

Chong Jai Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3757696/publications.pdf>

Version: 2024-02-01

186
papers

12,495
citations

31974

53
h-index

27402

106
g-index

187
all docs

187
docs citations

187
times ranked

10532
citing authors

#	ARTICLE	IF	CITATIONS
1	Fetal exposure to an intra-amniotic inflammation and the development of cerebral palsy at the age of three years. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 182, 675-681.	1.3	731
2	Acute chorioamnionitis and funisitis: definition, pathologic features, and clinical significance. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S29-S52.	1.3	689
3	Microbial Prevalence, Diversity and Abundance in Amniotic Fluid During Preterm Labor: A Molecular and Culture-Based Investigation. <i>PLoS ONE</i> , 2008, 3, e3056.	2.5	653
4	Amniotic fluid interleukin-6: A sensitive test for antenatal diagnosis of acute inflammatory lesions of preterm placenta and prediction of perinatal morbidity. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 172, 960-970.	1.3	485
5	The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 1124-1129.	1.3	404
6	Prevalence and Clinical Significance of Sterile Intra-amniotic Inflammation in Patients with Preterm Labor and Intact Membranes. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 458-474.	1.2	382
7	Chronic inflammation of the placenta: definition, classification, pathogenesis, and clinical significance. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S53-S69.	1.3	376
8	High expression of tumor necrosis factor- α and interleukin-6 in periventricular leukomalacia. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 177, 406-411.	1.3	368
9	Sterile and microbial-associated intra-amniotic inflammation in preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1394-1409.	1.5	328
10	Alteration of fatty acid oxidation by increased CPT1A on replicative senescence of placenta-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 1.	5.5	311
11	Experimentally induced intrauterine infection causes fetal brain white matter lesions in rabbits. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 177, 797-802.	1.3	271
12	Placental lesions associated with maternal underperfusion are more frequent in early-onset than in late-onset preeclampsia. <i>Journal of Perinatal Medicine</i> , 2011, 39, 641-52.	1.4	228
13	Placenta-on-a-chip: a novel platform to study the biology of the human placenta. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1046-1054.	1.5	218
14	A primate subfamily of galectins expressed at the maternal-fetal interface that promote immune cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9731-9736.	7.1	200
15	The frequency, clinical significance, and pathological features of chronic chorioamnionitis: a lesion associated with spontaneous preterm birth. <i>Modern Pathology</i> , 2010, 23, 1000-1011.	5.5	200
16	Damage-associated molecular patterns (DAMPs) in preterm labor with intact membranes and preterm PROM: a study of the alarmin HMGB1. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 1444-1455.	1.5	191
17	Villitis of Unknown Etiology Is Associated with a Distinct Pattern of Chemokine Up-Regulation in the Feto-Maternal and Placental Compartments: Implications for Conjoint Maternal Allograft Rejection and Maternal Anti-Fetal Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2009, 182, 3919-3927.	0.8	176
18	A Novel Molecular Microbiologic Technique for the Rapid Diagnosis of Microbial Invasion of the Amniotic Cavity and Intra-Amniotic Infection in Preterm Labor with Intact Membranes. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 330-358.	1.2	176

#	ARTICLE	IF	CITATIONS
19	MS-27-275, an inhibitor of histone deacetylase, has marked in vitro and in vivo antitumor activity against pediatric solid tumors. <i>Cancer Research</i> , 2002, 62, 6108-15.	0.9	170
20	Incorporation of Immune Checkpoint Blockade into Chimeric Antigen Receptor T Cells (CAR-Ts): Combination or Built-In CAR-T. <i>International Journal of Molecular Sciences</i> , 2018, 19, 340.	4.1	157
21	Brain-derived neurotrophic factor activation of TrkB protects neuroblastoma cells from chemotherapy-induced apoptosis via phosphatidylinositol 3'-kinase pathway. <i>Cancer Research</i> , 2002, 62, 6756-63.	0.9	157
22	Normal and abnormal transformation of the spiral arteries during pregnancy. <i>Journal of Perinatal Medicine</i> , 2006, 34, 447-58.	1.4	148
23	Integrated Systems Biology Approach Identifies Novel Maternal and Placental Pathways of Preeclampsia. <i>Frontiers in Immunology</i> , 2018, 9, 1661.	4.8	146
24	Leukodystrophy in Children: A Pictorial Review of MR Imaging Features. <i>Radiographics</i> , 2002, 22, 461-476.	3.3	144
25	Late-onset preeclampsia is associated with an imbalance of angiogenic and anti-angiogenic factors in patients with and without placental lesions consistent with maternal underperfusion. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 498-507.	1.5	136
26	The frequency and type of placental histologic lesions in term pregnancies with normal outcome. <i>Journal of Perinatal Medicine</i> , 2018, 46, 613-630.	1.4	135
27	Widespread microbial invasion of the chorioamniotic membranes is a consequence and not a cause of intra-amniotic infection. <i>Laboratory Investigation</i> , 2009, 89, 924-936.	3.7	133
28	Maternal blood C-reactive protein, white blood cell count, and temperature in preterm labor: A comparison with amniotic fluid white blood cell count. <i>Obstetrics and Gynecology</i> , 1996, 87, 231-237.	2.4	127
29	miR-210 Targets Iron-Sulfur Cluster Scaffold Homologue in Human Trophoblast Cell Lines. <i>American Journal of Pathology</i> , 2011, 179, 590-602.	3.8	127
30	Progesterone receptor isoform (A/B) ratio of human fetal membranes increases during term parturition. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1156-1160.	1.3	126
31	A Signature of Maternal Anti-Fetal Rejection in Spontaneous Preterm Birth: Chronic Chorioamnionitis, Anti-Human Leukocyte Antigen Antibodies, and C4d. <i>PLoS ONE</i> , 2011, 6, e16806.	2.5	121
32	The anti-inflammatory limb of the immune response in preterm labor, intra-amniotic infection/inflammation, and spontaneous parturition at term: A role for interleukin-10. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 529-547.	1.5	119
33	The fetal inflammatory response syndrome: the origins of a concept, pathophysiology, diagnosis, and obstetrical implications. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101146.	2.3	113
34	CXCL10/IP-10: A missing link between inflammation and anti-angiogenesis in preeclampsia?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 777-792.	1.5	112
35	Umbilical arteritis and phlebitis mark different stages of the fetal inflammatory response. <i>American Journal of Obstetrics and Gynecology</i> , 2001, 185, 496-500.	1.3	105
36	Evidence of the involvement of caspase-1 under physiologic and pathologic cellular stress during human pregnancy: A link between the inflammasome and parturition. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 605-616.	1.5	98

#	ARTICLE	IF	CITATIONS
37	Maternal plasma angiogenic index-1 (placental growth factor/soluble vascular endothelial growth) underperfusion: a longitudinal case-cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 629.e1-629.e17.	1.3	91
38	A role of the anti-angiogenic factor sVEGFR-1 in the "mirror syndrome" (Ballantyne's syndrome). <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2006, 19, 607-613.	1.5	88
39	A "multi-hit" model of neonatal white matter injury: cumulative contributions of chronic placental inflammation, acute fetal inflammation and postnatal inflammatory events. <i>Journal of Perinatal Medicine</i> , 2014, 42, 731-43.	1.4	88
40	Clinical chorioamnionitis is characterized by changes in the expression of the alarmin HMGB1 and one of its receptors, sRAGE. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 558-567.	1.5	87
41	The transcriptome of cervical ripening in human pregnancy before the onset of labor at term: Identification of novel molecular functions involved in this process. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 1183-1193.	1.5	84
42	Galectins: guardians of eutherian pregnancy at the maternal-fetal interface. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 23-31.	7.1	82
43	Acute funisitis of preterm but not term placentas is associated with severe fetal inflammatory response. <i>Human Pathology</i> , 2001, 32, 623-629.	2.0	80
44	Funisitis in term pregnancy is associated with microbial invasion of the amniotic cavity and intra-amniotic inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2006, 19, 693-697.	1.5	77
45	The frequency of acute atherosclerosis in normal pregnancy and preterm labor, preeclampsia, small-for-gestational age, fetal death and midtrimester spontaneous abortion. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 2001-2009.	1.5	76
46	A subset of patients destined to develop spontaneous preterm labor has an abnormal angiogenic/anti-angiogenic profile in maternal plasma: Evidence in support of pathophysiologic heterogeneity of preterm labor derived from a longitudinal study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 1122-1139.	1.5	71
47	Proteome analysis of human amnion and amniotic fluid by two-dimensional electrophoresis and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Proteomics</i> , 2006, 6, 349-363.	2.2	68
48	Umbilical cord-derived mesenchymal stem cell extracts reduce colitis in mice by re-polarizing intestinal macrophages. <i>Scientific Reports</i> , 2017, 7, 9412.	3.3	65
49	<sc>CXCL10 and <sc>IL6: Markers of two different forms of intra-amniotic inflammation in preterm labor. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12685.	1.2	63
50	Protective role of endogenous plasmalogens against hepatic steatosis and steatohepatitis in mice. <i>Hepatology</i> , 2017, 66, 416-431.	7.3	61
51	Clinical chorioamnionitis at term VI: acute chorioamnionitis and funisitis according to the presence or absence of microorganisms and inflammation in the amniotic cavity. <i>Journal of Perinatal Medicine</i> , 2015, 44, 33-51.	1.4	59
52	Region-Specific Gene Expression Profiling: Novel Evidence for Biological Heterogeneity of the Human Amnion1. <i>Biology of Reproduction</i> , 2008, 79, 954-961.	2.7	58
53	Unexplained fetal death has a biological signature of maternal anti-fetal rejection: chronic chorioamnionitis and alloimmune anti-human leucocyte antigen antibodies. <i>Histopathology</i> , 2011, 59, 928-938.	2.9	56
54	Galectins: Double-edged Swords in the Cross-roads of Pregnancy Complications and Female Reproductive Tract Inflammation and Neoplasia. <i>Journal of Pathology and Translational Medicine</i> , 2015, 49, 181-208.	1.1	54

#	ARTICLE	IF	CITATIONS
55	Evidence of maternal platelet activation, excessive thrombin generation, and high amniotic fluid tissue factor immunoreactivity and functional activity in patients with fetal death. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 672-687.	1.5	51
56	Characterization of the Fetal Blood Transcriptome and Proteome in Maternal Anti-Fetal Rejection: Evidence of a Distinct and Novel Type of Human Fetal Systemic Inflammatory Response. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 265-284.	1.2	50
57	Histology of Gastroesophageal Junction in Fetal and Pediatric Autopsy. <i>Archives of Pathology and Laboratory Medicine</i> , 2003, 127, 451-455.	2.5	50
58	miR-143 Regulation of Prostaglandin-Endoperoxidase Synthase 2 in the Amnion: Implications for Human Parturition at Term. <i>PLoS ONE</i> , 2011, 6, e24131.	2.5	48
59	A role for CXCL13 (BCA-1) in pregnancy and intra-amniotic infection/inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 763-775.	1.5	47
60	Up-Regulation of Insulin-Like Growth Factor-II Expression Is a Feature of TrkA but Not TrkB Activation in SH-SY5Y Neuroblastoma Cells. <i>American Journal of Pathology</i> , 1999, 155, 1661-1670.	3.8	45
61	Differential expression of microRNAs with progression of gestation and inflammation in the human chorioamniotic membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 289.e1-289.e6.	1.3	45
62	PP13, Maternal ABO Blood Groups and the Risk Assessment of Pregnancy Complications. <i>PLoS ONE</i> , 2011, 6, e21564.	2.5	45
63	Granulocytic Sarcoma in MLL-Positive Infant Acute Myelogenous Leukemia. <i>American Journal of Pathology</i> , 2001, 159, 2011-2016.	3.8	43
64	Pravastatin to prevent recurrent fetal death in massive perivillous fibrin deposition of the placenta (MPFD). <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 855-862.	1.5	43
65	Over-expression of the thrombin receptor (PAR-1) in the placenta in preeclampsia: A mechanism for the intersection of coagulation and inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 345-355.	1.5	42
66	Eosinophilic/T-cell Chorionic Vasculitis: A Clinicopathologic and Immunohistochemical Study of 51 Cases. <i>Pediatric and Developmental Pathology</i> , 2011, 14, 198-205.	1.0	42
67	Characterization of the myometrial transcriptome in women with an arrest of dilatation during labor. <i>Journal of Perinatal Medicine</i> , 2013, 41, 665-681.	1.4	42
68	Tissue microarray: An effective high-throughput method to study the placenta for clinical and research purposes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2006, 19, 509-515.	1.5	41
69	Three-Dimensional Sonography of Placental Mesenchymal Dysplasia and Its Differential Diagnosis. <i>Journal of Ultrasound in Medicine</i> , 2009, 28, 359-368.	1.7	41
70	Primary intramedullary spinal cord primitive neuroectodermal tumor with intracranial seeding in an infant. <i>Child's Nervous System</i> , 1996, 12, 633-6.	1.1	40
71	Chorionic plate vessels as an origin of amniotic fluid neutrophils. <i>Pathology International</i> , 2004, 54, 516-522.	1.3	39
72	Complex bronchopulmonary foregut malformation: extralobar pulmonary sequestration associated with a duplication cyst of mixed bronchogenic and oesophageal type. <i>Pediatric Radiology</i> , 2001, 31, 265-268.	2.0	37

#	ARTICLE	IF	CITATIONS
73	Cisplatin-induced cytotoxicity is blocked by brain-derived neurotrophic factor activation of TrkB signal transduction path in neuroblastoma. <i>Cancer Letters</i> , 2003, 193, 109-114.	7.2	37
74	Placental lesions associated with acute atherosclerosis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1554-1562.	1.5	36
75	Surfactant Protein-A as an Anti-Inflammatory Component in the Amnion: Implications for Human Pregnancy. <i>Journal of Immunology</i> , 2010, 184, 6479-6491.	0.8	35
76	Premature labor: a state of platelet activation?. <i>Journal of Perinatal Medicine</i> , 2008, 36, 377-87.	1.4	34
77	Gene expression profile analyses of cortical dysplasia by cDNA arrays. <i>Epilepsy Research</i> , 2003, 56, 175-183.	1.6	32
78	p53 Mutation and overexpression in hepatocellular carcinoma and dysplastic nodules in the liver. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1998, 432, 27-32.	2.8	31
79	Expression of bone morphogenetic protein 2 in normal spontaneous labor at term, preterm labor, and preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1137-1143.	1.3	31
80	Changes in amniotic fluid concentration of thrombin-antithrombin III complexes in patients with preterm labor: Evidence of an increased thrombin generation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 971-982.	1.5	31
81	The prediction of fetal death with a simple maternal blood test at 24-28 weeks: a role for angiogenic index-1 (PlGF/sVEGFR-1 ratio). <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 682.e1-682.e13.	1.3	31
82	Fetal death: an extreme manifestation of maternal anti-fetal rejection. <i>Journal of Perinatal Medicine</i> , 2017, 45, 851-868.	1.4	31
83	Coexpression of myofibroblast and macrophage markers: novel evidence for an in vivo plasticity of chorioamniotic mesodermal cells of the human placenta. <i>Laboratory Investigation</i> , 2008, 88, 365-374.	3.7	29
84	Idiopathic hypereosinophilic syndrome terminating as disseminated T-cell lymphoma. <i>Cancer</i> , 1991, 67, 1064-1069.	4.1	28
85	Histo-topographic distribution of acute inflammation of the human umbilical cord. <i>Pathology International</i> , 2001, 51, 861-865.	1.3	28
86	Characteristic Changes in Decidual Gene Expression Signature in Spontaneous Term Parturition. <i>Journal of Pathology and Translational Medicine</i> , 2017, 51, 264-283.	1.1	28
87	Umbilical cord-derived mesenchymal stem cell extracts ameliorate atopic dermatitis in mice by reducing the T cell responses. <i>Scientific Reports</i> , 2019, 9, 6623.	3.3	28
88	Warfarin-associated Fetal Intracranial Hemorrhage: A Case Report. <i>Journal of Korean Medical Science</i> , 2003, 18, 764.	2.5	27
89	Plasma protein Z concentrations in pregnant women with idiopathic intrauterine bleeding and in women with spontaneous preterm labor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 453-463.	1.5	27
90	Acute pyelonephritis during pregnancy changes the balance of angiogenic and anti-angiogenic factors in maternal plasma. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 167-178.	1.5	27

#	ARTICLE	IF	CITATIONS
91	Clinical chorioamnionitis at term X: microbiology, clinical signs, placental pathology, and neonatal bacteremia – implications for clinical care. <i>Journal of Perinatal Medicine</i> , 2021, 49, 275-298.	1.4	27
92	Foregut Choristoma of the Ileum, (Adenomyoma)-A Case Report. <i>Pediatric Pathology</i> , 1990, 10, 799-805.	0.5	26
93	Interleukin-33 in the human placenta. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 327-338.	1.5	26
94	The histological spectrum of subperiosteal fibrocartilaginous pseudotumor of long bone (focal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.3	25
95	Germline and somatic mtDNA mutations in mouse aging. <i>PLoS ONE</i> , 2018, 13, e0201304.	2.5	24
96	Low incidence of TEL/AML1 fusion and TEL deletion in Korean childhood acute leukemia by extra-signal fluorescence in situ hybridization. <i>Cancer Genetics and Cytogenetics</i> , 2001, 126, 73-77.	1.0	23
97	Fetal macrophages are not present in the myometrium of women with labor at term. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 829-833.	1.3	23
98	CRISPR/Cas9-Mediated Correction of the FANCD1 Gene in Primary Patient Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1269.	4.1	23
99	Fungal discitis due to <i>Aspergillus terreus</i> in a patient with acute lymphoblastic leukemia. <i>Journal of Korean Medical Science</i> , 2000, 15, 704.	2.5	22
100	Interleukin-19 in fetal systemic inflammation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 995-1005.	1.5	22
101	Differential Expression Patterns of a Disintegrin and Metalloproteinase With Thrombospondin Motifs (ADAMTS) -1, -4, -5, and -14 in Human Placenta and Gestational Trophoblastic Diseases. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 643-650.	2.5	22
102	Increased miR-223 expression in foetal organs is a signature of acute chorioamnionitis with systemic consequences. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1179-1189.	3.6	22
103	Disorders of placental villous maturation in fetal death. <i>Journal of Perinatal Medicine</i> , 2020, .	1.4	22
104	Unusual Perirenal Location of a Tailgut Cyst. <i>Korean Journal of Radiology</i> , 2002, 3, 267.	3.4	21
105	The concentration of surfactant protein-A in amniotic fluid decreases in spontaneous human parturition at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 652-659.	1.5	21
106	Alterations in maternal-fetal cellular trafficking after fetal surgery. <i>Journal of Pediatric Surgery</i> , 2012, 47, 1089-1094.	1.6	21
107	Cediranib inhibits both the intraosseous growth of PDGF –Positive prostate cancer cells and the associated bone reaction. <i>Prostate</i> , 2012, 72, 1328-1338.	2.3	21
108	Patterns of p53 expression in phyllodes tumors of the breast: an immunohistochemical study. <i>Journal of Korean Medical Science</i> , 1993, 8, 325.	2.5	20

#	ARTICLE	IF	CITATIONS
109	Placental C4d deposition is a feature of defective placentation: observations in cases of preeclampsia and miscarriage. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 466, 717-725.	2.8	20
110	Overexpression of C-reactive Protein as a Poor Prognostic Marker of Resectable Hepatocellular Carcinomas. <i>Journal of Pathology and Translational Medicine</i> , 2015, 49, 105-111.	1.1	20
111	Evidence for a Spatial and Temporal Regulation of Prostaglandin-Endoperoxide Synthase 2 Expression in Human Amnion in Term and Preterm Parturition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E86-E91.	3.6	19
112	Differential activation of mitogen activated protein kinases and nuclear factor- κ B in lipopolysaccharide-treated term and preterm amnion cells. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005, 447, 45-52.	2.8	18
113	Maternal anti-protein Z antibodies in pregnancies complicated by pre-eclampsia, SGA and fetal death. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 662-671.	1.5	18
114	Ethical challenges regarding artificial intelligence in medicine from the perspective of scientific editing and peer review. <i>Science Editing</i> , 2019, 6, 91-98.	0.8	18
115	Discordant placental echogenicity: a novel sign of impaired placental perfusion in twin-twin transfusion syndrome?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 103-106.	1.5	17
116	Polymorphisms in maternal and fetal genes encoding for proteins involved in extracellular matrix metabolism alter the risk for small-for-gestational-age. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 362-380.	1.5	17
117	SHP2 is induced by the HBx-NF- κ B pathway and contributes to fibrosis during human early hepatocellular carcinoma development. <i>Oncotarget</i> , 2017, 8, 27263-27276.	1.8	17
118	High serum CRP influences myocardial miRNA profiles in ischemia-reperfusion injury of rat heart. <i>PLoS ONE</i> , 2019, 14, e0216610.	2.5	17
119	Disorders of placental villous maturation are present in one-third of cases with spontaneous preterm labor. <i>Journal of Perinatal Medicine</i> , 2021, 49, 412-430.	1.4	17
120	The Rho-associated kinase inhibitor fasudil can replace Y-27632 for use in human pluripotent stem cell research. <i>PLoS ONE</i> , 2020, 15, e0233057.	2.5	16
121	Leiomyoma in the Posterior Choroid: A Case Report. <i>Journal of Korean Medical Science</i> , 2002, 17, 429.	2.5	15
122	Arsenic trioxide concentration determines the fate of Ewing's sarcoma family tumors and neuroblastoma cells in vitro. <i>FEBS Letters</i> , 2006, 580, 4969-4975.	2.8	15
123	Clinicopathological characteristics of miscarriages featuring placental massive perivillous fibrin deposition. <i>Placenta</i> , 2019, 86, 45-51.	1.5	15
124	The pattern and magnitude of <i>in vivo</i> thrombin generation differ in women with preeclampsia and in those with SGA fetuses without preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1671-1680.	1.5	14
125	Chronic Placental Inflammation as a Risk Factor of Severe Retinopathy of Prematurity. <i>Journal of Pathology and Translational Medicine</i> , 2018, 52, 290-297.	1.1	14
126	Clinicopathologic study of Castleman's disease in Korea. <i>Journal of Korean Medical Science</i> , 2000, 15, 393.	2.5	13

#	ARTICLE	IF	CITATIONS
127	MR findings of tuberculous dactylitis: case report. <i>European Journal of Radiology</i> , 2001, 39, 163-167.	2.6	13
128	Pyelonephritis during pregnancy: A cause for an acquired deficiency of protein Z. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 629-637.	1.5	13
129	MR imaging findings of uveal leiomyoma: three cases. <i>American Journal of Neuroradiology</i> , 2005, 26, 100-3.	2.4	13
130	Imaging Findings After Fat Graft Interposition in an Injured Growth Plate. <i>Investigative Radiology</i> , 2003, 38, 695-703.	6.2	12
131	TRF2 is in neuroglial cytoplasm and induces neurite-like processes. <i>FEBS Letters</i> , 2004, 557, 129-132.	2.8	12
132	Magnetic Resonance Imaging of Remaining Physis in Partial Physeal Resection With Graft Interposition in a Rabbit Model. <i>Investigative Radiology</i> , 2005, 40, 235-242.	6.2	12
133	Gene expression profiling demonstrates a novel role for foetal fibrocytes and the umbilical vessels in human fetoplacental development. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1317-1330.	3.6	12
134	Placental C4d as a common feature of chromosomally normal and abnormal miscarriages. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 464, 613-620.	2.8	12
135	Umbilical cord prostaglandins in term and preterm parturition. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 523-531.	1.5	12
136	Tissue factor activity in women with preeclampsia or SGA: a potential explanation for the excessive thrombin generation in these syndromes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1568-1577.	1.5	12
137	Bacterial overexpression and purification of soluble recombinant human serum albumin using maltose-binding protein and protein disulphide isomerase. <i>Protein Expression and Purification</i> , 2020, 167, 105530.	1.3	12
138	Glycogen Phosphorylase Isoenzyme BB Plasma Concentration Is Elevated in Pregnancy and Preterm Preeclampsia. <i>Hypertension</i> , 2012, 59, 274-282.	2.7	11
139	Soluble Cytoplasmic Expression and Purification of Immunotoxin HER2(scFv)-PE24B as a Maltose Binding Protein Fusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6483.	4.1	11
140	A chemical conjugate between HER2-targeting antibody fragment and Pseudomonas exotoxin A fragment demonstrates cytotoxic effects on HER2-expressing breast cancer cells. <i>BMB Reports</i> , 2019, 52, 496-501.	2.4	11
141	Identification of extremely rare mitochondrial disorders by whole exome sequencing. <i>Journal of Human Genetics</i> , 2019, 64, 1117-1125.	2.3	10
142	Prokaryotic soluble overexpression and purification of oncostatin M using a fusion approach and genetically engineered E. coli strains. <i>Scientific Reports</i> , 2019, 9, 13706.	3.3	10
143	Aneurysmal ("angiomatoid") fibrous histiocytoma in a child. <i>Journal of Korean Medical Science</i> , 1989, 4, 159.	2.5	9
144	Telangiectatic Focal Nodular Hyperplasia of the Liver: A Case Detected at Birth. <i>Journal of Korean Medical Science</i> , 2003, 18, 746.	2.5	9

#	ARTICLE	IF	CITATIONS
145	Subependymoma in the third ventricle in a child. <i>Clinical Imaging</i> , 2004, 28, 381-384.	1.5	9
146	A novel mutation of the human 7-dehydrocholesterol reductase gene reduces enzyme activity in patients with holoprosencephaly. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 219-223.	2.1	9
147	Amniotic fluid fetal hemoglobin in normal pregnancies and pregnancies complicated with preterm labor or prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 388-397.	1.5	9
148	Identification of Epstein-Barr Virus in the Human Placenta and Its Pathologic Characteristics. <i>Journal of Korean Medical Science</i> , 2017, 32, 1959.	2.5	9
149	Achondrogenesis type II (Langer-Saldino achondrogenesis): a case report. <i>Journal of Korean Medical Science</i> , 2000, 15, 604.	2.5	8
150	Evaluation of Testicular Viability by Power Doppler Ultrasonography in Experimentally Induced Acute Testicular Torsion. <i>Investigative Radiology</i> , 2005, 40, 682-687.	6.2	8
151	Atypical Manifestation of Carnitine Palmitoyltransferase 1A Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, e19-22.	1.8	8
152	Acute funisitis is associated with distinct changes in fetal hematologic profile. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 588-593.	1.5	8
153	Diagnostic Significance of Cellular Neuroglial Tissue in Ovarian Immature Teratoma. <i>Journal of Pathology and Translational Medicine</i> , 2017, 51, 49-55.	1.1	8
154	Activation of trkA Induces Differentiation and Inhibits the Growth of JK-GMS Askin Tumor Cells. <i>Laboratory Investigation</i> , 2002, 82, 221-229.	3.7	7
155	Histological, biochemical, and genetic characterization of early-onset fulminating sialidosis type 2 in a Korean neonate with hydrops fetalis. <i>Brain and Development</i> , 2014, 36, 171-175.	1.1	7
156	CRP immunodeposition and proteomic analysis in abdominal aortic aneurysm. <i>PLoS ONE</i> , 2021, 16, e0245361.	2.5	7
157	Expression of promyelocytic leukemia protein increases during the differentiation of human neuroblastoma cells. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 442, 278-283.	2.8	6
158	The effect of C-reactive protein deposition on myocardium with ischaemiaâ€“reperfusion injury in rats. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 260-267.	1.1	6
159	Antinociceptive and Anti-Inflammatory Effects of Recombinant Crostamine in Mouse Models of Pain. <i>Toxins</i> , 2021, 13, 707.	3.4	6
160	Relationship between Maternal and Fetal Plasma Glucose and Insulin Concentrations during Graded Maternal Hyperglycemic States in Primates. <i>American Journal of Perinatology</i> , 2006, 23, 369-376.	1.4	5
161	Allogeneic epithelial cell sheet transplantation for preventing esophageal stricture after circumferential ESD in a porcine model: preliminary results. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 598-603.	1.5	5
162	C-reactive Protein Overexpression in the Background Liver of Hepatitis B Virusâ€“Associated Hepatocellular Carcinoma Is a Prognostic Biomarker. <i>Journal of Pathology and Translational Medicine</i> , 2018, 52, 267-274.	1.1	5

#	ARTICLE	IF	CITATIONS
163	Identification of a novel therapeutic target underlying atypical manifestation of Gaucher disease. <i>Clinical and Translational Medicine</i> , 2022, 12, e862.	4.0	5
164	Gastrointestinal manifestations of Henoch-Schonlein purpura. <i>Journal of Korean Medical Science</i> , 1990, 5, 101.	2.5	4
165	Placental Lesions Associated With Maternal Underperfusion Are More Frequent in Early-Onset Than in Late-Onset Preeclampsia. <i>Obstetrical and Gynecological Survey</i> , 2012, 67, 154-155.	0.4	4
166	Three Novel Pathogenic Mutations in <i>KIF26B</i> and <i>ATP2B4</i> Channel Genes and Somatic Imprinting Alterations of the 11p15 Region in Pancreatic Tissue in Patients with Congenital Hyperinsulinism. <i>Hormone Research in Paediatrics</i> , 2015, 83, 204-210.	1.8	4
167	Characterization of amniotic fluid sludge in preterm and term gestations. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, , 1-10.	1.5	4
168	Chronic progressive external ophthalmoplegia (CPEO) with 'ragged red fibers': a case report. <i>Journal of Korean Medical Science</i> , 1989, 4, 91.	2.5	3
169	Soluble Prokaryotic Overexpression and Purification of Human GM-CSF Using the Protein Disulfide Isomerase β Domain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5267.	4.1	3
170	Adrenal Cortical Neoplasm with Uncertain Malignant Potential Arising in the Heterotopic Adrenal Cortex in the Liver of a Patient with Beckwith-Wiedemann Syndrome. <i>Journal of Pathology and Translational Medicine</i> , 2019, 53, 129-135.	1.1	3
171	Unusual Endobronchial Pulmonary Epithelioid Hemangioendothelioma. <i>International Journal of Surgical Pathology</i> , 1995, 3, 59-63.	0.8	2
172	Proliferating cell nuclear antigen expression in Wilms' tumor: A comparative study of pre- and post-chemotherapy specimens. <i>Pathology International</i> , 1996, 46, 137-141.	1.3	1
173	Diffuse decidual leucocytoclastic necrosis and NK cell aggregates: two distinct features of miscarriage. <i>Journal of Clinical Pathology</i> , 2015, 68, 119-124.	2.0	1
174	Wharton Jelly Hair in a Case of Umbilical Cord Stricture and Fetal Death. <i>Journal of Pathology and Translational Medicine</i> , 2019, 53, 145-147.	1.1	1
175	Lipid signatures reflect the function of the murine primary placentation. <i>Biology of Reproduction</i> , 2022, 106, 583-596.	2.7	1
176	Malignant histiocytosis: Clinicopathologic review of 18 cases with immunohistochemical study. <i>Journal of Korean Medical Science</i> , 1988, 3, 63.	2.5	0
177	An Experimental Study on Imaging Diagnosis of Cerebral Sparganosis. <i>Journal of the Korean Radiological Society</i> , 1995, 33, 171.	0.0	0
178	123: Is premature labor a state of platelet activation?. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, S47.	1.3	0
179	A case of prenatally diagnosed extrapulmonary arteriovenous malformation associated with a complex heart defect. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 544.	1.6	0
180	SNP-Based Fetal DNA Detection in Maternal Serum Using the HID-Ion AmpliSeq [®] Identity Panel. <i>Korean Journal of Legal Medicine</i> , 2017, 41, 41.	0.3	0

#	ARTICLE	IF	CITATIONS
181	Biochemical and molecular analyses of infantile sialic acid storage disease in a patient with nonimmune hydrops fetalis. <i>Clinica Chimica Acta</i> , 2018, 482, 199-202.	1.1	0
182	Mirror Syndrome Resulting from Metastatic Congenital Neuroblastoma to Placenta. <i>Perinatology</i> , 2018, 29, 189.	0.1	0
183	Role of Ischemic Preconditioning in the Cardioprotective Mechanisms of Monomeric C-Reactive Protein-Deposited Myocardium in a Rat Model. <i>Journal of Chest Surgery</i> , 2021, 54, 9-16.	0.5	0
184	Novel Bacterial Production of Two Different Bioactive Forms of Human Stem-Cell Factor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6361.	4.1	0
185	MR Findings of Subacute Necrotizing Myelopathy: Case Report. <i>Journal of the Korean Radiological Society</i> , 1994, 30, 639.	0.0	0
186	In Memory of Professor Je Geun Chi, a Great Mentor and Pathologist. <i>Journal of Pathology and Translational Medicine</i> , 2015, 49, 425-426.	1.1	0