Pao-Lin Kuo

List of Publications by Year
in descending order

68	1,290	394421	414414
papers	citations	19 h-index	32 g-index

69	69	69	1671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SEPT12mutations cause male infertility with defective sperm annulus. Human Mutation, 2012, 33, 710-719.	2.5	101
2	The Expression Level of Septin12 Is Critical for Spermiogenesis. American Journal of Pathology, 2009, 174, 1857-1868.	3.8	87
3	Identification of ten novel genes involved in human spermatogenesis by microarray analysis of testicular tissue. Fertility and Sterility, 2006, 86, 1650-1658.	1.0	77
4	miRâ€346 and miRâ€582â€3pâ€regulated EGâ€VEGF expression and trophoblast invasion via matrix metalloproteinases 2 and 9. BioFactors, 2017, 43, 210-219.	5.4	58
5	SEPT12 orchestrates the formation of mammalian sperm annulus by organizing SEPT12-7-6-2/-4 core complexes. Journal of Cell Science, 2015, 128, 923-34.	2.0	55
6	Extraction of genomic DNA and detection of single nucleotide polymorphism genotyping utilizing an integrated magnetic bead-based microfluidic platform. Microfluidics and Nanofluidics, 2009, 6, 539-555.	2.2	51
7	Association of progesterone receptor polymorphism with idiopathic recurrent pregnancy loss in Taiwanese Han population. Journal of Assisted Reproduction and Genetics, 2011, 28, 239-243.	2.5	42
8	SEPT12/SPAG4/LAMINB1 Complexes Are Required for Maintaining the Integrity of the Nuclear Envelope in Postmeiotic Male Germ Cells. PLoS ONE, 2015, 10, e0120722.	2.5	42
9	SEPT12 phosphorylation results in loss of the septin ring/sperm annulus, defective sperm motility and poor male fertility. PLoS Genetics, 2017, 13, e1006631.	3.5	41
10	The role of the septin family in spermiogenesis. Spermatogenesis, 2011, 1, 298-302.	0.8	39
11	Mechanism of recurrent spontaneous abortions in women with mosaicism of X-chromosome aneuploidies. Fertility and Sterility, 2004, 82, 1594-1601.	1.0	38
12	SEPTIN12 Genetic Variants Confer Susceptibility to Teratozoospermia. PLoS ONE, 2012, 7, e34011.	2.5	36
13	Expression profiles of the DAZ gene family in human testis with and without spermatogenic failure. Fertility and Sterility, 2004, 81, 1034-1040.	1.0	33
14	Elevated miRâ€200a and miRâ€141 inhibit endocrine glandâ€derived vascular endothelial growth factor expression and ciliogenesis in preeclampsia. Journal of Physiology, 2019, 597, 3069-3083.	2.9	33
15	Medroxyprogesterone acetate drives M2 macrophage differentiation toward a phenotype of decidual macrophage. Molecular and Cellular Endocrinology, 2017, 452, 74-83.	3.2	31
16	NLRP7 contributes to in vitro decidualization of endometrial stromal cells. Reproductive Biology and Endocrinology, 2017, 15, 66.	3.3	29
17	A genetic association study of NLRP2 and NLRP7 genes in idiopathic recurrent miscarriage. Human Reproduction, 2013, 28, 1127-1134.	0.9	28
18	Quantitative trait analysis suggests polymorphisms of estrogen-related genes regulate human sperm concentrations and motility. Human Reproduction, 2011, 26, 1585-1596.	0.9	25

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19	Gene-gene interactions and gene polymorphisms of VEGFA and EG-VEGF gene systems in recurrent pregnancy loss. Journal of Assisted Reproduction and Genetics, 2014, 31, 699-705.	2.5	24
20	SEPT14 Mutations and Teratozoospermia: Genetic Effects on Sperm Head Morphology and DNA Integrity. Journal of Clinical Medicine, 2019, 8, 1297.	2.4	21
21	STK31 Is a Cell-Cycle Regulated Protein That Contributes to the Tumorigenicity of Epithelial Cancer Cells. PLoS ONE, 2014, 9, e93303.	2.5	20
22	Ring (Y) in two azoospermic men. American Journal of Medical Genetics Part A, 2004, 128A, 209-213.	2.4	18
23	Human X-linked Intellectual Disability Factor CUL4B Is Required for Post-meiotic Sperm Development and Male Fertility. Scientific Reports, 2016, 6, 20227.	3.3	18
24	Childhood neurodevelopmental disorders and maternal hypertensive disorder of pregnancy. Developmental Medicine and Child Neurology, 2021, 63, 1107-1113.	2.1	18
25	The expression pattern of SEPT7 correlates with sperm morphology. Journal of Assisted Reproduction and Genetics, 2010, 27, 299-307.	2.5	17
26	SEPT12â€“NDC1 Complexes Are Required for Mammalian Spermiogenesis. International Journal of Molecular Sciences, 2016, 17, 1911.	4.1	17
27	Interstitial deletion 11(p11.12p11.2) and analphoid marker formation results in inherited Potockiâ€“Shaffer syndrome. American Journal of Medical Genetics, Part A, 2005, 133A, 180-183.	1.2	15
28	NLRP7 Is Involved in the Differentiation of the Decidual Macrophages. International Journal of Molecular Sciences, 2019, 20, 5994.	4.1	15
29	Parental Socioeconomic Status and Autism Spectrum Disorder in Offspring: A Population-Based Cohort Study in Taiwan. American Journal of Epidemiology, 2021, 190, 807-816.	3.4	15
30	Septin 7 is a centrosomal protein that ensures S phase entry and microtubule nucleation by maintaining the abundance of p150^{glued}. Journal of Cellular Physiology, 2021, 236, 2706-2724.	4.1	15
31	Hyaluronan Upregulates Mitochondrial Biogenesis and Reduces Adenoside Triphosphate Production for Efficient Mitochondrial Function in Slow-Proliferating Human Mesenchymal Stem Cells. Stem Cells, 2016, 34, 2512-2524.	3.2	14
32	MutS protein-based fiber optic particle plasmon resonance biosensor for detecting single nucleotide polymorphisms. Analytical and Bioanalytical Chemistry, 2021, 413, 3329-3337.	3.7	14
33	Prenatal diagnosis of holoprosencephaly in two fetuses with der (7)t(1;7)(q32;q32)pat inherited from the father with double translocations. Prenatal Diagnosis, 2003, 23, 134-137.	2.3	13
34	LRWD1 Regulates Microtubule Nucleation and Proper Cell Cycle Progression in the Human Testicular Embryonic Carcinoma Cells. Journal of Cellular Biochemistry, 2018, 119, 314-326.	2.6	13
35	Aspirin facilitates trophoblast invasion and epithelial-mesenchymal transition by regulating the miR-200-ZEB1 axis in preeclampsia. Biomedicine and Pharmacotherapy, 2021, 139, 111591.	5.6	13
36	Gene-gene interactions and risk ofÂrecurrent miscarriages in carriers of endocrine glandâ€“derived vascular endothelial growth factor and prokineticin receptor polymorphisms. Fertility and Sterility, 2014, 102, 1071-1077.e3.	1.0	12

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37	Late-onset growth restriction in Galloway-Mowat syndrome: a case report. Prenatal Diagnosis, 2005, 25, 159-162.	2.3	10
38	Screening of a panel of steroid-related genes showed polymorphisms of aromatase genes confer susceptibility to advanced stage endometriosis in the Taiwanese Han population. Taiwanese Journal of Obstetrics and Gynecology, 2013, 52, 485-492.	1.3	10
39	CDC42 Negatively Regulates Testis-Specific SEPT12 Polymerization. International Journal of Molecular Sciences, 2018, 19, 2627.	4.1	10
40	Prenatal diagnosis of Praderâ€“Willi syndrome and Angelman syndrome for fetuses with suspicious deletion of chromosomal region 15q11â€q13. International Journal of Gynecology and Obstetrics, 2014, 125, 18-21.	2.3	9
41	Does sex matter? Association of fetal sex and parental age with pregnancy outcomes in Taiwan: a cohort study. BMC Pregnancy and Childbirth, 2020, 20, 348.	2.4	9
42	Human sex ratio at amniocentesis and at birth in Taiwan. Taiwanese Journal of Obstetrics and Gynecology, 2012, 51, 572-575.	1.3	8
43	Partial trisomy of chromosome 21 without the Down syndrome phenotype. Prenatal Diagnosis, 2016, 36, 492-495.	2.3	8
44	Testis-Specific SEPT12 Expression Affects SUN Protein Localization and is Involved in Mammalian Spermiogenesis. International Journal of Molecular Sciences, 2019, 20, 1163.	4.1	8
45	Regulation of septin phosphorylation: SEPT12 phosphorylation in sperm septin assembly. Cytoskeleton, 2019, 76, 137-142.	2.0	8
46	The SEPT12 complex is required for the establishment of a functional sperm headâ€“tail junction. Molecular Human Reproduction, 2020, 26, 402-412.	2.8	8
47	Magnetic-activated cell sorting (MACS) significantly decreases the hybridization efficiency of fluorescencein situ hybridization (FISH). Prenatal Diagnosis, 2001, 21, 359-361.	2.3	6
48	Two Y chromosomes with duplication of the distal long arm including the entire AZFc region. Gene, 2014, 536, 444-448.	2.2	6
49	A Common Variant of PROK1 (V67I) Acts as a Genetic Modifier in Early Human Pregnancy through Down-Regulation of Gene Expression. International Journal of Molecular Sciences, 2016, 17, 162.	4.1	6
50	Prenatal Phthalates Exposure and Cord Thyroid Hormones: A Birth Cohort Study in Southern Taiwan. International Journal of Environmental Research and Public Health, 2021, 18, 4323.	2.6	6
51	Fetuin-A Inhibits Placental Cell Growth and Ciliogenesis in Gestational Diabetes Mellitus. International Journal of Molecular Sciences, 2019, 20, 5207.	4.1	5
52	Protein Kinase A-Mediated Septin7 Phosphorylation Disrupts Septin Filaments and Ciliogenesis. Cells, 2021, 10, 361.	4.1	5
53	Changes in the number and causes of maternal deaths after the introduction of pregnancy checkbox on the death certificate in Taiwan. Taiwanese Journal of Obstetrics and Gynecology, 2019, 58, 680-683.	1.3	4
54	Variants in Maternal Effect Genes and Relaxed Imprinting Control in a Special Placental Mesenchymal Dysplasia Case with Mild Trophoblast Hyperplasia. Biomedicines, 2021, 9, 544.	3.2	4

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55	Delayed Uterine Rupture After Fetal Reduction in a Case of Cornual Heterotopic Pregnancy. Taiwanese Journal of Obstetrics and Gynecology, 2005, 44, 270-272.	1.3	3
56	Partial trisomy 8 mosaicism not detected by cultured amniotic-fluid cells. Taiwanese Journal of Obstetrics and Gynecology, 2014, 53, 598-601.	1.3	3
57	Identification of SEPTIN12 as a novel target of the androgen and estrogen receptors in human testicular cells. Biochimie, 2019, 158, 1-9.	2.6	3
58	Combination of XGBoost Analysis and Rule-Based Method for Intrapartum Cardiotocograph Classification. Journal of Medical and Biological Engineering, 2021, 41, 534-542.	1.8	3
59	Non-mosaic uniparental trisomy 16 presenting with asplenia syndrome and placental abruption: A case report and literature review. European Journal of Medical Genetics, 2013, 56, 197-201.	1.3	2
60	Euchromatic variants of 8q21.2 in twins. Taiwanese Journal of Obstetrics and Gynecology, 2017, 56, 227-229.	1.3	2
61	Premature birth carries a higher risk of nephrotic syndrome: a cohort study. Scientific Reports, 2021, 11, 20639.	3.3	2
62	Segmental isodisomy in Praderâ€“Willi syndrome patients: The experience of a single diagnostic center. Pediatrics and Neonatology, 2020, 61, 343-345.	0.9	1
63	Incontinentia pigmenti in a male infant and a proposed diagnostic algorithm. Clinical and Experimental Dermatology, 2022, 47, 1366-1368.	1.3	1
64	Complex rearrangements of Y chromosome suggest RPS4Y1 as lymphedema candidate gene. Taiwanese Journal of Obstetrics and Gynecology, 2022, 61, 170-173.	1.3	1
65	Effects of Septin-14 Gene Deletion on Adult Cognitive/Emotional Behavior. Frontiers in Molecular Neuroscience, 2022, 15, 880858.	2.9	1
66	Bead-Based Microfluidic Platform Integrated with Optical Detection Devices for Rapid Detection of Genetic Deletion from Saliva. , 2009, , .		0
67	A de novo COL17A1 splice-site mutation causing a 7-bp deletion in a Taiwanese patient with junctional epidermolysis bullosa. European Journal of Dermatology, 2021, 31, 267-269.	0.6	0
68	Recurrent Fetal Anophthalmia Caused by retinoids acid gene 6 mutations: Correlation between prenatal ultrasonography, magnetic resonance imaging, and pathology. Taiwanese Journal of Obstetrics and Gynecology, 2022, 61, 180-185.	1.3	0