26
17	Increased decidual mRNA expression levels of candidate maternal pre-eclampsia susceptibility genes are associated with clinical severity. <i>Placenta</i> , 2014, 35, 117-124.	1.5	25
18	Placental Biglycan Expression is Decreased in Human Idiopathic Fetal Growth Restriction. <i>Placenta</i> , 2010, 31, 712-717.	1.5	23

#	ARTICLE	IF	CITATIONS
19	The relationship between the placental serotonin pathway and fetal growth restriction. <i>Biochimie</i> , 2019, 161, 80-87.	2.6	22
20	Altered decorin leads to disrupted endothelial cell function: A possible mechanism in the pathogenesis of fetal growth restriction?. <i>Placenta</i> , 2014, 35, 596-605.	1.5	21
21	Maternal 25-hydroxyvitamin D is inversely correlated with foetal serotonin. <i>Clinical Endocrinology</i> , 2017, 86, 401-409.	2.4	21
22	Fetal growth restriction is associated with increased apoptosis in the chorionic trophoblast cells of human fetal membranes. <i>Placenta</i> , 2005, 26, 329-338.	1.5	20
23	Homeobox gene Distal-less 3 (DLX3) is a regulator of villous cytotrophoblast differentiation. <i>Placenta</i> , 2011, 32, 745-751.	1.5	18
24	Increased methylation and decreased expression of homeobox genes TLX1, HOXA10 and DLX5 in human placenta are associated with trophoblast differentiation. <i>Scientific Reports</i> , 2017, 7, 4523.	3.3	18
25	Treatment of preeclampsia with hydroxychloroquine: a review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 525-529.	1.5	18
26	NLRP7 Promotes Choriocarcinoma Growth and Progression through the Establishment of an Immunosuppressive Microenvironment. <i>Cancers</i> , 2021, 13, 2999.	3.7	16
27	Review: Placental homeobox genes and their role in regulating human fetal growth. <i>Placenta</i> , 2014, 35, S46-S50.	1.5	15
28	Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. <i>Molecular Human Reproduction</i> , 2019, 25, 495-505.	2.8	15
29	Hydroxychloroquine Mitigates the Production of 8-Isoprostane and Improves Vascular Dysfunction: Implications for Treating Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2504.	4.1	15
30	Placental CLIC3 is increased in fetal growth restriction and pre-eclampsia affected human pregnancies. <i>Placenta</i> , 2012, 33, 741-744.	1.5	14
31	Decorin expression is decreased in first trimester placental tissue from pregnancies with small for gestation age infants at birth. <i>Placenta</i> , 2016, 45, 58-62.	1.5	13
32	Role of NLRP7 in Normal and Malignant Trophoblast Cells. <i>Biomedicines</i> , 2022, 10, 252.	3.2	13
33	Placental Vitamin D-Binding Protein Expression in Human Idiopathic Fetal Growth Restriction. <i>Journal of Pregnancy</i> , 2017, 2017, 1-5.	2.4	12
34	The role of insulin-like growth factor 2 receptor-mediated homeobox gene expression in human placental apoptosis, and its implications in idiopathic fetal growth restriction. <i>Molecular Human Reproduction</i> , 2019, 25, 572-585.	2.8	10
35	The Placental NLRP3 Inflammasome and Its Downstream Targets, Caspase-1 and Interleukin-6, Are Increased in Human Fetal Growth Restriction: Implications for Aberrant Inflammation-Induced Trophoblast Dysfunction. <i>Cells</i> , 2022, 11, 1413.	4.1	10
36	Proteoglycans: Systems-Level Insight into Their Expression in Healthy and Diseased Placentas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5798.	4.1	8

#	ARTICLE	IF	CITATIONS
37	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
38	Decreased placental glypican expression is associated with human fetal growth restriction. <i>Placenta</i> , 2019, 76, 6-9.	1.5	7
39	Decidual ACVR2A regulates extravillous trophoblast functions of adhesion, proliferation, migration and invasion in vitro. <i>Pregnancy Hypertension</i> , 2018, 12, 189-193.	1.4	6
40	Decreased Placental FPR2 in Early Pregnancies That Later Developed Small-For-Gestation Age: A Potential Role of FPR2 in the Regulation of Epithelial-Mesenchymal Transition. <i>Cells</i> , 2020, 9, 921.	4.1	6
41	Evidence-Based View of Safety and Effectiveness of Prokineticin Receptors Antagonists during Pregnancy. <i>Biomedicines</i> , 2021, 9, 309.	3.2	6
42	The placenta is the villain or victim in the pathogenesis of pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 147-147.	2.3	5
43	A Novel Approach to Enhance the Regenerative Potential of Circulating Endothelial Progenitor Cells in Patients with End-Stage Kidney Disease. <i>Biomedicines</i> , 2022, 10, 883.	3.2	2