P Murthi

List of Publications by Year
in descending order

43	1,016	411340	511568
papers	citations	20 h-index	30 g-index

46	46	46	1588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of NLRP7 in Normal and Malignant Trophoblast Cells. Biomedicines, 2022, 10, 252.	1.4	13
2	A Novel Approach to Enhance the Regenerative Potential of Circulating Endothelial Progenitor Cells in Patients with End-Stage Kidney Disease. Biomedicines, 2022, 10, 883.	1.4	2
3	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. Cells, 2022, 11, 1413.	1.8	10
4	Proteoglycans: Systems-Level Insight into Their Expression in Healthy and Diseased Placentas. International Journal of Molecular Sciences, 2022, 23, 5798.	1.8	8
5	The placenta is the villain or victim in the pathogenesis of preâ€eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 147-147.	1.1	5
6	Evidence-Based View of Safety and Effectiveness of Prokineticin Receptors Antagonists during Pregnancy. Biomedicines, 2021, 9, 309.	1.4	6
7	NLRP7 Promotes Choriocarcinoma Growth and Progression through the Establishment of an Immunosuppressive Microenvironment. Cancers, 2021, 13, 2999.	1.7	16
8	Inflammasomesâ€"A Molecular Link for Altered Immunoregulation and Inflammation Mediated Vascular Dysfunction in Preeclampsia. International Journal of Molecular Sciences, 2020, 21, 1406.	1.8	35
9	Hydroxychloroquine Mitigates the Production of 8-Isoprostane and Improves Vascular Dysfunction: Implications for Treating Preeclampsia. International Journal of Molecular Sciences, 2020, 21, 2504.	1.8	15
10	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. Cells, 2020, 9, 921.	1.8	6
11	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. Molecular Human Reproduction, 2019, 25, 572-585.	1.3	10
12	Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. Molecular Human Reproduction, 2019, 25, 495-505.	1.3	15
13	Decreased placental glypican expression is associated with human fetal growth restriction. Placenta, 2019, 76, 6-9.	0.7	7
14	Disrupted placental serotonin synthetic pathway and increased placental serotonin: Potential implications in the pathogenesis of human fetal growth restriction. Placenta, 2019, 84, 74-83.	0.7	35
15	The relationship between the placental serotonin pathway and fetal growth restriction. Biochimie, 2019, 161, 80-87.	1.3	22
16	NLRP7 is increased in human idiopathic fetal growth restriction and plays a critical role in trophoblast differentiation. Journal of Molecular Medicine, 2019, 97, 355-367.	1.7	31
17	Decidual ACVR2A regulates extravillous trophoblast functions of adhesion, proliferation, migration and invasion in vitro. Pregnancy Hypertension, 2018, 12, 189-193.	0.6	6
18	Treatment of preeclampsia with hydroxychloroquine: a review. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 525-529.	0.7	18

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19	Altered downstream target gene expression of the placental Vitamin D receptor in human idiopathic fetal growth restriction. Cell Cycle, 2018, 17, 182-190.	1.3	7
20	Altered placental tryptophan metabolic pathway in human fetal growth restriction. Placenta, 2017, 52, 62-70.	0.7	37
21	Increased methylation and decreased expression of homeobox genes TLX1, HOXA10 and DLX5 in human placenta are associated with trophoblast differentiation. Scientific Reports, 2017, 7, 4523.	1.6	18
22	Maternal 25-hydroxyvitamin D is inversely correlated with foetal serotonin. Clinical Endocrinology, 2017, 86, 401-409.	1.2	21
23	Placental Vitamin D-Binding Protein Expression in Human Idiopathic Fetal Growth Restriction. Journal of Pregnancy, 2017, 2017, 1-5.	1.1	12
24	Decorin expression is decreased in first trimester placental tissue from pregnancies with small for gestation age infants at birth. Placenta, 2016, 45, 58-62.	0.7	13
25	Placental vitamin D receptor expression is decreased in human idiopathic fetal growth restriction. Journal of Molecular Medicine, 2015, 93, 795-805.	1.7	38
26	Decreased STAT3 in human idiopathic fetal growth restriction contributes to trophoblast dysfunction. Reproduction, 2015, 149, 523-532.	1.1	28
27	Isolation and characterisation of a novel trophoblast side-population from first trimester placentae. Reproduction, 2015, 150, 449-462.	1.1	42
28	Review: Placental homeobox genes and their role in regulating human fetal growth. Placenta, 2014, 35, S46-S50.	0.7	15
29	Increased decidual mRNA expression levels of candidate maternal pre-eclampsia susceptibility genes are associated with clinical severity. Placenta, 2014, 35, 117-124.	0.7	25
30	Altered decorin leads to disrupted endothelial cell function: A possible mechanism in the pathogenesis of fetal growth restriction?. Placenta, 2014, 35, 596-605.	0.7	21
31	EG-VEGF controls placental growth and survival in normal and pathological pregnancies: case of fetal growth restriction (FGR). Cellular and Molecular Life Sciences, 2013, 70, 511-525.	2.4	49
32	The Expression of Placental Proteoglycans in Pre-Eclampsia. Gynecologic and Obstetric Investigation, 2012, 73, 277-284.	0.7	37
33	Placental CLIC3 is increased in fetal growth restriction and pre-eclampsia affected human pregnancies. Placenta, 2012, 33, 741-744.	0.7	14
34	Homeobox gene Distal-less 3 (DLX3) is a regulator of villous cytotrophoblast differentiation. Placenta, 2011, 32, 745-751.	0.7	18
35	Decorin expression is decreased in human idiopathic fetal growth restriction. Reproduction, Fertility and Development, 2010, 22, 949.	0.1	27
36	Homeobox gene distal-less 3 is expressed in proliferating and differentiating cells of the human placenta. Placenta, 2010, 31, 691-697.	0.7	29

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37	Placental Biglycan Expression is Decreased in Human Idiopathic Fetal Growth Restriction. Placenta, 2010, 31, 712-717.	0.7	23
38	Novel Homeobox Genes are Differentially Expressed in Placental Microvascular Endothelial Cells Compared with Macrovascular Cells. Placenta, 2008, 29, 624-630.	0.7	40
39	GAPDH, 18S rRNA and YWHAZ are Suitable Endogenous Reference Genes for Relative Gene Expression Studies in Placental Tissues from Human Idiopathic Fetal Growth Restriction. Placenta, 2008, 29, 798-801.	0.7	115
40	Homeobox Genes are Differentially Expressed in Macrovascular Human Umbilical Vein Endothelial Cells and Microvascular Placental Endothelial Cells. Placenta, 2007, 28, 219-223.	0.7	32
41	Homeobox gene ESX1L expression is decreased in human pre-term idiopathic fetal growth restriction. Molecular Human Reproduction, 2006, 12, 335-340.	1.3	26
42	Homeobox gene DLX4 expression is increased in idiopathic human fetal growth restriction. Molecular Human Reproduction, 2006, 12, 763-769.	1.3	40
43	Fetal growth restriction is associated with increased apoptosis in the chorionic trophoblast cells of human fetal membranes. Placenta, 2005, 26, 329-338.	0.7	20