

Gijs Afink

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,215
citations

20
h-index

34
g-index

55
ext. papers

1,453
ext. citations

5.5
avg, IF

3.9
L-index

#	Paper	IF	Citations
50	ELABELA deficiency promotes preeclampsia and cardiovascular malformations in mice. <i>Science</i> , 2017 , 357, 707-713	33.3	117
49	PATCHED and p53 gene alterations in sporadic and hereditary basal cell cancer. <i>Oncogene</i> , 2001 , 20, 7770-8	9.2	112
48	Pathophysiological aspects of thyroid hormone disorders/thyroid peroxidase autoantibodies and reproduction. <i>Human Reproduction Update</i> , 2015 , 21, 378-87	15.8	108
47	Molecular genetics of preeclampsia and HELLP syndrome - a review. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 1960-9	6.9	69
46	Differentially expressed genes in the pre-eclamptic placenta: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e68991	3.7	61
45	Molecular characterization of iodotyrosine dehalogenase deficiency in patients with hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4894-901	5.6	58
44	Expression of placental FLT1 transcript variants relates to both gestational hypertensive disease and fetal growth. <i>Hypertension</i> , 2011 , 58, 70-6	8.5	56
43	GFAP promoter driven transgenic expression of PDGF β in the mouse brain leads to glioblastoma in a Trp53 null background. <i>Glia</i> , 2009 , 57, 1143-53	9	47
42	Active caspase-3 is removed from cells by release of caspase-3-enriched vesicles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1844-52	4.9	38
41	Platelet-derived growth factor receptor-alpha in ventricular zone cells and in developing neurons. <i>Molecular and Cellular Neurosciences</i> , 2001 , 17, 1001-13	4.8	37
40	Role of soluble endoglin in BMP9 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17800-17808	11.5	35
39	SFlt-1 elevates blood pressure by augmenting endothelin-1-mediated vasoconstriction in mice. <i>PLoS ONE</i> , 2014 , 9, e91897	3.7	33
38	The idiopathic preterm delivery methylation profile in umbilical cord blood DNA. <i>BMC Genomics</i> , 2015 , 16, 736	4.5	29
37	Resistance artery creatine kinase mRNA and blood pressure in humans. <i>Hypertension</i> , 2014 , 63, 68-73	8.5	27
36	Transglutaminase 2 is secreted from smooth muscle cells by transamidation-dependent microparticle formation. <i>Amino Acids</i> , 2012 , 42, 961-73	3.5	24
35	Meta-Analysis of Placental Transcriptome Data Identifies a Novel Molecular Pathway Related to Preeclampsia. <i>PLoS ONE</i> , 2015 , 10, e0132468	3.7	24
34	A PDGFRA promoter polymorphism, which disrupts the binding of ZNF148, is associated with primitive neuroectodermal tumours and ependymomas. <i>Journal of Medical Genetics</i> , 2005 , 42, 31-7	5.8	24

33	Specific expression in mouse mesoderm- and neural crest-derived tissues of a human PDGFRA promoter/lacZ transgene. <i>Mechanisms of Development</i> , 1998 , 70, 167-80	1.7	22
32	Altered regulation of platelet-derived growth factor receptor-alpha gene-transcription in vitro by spina bifida-associated mutant Pax1 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 14459-63	11.5	21
31	Associations of vomiting and antiemetic use in pregnancy with levels of circulating GDF15 early in the second trimester: A nested case-control study. <i>Wellcome Open Research</i> , 2018 , 3, 123	4.8	21
30	Brain abnormalities and glioma-like lesions in mice overexpressing the long isoform of PDGF-A in astrocytic cells. <i>PLoS ONE</i> , 2011 , 6, e18303	3.7	20
29	Comparison of chromosome 3p deletions between cervical precancers synchronous with and without invasive cancer. <i>International Journal of Cancer</i> , 2000 , 86, 518-23	7.5	20
28	Increased glucocerebrosidase expression and activity in preeclamptic placenta. <i>Placenta</i> , 2015 , 36, 160-9	3.4	19
27	Soluble fms-like tyrosine kinase 1 and soluble endoglin are elevated circulating anti-angiogenic factors in pre-eclampsia. <i>Pregnancy Hypertension</i> , 2012 , 2, 358-67	2.6	19
26	Haplotype-specific expression of the human PDGFRA gene correlates with the risk of glioblastomas. <i>International Journal of Cancer</i> , 2008 , 123, 322-329	7.5	17
25	Total bile acids in the maternal and fetal compartment in relation to placental ABCG2 expression in preeclamptic pregnancies complicated by HELLP syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 131-6	6.9	15
24	Oncogene lineages of human papillomavirus type 16 E6, E7 and E5 in preinvasive and invasive cervical squamous cell carcinoma. <i>Journal of Pathology</i> , 2001 , 195, 307-11	9.4	15
23	Iodotyrosine deiodinase defect identified via genome-wide approach. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1276-83	5.6	13
22	Initial characterization of C16orf89, a novel thyroid-specific gene. <i>Thyroid</i> , 2010 , 20, 811-21	6.2	11
21	High-quality human preimplantation embryos stimulate endometrial stromal cell migration via secretion of microRNA hsa-miR-320a. <i>Human Reproduction</i> , 2020 , 35, 1797-1807	5.7	10
20	The apelinergic-axis in human preeclamptic pregnancies: A systematic review. <i>Pregnancy Hypertension</i> , 2019 , 17, 148-157	2.6	10
19	C/EBP is an essential component of PDGFRA transcription in MG-63 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 315, 313-8	3.4	10
18	A regulating element essential for PDGFRA transcription is recognized by neural tube defect-associated PRX homeobox transcription factors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002 , 1588, 254-60	6.9	10
17	Forced expression of platelet-derived growth factor B in the mouse cerebellar primordium changes cell migration during midline fusion and causes cerebellar ectopia. <i>Molecular and Cellular Neurosciences</i> , 2004 , 26, 308-21	4.8	9
16	Lysophosphatidic acid and bradykinin have opposite effects on phenotypic transformation of normal rat kidney cells. <i>Journal of Cellular Biochemistry</i> , 1994 , 56, 480-9	4.7	7

15	Peptide hormone ELABELA enhances extravillous trophoblast differentiation, but placenta is not the major source of circulating ELABELA in pregnancy. <i>Scientific Reports</i> , 2019 , 9, 19077	4.9	7
14	Higher decidual EB13 and HLA-G mRNA expression in preeclampsia: Cause or consequence of preeclampsia. <i>Human Immunology</i> , 2016 , 77, 68-70	2.3	6
13	Placental expression of heparan sulfate 3-O-sulfotransferase-3A1 in normotensive and pre-eclamptic pregnancies. <i>Placenta</i> , 2015 , 36, 1218-24	3.4	6
12	The clinical and molecular relations between idiopathic preterm labor and maternal congenital heart defects. <i>Reproductive Sciences</i> , 2013 , 20, 190-201	3	5
11	Plasma ceramide is increased and associated with proteinuria in women with pre-eclampsia and HELLP syndrome. <i>Pregnancy Hypertension</i> , 2020 , 19, 100-105	2.6	5
10	Gli1 is not required for Pdgfralpha expression during mouse embryonic development. <i>Differentiation</i> , 2005 , 73, 109-19	3.5	4
9	HELLP syndrome preceded by intrahepatic cholestasis of pregnancy: one serious itch. <i>BMJ Case Reports</i> , 2014 , 2014,	0.9	3
8	Circular RNA Sequencing of Maternal Platelets: A Novel Tool for the Identification of Pregnancy-Specific Biomarkers. <i>Clinical Chemistry</i> , 2021 , 67, 508-517	5.5	3
7	Soluble syndecan-1 and glycosaminoglycans in preeclamptic and normotensive pregnancies. <i>Scientific Reports</i> , 2021 , 11, 4387	4.9	3
6	The bivariate NRIP1/ZEB2 RNA marker permits non-invasive presymptomatic screening of pre-eclampsia. <i>Scientific Reports</i> , 2020 , 10, 21857	4.9	1
5	TBX2, a Novel Regulator of Labour. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
4	Knockdown of Splicing Complex Protein PCBP2 Reduces Extravillous Trophoblast Differentiation Through Transcript Switching. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 671806	5.7	1
3	In silico analysis of the Mus musculus uterine gene expression landscape during pregnancy identifies putative upstream regulators for labour. <i>PLoS ONE</i> , 2018 , 13, e0204236	3.7	1
2	Comparison of chromosome 3p deletions between cervical precancers synchronous with and without invasive cancer 2000 , 86, 518		1
1	Substrate-dependent localization of transglutaminase 2. <i>FASEB Journal</i> , 2010 , 24, 822.1	0.9	