

Cheuk-Lun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,621
citations

257101

24
h-index

315357

38
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62
all docs

62
docs citations

62
times ranked

2057
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Sperm Binding Is Mediated by the Sialyl-Lewis ^x Oligosaccharide on the Zona Pellucida. <i>Science</i> , 2011, 333, 1761-1764.	6.0	278
2	Soluble human leukocyte antigen G5 polarizes differentiation of macrophages toward a decidual macrophage-like phenotype. <i>Human Reproduction</i> , 2015, 30, 2263-2274.	0.4	64
3	Glycodelin-A as a paracrine regulator in early pregnancy. <i>Journal of Reproductive Immunology</i> , 2011, 90, 29-34.	0.8	60
4	Glycodelin-A Protein Interacts with Siglec-6 Protein to Suppress Trophoblast Invasiveness by Down-regulating Extracellular Signal-regulated Kinase (ERK)/c-Jun Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2011, 286, 37118-37127.	1.6	57
5	Role of Endoplasmic Reticulum Stress in Proinflammatory Cytokine-Mediated Inhibition of Trophoblast Invasion in Placenta-Related Complications of Pregnancy. <i>American Journal of Pathology</i> , 2019, 189, 467-478.	1.9	56
6	Effects of Differential Glycosylation of Glycodelins on Lymphocyte Survival. <i>Journal of Biological Chemistry</i> , 2009, 284, 15084-15096.	1.6	54
7	Glycosylation Failure Extends to Glycoproteins in Gestational Diabetes Mellitus. <i>Diabetes</i> , 2011, 60, 909-917.	0.3	53
8	Placenta-Derived Exosomes as a Modulator in Maternal Immune Tolerance During Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 671093.	2.2	49
9	The Pleiotropic Effect of Glycodelin in Early Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2016, 75, 290-297.	1.2	46
10	Native human zona pellucida glycoproteins: purification and binding properties. <i>Human Reproduction</i> , 2008, 23, 1385-1393.	0.4	45
11	Human chorionic gonadotropin and its free β -subunit stimulate trophoblast invasion independent of LH/hCG receptor. <i>Molecular and Cellular Endocrinology</i> , 2013, 375, 43-52.	1.6	45
12	The culture duration affects the immunomodulatory and anticancer effect of polysaccharopeptide derived from <i>Coriolus versicolor</i> . <i>Enzyme and Microbial Technology</i> , 2006, 38, 14-21.	1.6	41
13	MicroRNA-34a is a tumor suppressor in choriocarcinoma via regulation of Delta-like1. <i>BMC Cancer</i> , 2013, 13, 25.	1.1	39
14	Identification of CD147 (basigin) as a mediator of trophoblast functions. <i>Human Reproduction</i> , 2013, 28, 2920-2929.	0.4	39
15	Glycodelin-A as a modulator of trophoblast invasion. <i>Human Reproduction</i> , 2009, 24, 2093-2103.	0.4	37
16	Differential actions of glycodelin-A on Th-1 and Th-2 cells: a paracrine mechanism that could produce the Th-2 dominant environment during pregnancy. <i>Human Reproduction</i> , 2011, 26, 517-526.	0.4	37
17	Glycodelin-A stimulates the conversion of human peripheral blood CD16 ⁺ CD56 ^{bright} NK cell to a decidual NK cell-like phenotype. <i>Human Reproduction</i> , 2019, 34, 689-701.	0.4	37
18	Glycodelin-A Stimulates Interleukin-6 Secretion by Human Monocytes and Macrophages through L-selectin and the Extracellular Signal-regulated Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 36999-37009.	1.6	36

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19	Establishment of a novel human embryonic stem cell-derived trophoblastic spheroid implantation model. <i>Human Reproduction</i> , 2015, 30, 2614-2626.	0.4	36
20	Sialyl Lewisx-P-selectin cascade mediates tumor-associated mesothelial adhesion in ascitic fluid shear flow. <i>Nature Communications</i> , 2019, 10, 2406.	5.8	33
21	Protection of lethal toxicity of endotoxin by <i>Salvia miltiorrhiza</i> BUNGE is via reduction in tumor necrosis factor alpha release and liver injury. <i>International Immunopharmacology</i> , 2006, 6, 750-758.	1.7	30
22	Simulating nature in sperm selection for assisted reproduction. <i>Nature Reviews Urology</i> , 2022, 19, 16-36.	1.9	28
23	Bacterial Colonization Affects the Intestinal Proteome of Preterm Pigs Susceptible to Necrotizing Enterocolitis. <i>Neonatology</i> , 2011, 99, 280-288.	0.9	27
24	Zona pellucida-induced acrosome reaction in human spermatozoa is potentiated by glycodelin-A via down-regulation of extracellular signal-regulated kinases and up-regulation of zona pellucida-induced calcium influx. <i>Human Reproduction</i> , 2010, 25, 2721-2733.	0.4	26
25	Coculture with macrophages enhances the clonogenic and invasion activity of endometriotic stromal cells. <i>Cell Proliferation</i> , 2017, 50, .	2.4	25
26	Cell membrane proteins from oviductal epithelial cell line protect human spermatozoa from oxidative damage. <i>Fertility and Sterility</i> , 2013, 99, 1444-1452.e3.	0.5	24
27	Glycodelin-A modulates cytokine production of peripheral blood natural killer cells. <i>Fertility and Sterility</i> , 2010, 94, 769-771.	0.5	23
28	Soluble Human Leukocyte Antigen-G5 Activates Extracellular Signal-Regulated Protein Kinase Signaling and Stimulates Trophoblast Invasion. <i>PLoS ONE</i> , 2013, 8, e76023.	1.1	23
29	Myometrial Cells Stimulate Self-Renewal of Endometrial Mesenchymal Stem-Like Cells Through WNT5A/ β -Catenin Signaling. <i>Stem Cells</i> , 2019, 37, 1455-1466.	1.4	23
30	Human placental exosomes induce maternal systemic immune tolerance by reprogramming circulating monocytes. <i>Journal of Nanobiotechnology</i> , 2022, 20, 86.	4.2	21
31	Proteome of human T lymphocytes with treatment of cyclosporine and polysaccharopeptide: Analysis of significant proteins that manipulate T cells proliferation and immunosuppression. <i>International Immunopharmacology</i> , 2007, 7, 1311-1324.	1.7	17
32	Altered glycosylation of glycodelin in endometrial carcinoma. <i>Laboratory Investigation</i> , 2020, 100, 1014-1025.	1.7	16
33	Glycodelin suppresses endometrial cell migration and invasion but stimulates spheroid attachment. <i>Reproductive BioMedicine Online</i> , 2012, 24, 639-645.	1.1	15
34	The roles of protein disulphide isomerase family A, member 3 (ERp57) and surface thiol/disulphide exchange in human spermatozoa-zona pellucida binding. <i>Human Reproduction</i> , 2017, 32, 733-742.	0.4	15
35	The role of galectin-3 in spermatozoa-zona pellucida binding and its association with fertilization in vitro. <i>Molecular Human Reproduction</i> , 2019, 25, 458-470.	1.3	15
36	Polysaccharopeptide mimics ciclosporin-mediated Th1/Th2 cytokine balance for suppression of activated human T cell proliferation by MAPKp38 and STAT5 pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 1491-1499.	1.2	14

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37	Alteration of the immune cell profiles in the pathophysiology of tubal ectopic pregnancy. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13093.	1.2	14
38	Enteral Feeding In Utero Induces Marked Intestinal Structural and Functional Proteome Changes in Pig Fetuses. <i>Pediatric Research</i> , 2011, 69, 123-128.	1.1	13
39	Adrenomedullin Enhances Invasion of Human Extravillous Cytotrophoblast-Derived Cell Lines by Regulation of Urokinase Plasminogen Activator Expression and S-Nitrosylation1. <i>Biology of Reproduction</i> , 2013, 88, 34.	1.2	13
40	Decidual glycodelin-A polarizes human monocytes towards a decidual macrophage-like phenotype via siglec-7. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	12
41	Cumulus-associated $\hat{A}2$ -macroglobulin derivative retains proconceptive glycodelin-C in the human cumulus matrix. <i>Human Reproduction</i> , 2009, 24, 2856-2867.	0.4	11
42	Adrenomedullin insufficiency alters macrophage activities in fallopian tube: a pathophysiologic explanation of tubal ectopic pregnancy. <i>Mucosal Immunology</i> , 2020, 13, 743-752.	2.7	10
43	Regulatory properties of polysaccharopeptide derived from <i>Coriolus versicolor</i> and its combined effect with ciclosporin on the homeostasis of human lymphocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1028-1036.	1.2	9
44	Polysaccharopeptide mimics ciclosporin-mediated Th1/Th2 cytokine balance for suppression of activated human T cell proliferation by MAPKp38 and STAT5 pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2008, 60, 1491-1499.	1.2	8
45	WNT5A Interacts With FZD5 and LRP5 to Regulate Proliferation and Self-Renewal of Endometrial Mesenchymal Stem-Like Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 837827.	1.8	7
46	Sperm fucosyltransferase-5 mediates spermatozoa-oviductal epithelial cell interaction to protect human spermatozoa from oxidative damage. <i>Molecular Human Reproduction</i> , 2015, 21, 516-526.	1.3	6
47	The relationship between circadian blood pressure variability and maternal/perinatal outcomes in women with preeclampsia with severe features. <i>Hypertension in Pregnancy</i> , 2020, 39, 405-410.	0.5	6
48	Glycodelin-A modulates syncytialization of human BeWo choriocarcinoma cell line. <i>Placenta</i> , 2012, 33, 750-752.	0.7	5
49	Expression of membrane protein disulphide isomerase A1 (PDIA1) disrupt a reducing microenvironment in endometrial epithelium for embryo implantation. <i>Experimental Cell Research</i> , 2021, 405, 112665.	1.2	5
50	Adrenomedullin enhances the progressive motility and zona pellucida-binding capacity of spermatozoa from normozoospermic but not asthenozoospermic men. <i>Molecular Reproduction and Development</i> , 2012, 79, 76-76.	1.0	4
51	Identification of Sialyl-Lewis(x)-Interacting Protein on Human Spermatozoa. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 700396.	1.8	4
52	The Regulatory Roles of Chemerin-Chemokine-Like Receptor 1 Axis in Placental Development and Vascular Remodeling During Early Pregnancy. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	4
53	Dysregulation of the CD147 complex confers defective placental development: A pathogenesis of early-onset preeclampsia. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	3
54	Glycodelin-A treatment reduces the adverse effect of macrophage co-culture on human sperm motility. <i>Molecular Reproduction and Development</i> , 2014, 81, 482-483.	1.0	2

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55	TSPYL1 regulates steroidogenic gene expression and male factor fertility in mice. F&S Science, 2020, 1, 115-123.	0.5	1
56	Identification of Adrenomedullin-Induced S-Nitrosylated Proteins in JEG-3 Placental Cells. Reproductive Sciences, 2021, , 1.	1.1	0
57	Impaired Immunosuppressive Activities of Glycodelin-A in Pregnant Women with Gestational Diabetes Mellitus.. Biology of Reproduction, 2008, 78, 197-198.	1.2	0
58	Glycodelin-A Suppresses the Invasion of the Human Extravillous Cytotrophoblast.. Biology of Reproduction, 2008, 78, 142-142.	1.2	0
59	The Immunomodulatory Properties of Glycodelin-A on Human Monocyte and Macrophage.. Biology of Reproduction, 2011, 85, 711-711.	1.2	0
60	Abstract 4938: Free β -subunit of human chorionic gonadotropin stimulates choriocarcinoma cell invasion independent of LH/hCG receptor.., 2013, , .		0