

# Gijs Afink

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,611  
citations

331259

21  
h-index

301761

39  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2759  
citing authors

#	ARTICLE	IF	CITATIONS
1	ELABELA deficiency promotes preeclampsia and cardiovascular malformations in mice. <i>Science</i> , 2017, 357, 707-713.	6.0	181
2	Pathophysiological aspects of thyroid hormone disorders/thyroid peroxidase autoantibodies and reproduction. <i>Human Reproduction Update</i> , 2015, 21, 378-387.	5.2	160
3	PATCHED and p53 gene alterations in sporadic and hereditary basal cell cancer. <i>Oncogene</i> , 2001, 20, 7770-7778.	2.6	125
4	Molecular genetics of preeclampsia and HELLP syndrome – A review. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1960-1969.	1.8	87
5	Differentially Expressed Genes in the Pre-Eclamptic Placenta: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e68991.	1.1	87
6	Molecular Characterization of Iodotyrosine Dehalogenase Deficiency in Patients with Hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4894-4901.	1.8	70
7	Expression of Placental <i>FLT1</i> Transcript Variants Relates to Both Gestational Hypertensive Disease and Fetal Growth. <i>Hypertension</i> , 2011, 58, 70-76.	1.3	68
8	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.	3.3	61
9	GFAP promoter driven transgenic expression of PDGFB in the mouse brain leads to glioblastoma in a <i>Trp53 null</i> background. <i>Glia</i> , 2009, 57, 1143-1153.	2.5	57
10	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, 1844-1852.	1.9	47
11	Meta-Analysis of Placental Transcriptome Data Identifies a Novel Molecular Pathway Related to Preeclampsia. <i>PLoS ONE</i> , 2015, 10, e0132468.	1.1	46
12	SFlt-1 Elevates Blood Pressure by Augmenting Endothelin-1-Mediated Vasoconstriction in Mice. <i>PLoS ONE</i> , 2014, 9, e91897.	1.1	44
13	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.	0.9	40
14	Platelet-Derived Growth Factor Receptor- $\alpha$ in Ventricular Zone Cells and in Developing Neurons. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 1001-1013.	1.0	38
15	The idiopathic preterm delivery methylation profile in umbilical cord blood DNA. <i>BMC Genomics</i> , 2015, 16, 736.	1.2	33
16	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, 31-37.	1.5	28
17	Resistance Artery Creatine Kinase mRNA and Blood Pressure in Humans. <i>Hypertension</i> , 2014, 63, 68-73.	1.3	28
18	Transglutaminase 2 is secreted from smooth muscle cells by transamidation-dependent microparticle formation. <i>Amino Acids</i> , 2012, 42, 961-973.	1.2	26

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19	Increased glucocerebrosidase expression and activity in preeclamptic placenta. <i>Placenta</i> , 2015, 36, 160-169.	0.7	26
20	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, 14459-14463.	3.3	25
21	Specific expression in mouse mesoderm- and neural crest-derived tissues of a human PDGFRA promoter/lacZ transgene. <i>Mechanisms of Development</i> , 1998, 70, 167-180.	1.7	23
22	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.	0.4	23
23	Comparison of chromosome 3p deletions between cervical precancers synchronous with and without invasive cancer. , 2000, 86, 518-523.		21
24	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.	1.1	21
25	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, 307-311.	2.1	20
26	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, 131-136.	1.8	20
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, 358-367.	0.6	19
28	Haplotype-specific expression of the human <i>PDGFRA</i> gene correlates with the risk of glioblastomas. <i>International Journal of Cancer</i> , 2008, 123, 322-329.	2.3	18
29	Iodotyrosine Deiodinase Defect Identified via Genome-Wide Approach. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1276-E1283.	1.8	18
30	The apelinergic-axis in human preeclamptic pregnancies: A systematic review. <i>Pregnancy Hypertension</i> , 2019, 17, 148-157.	0.6	17
31	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.	1.6	17
32	Initial Characterization of <i>C16orf89</i> , A Novel Thyroid-Specific Gene. <i>Thyroid</i> , 2010, 20, 811-821.	2.4	13
33	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, 254-260.	1.8	11
34	C/EBP is an essential component of PDGFRA transcription in MG-63 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 313-318.	1.0	10
35	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, 308-321.	1.0	9
36	Plasma ceramide is increased and associated with proteinuria in women with pre-eclampsia and HELLP syndrome. <i>Pregnancy Hypertension</i> , 2020, 19, 100-105.	0.6	9

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37	Soluble syndecan-1 and glycosaminoglycans in preeclamptic and normotensive pregnancies. <i>Scientific Reports</i> , 2021, 11, 4387.	1.6	9
38	Placental expression of heparan sulfate 3-O-sulfotransferase-3A1 in normotensive and pre-eclamptic pregnancies. <i>Placenta</i> , 2015, 36, 1218-1224.	0.7	8
39	Lysophosphatidic acid and bradykinin have opposite effects on phenotypic transformation of normal rat kidney cells. <i>Journal of Cellular Biochemistry</i> , 1994, 56, 480-489.	1.2	7
40	The Clinical and Molecular Relations Between Idiopathic Preterm Labor and Maternal Congenital Heart Defects. <i>Reproductive Sciences</i> , 2013, 20, 190-201.	1.1	7
41	Knockdown of Splicing Complex Protein PCBP2 Reduces Extravillous Trophoblast Differentiation Through Transcript Switching. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671806.	1.8	7
42	Higher decidua EB13 and HLA-G mRNA expression in preeclampsia: Cause or consequence of preeclampsia. <i>Human Immunology</i> , 2016, 77, 68-70.	1.2	6
43	Circular RNA Sequencing of Maternal Platelets: A Novel Tool for the Identification of Pregnancy-Specific Biomarkers. <i>Clinical Chemistry</i> , 2021, 67, 508-517.	1.5	6
44	Cli1 is not required for Pdgfr $\alpha$ expression during mouse embryonic development. <i>Differentiation</i> , 2005, 73, 109-119.	1.0	4
45	HELLP syndrome preceded by intrahepatic cholestasis of pregnancy: one serious itch. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013203208-bcr2013203208.	0.2	4
46	The bivariate NRIP1/ZEB2 RNA marker permits non-invasive presymptomatic screening of pre-eclampsia. <i>Scientific Reports</i> , 2020, 10, 21857.	1.6	3
47	TBX2, a Novel Regulator of Labour. <i>Medicina (Lithuania)</i> , 2021, 57, 515.	0.8	2
48	In silico analysis of the <i>Mus musculus</i> uterine gene expression landscape during pregnancy identifies putative upstream regulators for labour. <i>PLoS ONE</i> , 2018, 13, e0204236.	1.1	1
49	Comparison of chromosome 3p deletions between cervical precancers synchronous with and without invasive cancer. , 2000, 86, 518.		1
50	[65-OR]. <i>Pregnancy Hypertension</i> , 2015, 5, 34.	0.6	0
51	[271-POS]. <i>Pregnancy Hypertension</i> , 2015, 5, 135-136.	0.6	0
52	Substrate-dependent localization of transglutaminase 2. <i>FASEB Journal</i> , 2010, 24, 822.1.	0.2	0