

# Pao-Lin Kuo

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,290  
citations

394421

19  
h-index

414414

32  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrent Fetal Anophthalmia Caused by retinoids acid gene 6 mutations: Correlation between prenatal ultrasonography, magnetic resonance imaging, and pathology. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2022, 61, 180-185.	1.3	0
2	Incontinentia pigmenti in a male infant and a proposed diagnostic algorithm. <i>Clinical and Experimental Dermatology</i> , 2022, 47, 1366-1368.	1.3	1
3	Complex rearrangements of Y chromosome suggest RPS4Y1 as lymphedema candidate gene. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2022, 61, 170-173.	1.3	1
4	Effects of Septin-14 Gene Deletion on Adult Cognitive/Emotional Behavior. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 880858.	2.9	1
5	Parental Socioeconomic Status and Autism Spectrum Disorder in Offspring: A Population-Based Cohort Study in Taiwan. <i>American Journal of Epidemiology</i> , 2021, 190, 807-816.	3.4	15
6	Septin 7 is a centrosomal protein that ensures S phase entry and microtubule nucleation by maintaining the abundance of p150 <sup>glued</sup> . <i>Journal of Cellular Physiology</i> , 2021, 236, 2706-2724.	4.1	15
7	Protein Kinase A-Mediated Septin7 Phosphorylation Disrupts Septin Filaments and Ciliogenesis. <i>Cells</i> , 2021, 10, 361.	4.1	5
8	MutS protein-based fiber optic particle plasmon resonance biosensor for detecting single nucleotide polymorphisms. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3329-3337.	3.7	14
9	A de novo COL17A1 splice-site mutation causing a 7-bp deletion in a Taiwanese patient with junctional epidermolysis bullosa. <i>European Journal of Dermatology</i> , 2021, 31, 267-269.	0.6	0
10	Prenatal Phthalates Exposure and Cord Thyroid Hormones: A Birth Cohort Study in Southern Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4323.	2.6	6
11	Childhood neurodevelopmental disorders and maternal hypertensive disorder of pregnancy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1107-1113.	2.1	18
12	Variants in Maternal Effect Genes and Relaxed Imprinting Control in a Special Placental Mesenchymal Dysplasia Case with Mild Trophoblast Hyperplasia. <i>Biomedicines</i> , 2021, 9, 544.	3.2	4
13	Aspirin facilitates trophoblast invasion and epithelial-mesenchymal transition by regulating the miR-200-ZEB1 axis in preeclampsia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111591.	5.6	13
14	Combination of XGBoost Analysis and Rule-Based Method for Intrapartum Cardiotocograph Classification. <i>Journal of Medical and Biological Engineering</i> , 2021, 41, 534-542.	1.8	3
15	Premature birth carries a higher risk of nephrotic syndrome: a cohort study. <i>Scientific Reports</i> , 2021, 11, 20639.	3.3	2
16	The SEPT12 complex is required for the establishment of a functional sperm head-tail junction. <i>Molecular Human Reproduction</i> , 2020, 26, 402-412.	2.8	8
17	Does sex matter? Association of fetal sex and parental age with pregnancy outcomes in Taiwan: a cohort study. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 348.	2.4	9
18	Segmental isodisomy in Prader-Willi syndrome patients: The experience of a single diagnostic center. <i>Pediatrics and Neonatology</i> , 2020, 61, 343-345.	0.9	1

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19	Changes in the number and causes of maternal deaths after the introduction of pregnancy checkbox on the death certificate in Taiwan. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 680-683.	1.3	4
20	Fetuin-A Inhibits Placental Cell Growth and Ciliogenesis in Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5207.	4.1	5
21	SEPT14 Mutations and Teratozoospermia: Genetic Effects on Sperm Head Morphology and DNA Integrity. <i>Journal of Clinical Medicine</i> , 2019, 8, 1297.	2.4	21
22	Elevated miR-200a and miR-141 inhibit endocrine gland-derived vascular endothelial growth factor expression and ciliogenesis in preeclampsia. <i>Journal of Physiology</i> , 2019, 597, 3069-3083.	2.9	33
23	Testis-Specific SEPT12 Expression Affects SUN Protein Localization and is Involved in Mammalian Spermiogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1163.	4.1	8
24	NLRP7 Is Involved in the Differentiation of the Decidual Macrophages. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5994.	4.1	15
25	Regulation of septin phosphorylation: SEPT12 phosphorylation in sperm septin assembly. <i>Cytoskeleton</i> , 2019, 76, 137-142.	2.0	8
26	Identification of SEPTIN12 as a novel target of the androgen and estrogen receptors in human testicular cells. <i>Biochimie</i> , 2019, 158, 1-9.	2.6	3
27	LRWD1 Regulates Microtubule Nucleation and Proper Cell Cycle Progression in the Human Testicular Embryonic Carcinoma Cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 314-326.	2.6	13
28	CDC42 Negatively Regulates Testis-Specific SEPT12 Polymerization. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2627.	4.1	10
29	Mexdroxyprogesterone acetate drives M2 macrophage differentiation toward a phenotype of decidual macrophage. <i>Molecular and Cellular Endocrinology</i> , 2017, 452, 74-83.	3.2	31
30	Euchromatic variants of 8q21.2 in twins. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 227-229.	1.3	2
31	miR-346 and miR-582a-3p regulated EGFR expression and trophoblast invasion via matrix metalloproteinases 2 and 9. <i>BioFactors</i> , 2017, 43, 210-219.	5.4	58
32	NLRP7 contributes to in vitro decidualization of endometrial stromal cells. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 66.	3.3	29
33	SEPT12 phosphorylation results in loss of the septin ring/sperm annulus, defective sperm motility and poor male fertility. <i>PLoS Genetics</i> , 2017, 13, e1006631.	3.5	41
34	A Common Variant of PROK1 (V67I) Acts as a Genetic Modifier in Early Human Pregnancy through Down-Regulation of Gene Expression. <i>International Journal of Molecular Sciences</i> , 2016, 17, 162.	4.1	6
35	SEPT12-NDC1 Complexes Are Required for Mammalian Spermiogenesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1911.	4.1	17
36	Partial trisomy of chromosome 21 without the Down syndrome phenotype. <i>Prenatal Diagnosis</i> , 2016, 36, 492-495.	2.3	8

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37	Human X-linked Intellectual Disability Factor CUL4B Is Required for Post-meiotic Sperm Development and Male Fertility. <i>Scientific Reports</i> , 2016, 6, 20227.	3.3	18
38	Hyaluronan Upregulates Mitochondrial Biogenesis and Reduces Adenosine Triphosphate Production for Efficient Mitochondrial Function in Slow-Proliferating Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2016, 34, 2512-2524.	3.2	14
39	SEPT12/SPAG4/LAMINB1 Complexes Are Required for Maintaining the Integrity of the Nuclear Envelope in Postmeiotic Male Germ Cells. <i>PLoS ONE</i> , 2015, 10, e0120722.	2.5	42
40	SEPT12 orchestrates the formation of mammalian sperm annulus by organizing SEPT12-7-6-2/-4 core complexes. <i>Journal of Cell Science</i> , 2015, 128, 923-34.	2.0	55
41	STK31 Is a Cell-Cycle Regulated Protein That Contributes to the Tumorigenicity of Epithelial Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e93303.	2.5	20
42	Partial trisomy 8 mosaicism not detected by cultured amniotic-fluid cells. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 598-601.	1.3	3
43	Prenatal diagnosis of Prader-Willi syndrome and Angelman syndrome for fetuses with suspicious deletion of chromosomal region 15q11-q13. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 125, 18-21.	2.3	9
44	Two Y chromosomes with duplication of the distal long arm including the entire AZFc region. <i>Gene</i> , 2014, 536, 444-448.	2.2	6
45	Gene-gene interactions and risk of recurrent miscarriages in carriers of endocrine gland-derived vascular endothelial growth factor and prokineticin receptor polymorphisms. <i>Fertility and Sterility</i> , 2014, 102, 1071-1077.e3.	1.0	12
46	Gene-gene interactions and gene polymorphisms of VEGFA and EG-VEGF gene systems in recurrent pregnancy loss. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 699-705.	2.5	24
47	Non-mosaic uniparental trisomy 16 presenting with asplenia syndrome and placental abruption: A case report and literature review. <i>European Journal of Medical Genetics</i> , 2013, 56, 197-201.	1.3	2
48	Screening of a panel of steroid-related genes showed polymorphisms of aromatase genes confer susceptibility to advanced stage endometriosis in the Taiwanese Han population. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2013, 52, 485-492.	1.3	10
49	A genetic association study of NLRP2 and NLRP7 genes in idiopathic recurrent miscarriage. <i>Human Reproduction</i> , 2013, 28, 1127-1134.	0.9	28
50	Human sex ratio at amniocentesis and at birth in Taiwan. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2012, 51, 572-575.	1.3	8
51	<i>SEPT12</i> mutations cause male infertility with defective sperm annulus. <i>Human Mutation</i> , 2012, 33, 710-719.	2.5	101
52	SEPTIN12 Genetic Variants Confer Susceptibility to Teratozoospermia. <i>PLoS ONE</i> , 2012, 7, e34011.	2.5	36
53	Association of progesterone receptor polymorphism with idiopathic recurrent pregnancy loss in Taiwanese Han population. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 239-243.	2.5	42
54	The role of the septin family in spermiogenesis. <i>Spermatogenesis</i> , 2011, 1, 298-302.	0.8	39

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55	Quantitative trait analysis suggests polymorphisms of estrogen-related genes regulate human sperm concentrations and motility. <i>Human Reproduction</i> , 2011, 26, 1585-1596.	0.9	25
56	The expression pattern of SEPT7 correlates with sperm morphology. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 299-307.	2.5	17
57	Bead-Based Microfluidic Platform Integrated with Optical Detection Devices for Rapid Detection of Genetic Deletion from Saliva. , 2009, , .		0
58	Extraction of genomic DNA and detection of single nucleotide polymorphism genotyping utilizing an integrated magnetic bead-based microfluidic platform. <i>Microfluidics and Nanofluidics</i> , 2009, 6, 539-555.	2.2	51
59	The Expression Level of Septin12 Is Critical for Spermiogenesis. <i>American Journal of Pathology</i> , 2009, 174, 1857-1868.	3.8	87
60	Identification of ten novel genes involved in human spermatogenesis by microarray analysis of testicular tissue. <i>Fertility and Sterility</i> , 2006, 86, 1650-1658.	1.0	77
61	Interstitial deletion 11(p11.12p11.2) and analphoid marker formation results in inherited Potockiâ€“Shaffer syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2005, 133A, 180-183.	1.2	15
62	Late-onset growth restriction in Galloway-Mowat syndrome: a case report. <i>Prenatal Diagnosis</i> , 2005, 25, 159-162.	2.3	10
63	Delayed Uterine Rupture After Fetal Reduction in a Case of Cornual Heterotopic Pregnancy. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2005, 44, 270-272.	1.3	3
64	Ring (Y) in two azoospermic men. <i>American Journal of Medical Genetics Part A</i> , 2004, 128A, 209-213.	2.4	18
65	Mechanism of recurrent spontaneous abortions in women with mosaicism of X-chromosome aneuploidies. <i>Fertility and Sterility</i> , 2004, 82, 1594-1601.	1.0	38
66	Expression profiles of the DAZ gene family in human testis with and without spermatogenic failure. <i>Fertility and Sterility</i> , 2004, 81, 1034-1040.	1.0	33
67	Prenatal diagnosis of holoprosencephaly in two fetuses with der (7)t(1;7)(q32;q32)pat inherited from the father with double translocations. <i>Prenatal Diagnosis</i> , 2003, 23, 134-137.	2.3	13
68	Magnetic-activated cell sorting (MACS) significantly decreases the hybridization efficiency of fluorescence in situ hybridization (FISH). <i>Prenatal Diagnosis</i> , 2001, 21, 359-361.	2.3	6