

Jie Qiao

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,209
citations

430874

18
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

5743
citing authors

#	ARTICLE	IF	CITATIONS
1	The DNA methylation landscape of human early embryos. <i>Nature</i> , 2014, 511, 606-610.	27.8	787
2	The Transcriptome and DNA Methylome Landscapes of Human Primordial Germ Cells. <i>Cell</i> , 2015, 161, 1437-1452.	28.9	500
3	Single-Cell RNA-Seq Analysis Maps Development of Human Germline Cells and Gonadal Niche Interactions. <i>Cell Stem Cell</i> , 2017, 20, 858-873.e4.	11.1	376
4	Single-Cell Transcriptome Analysis Maps the Developmental Track of the Human Heart. <i>Cell Reports</i> , 2019, 26, 1934-1950.e5.	6.4	355
5	Single-Cell RNA Sequencing Analysis Reveals Sequential Cell Fate Transition during Human Spermatogenesis. <i>Cell Stem Cell</i> , 2018, 23, 599-614.e4.	11.1	309
6	Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. <i>Molecular Cell</i> , 2018, 72, 1021-1034.e4.	9.7	262
7	Live births after simultaneous avoidance of monogenic diseases and chromosome abnormality by next-generation sequencing with linkage analyses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15964-15969.	7.1	115
8	Identification of a human subcortical maternal complex. <i>Molecular Human Reproduction</i> , 2015, 21, 320-329.	2.8	75
9	MnSiP ₂ : A New Mid-IR Ternary Phosphide with Strong SHG Effect and Ultrabroad Transparency Range. <i>Chemistry of Materials</i> , 2019, 31, 2010-2018.	6.7	47
10	Epigenomic Landscape of Human Fetal Brain, Heart, and Liver. <i>Journal of Biological Chemistry</i> , 2016, 291, 4386-4398.	3.4	45
11	Two-Dimensional GeP-Based Broadband Optical Switches and Photodetectors. <i>Advanced Optical Materials</i> , 2020, 8, 1901490.	7.3	45
12	Highly In-Plane Anisotropic Two-Dimensional Ternary Ta ₂ NiSe ₅ for Polarization-Sensitive Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17948-17956.	8.0	45
13	Integrated multi-omics reveal epigenomic disturbance of assisted reproductive technologies in human offspring. <i>EBioMedicine</i> , 2020, 61, 103076.	6.1	41
14	Ultrasensitive and Broadband All-Optically Controlled THz Modulator Based on MoTe ₂ /Si van der Waals Heterostructure. <i>Advanced Optical Materials</i> , 2020, 8, 2000160.	7.3	33
15	Mesenchymal Stem Cells Facilitate In Vitro Development of Human Preantral Follicle. <i>Reproductive Sciences</i> , 2015, 22, 1367-1376.	2.5	28
16	Perovskite Quantum Dot/Ta ₂ NiSe ₅ Mixed-Dimensional Van Der Waals Heterostructures for High-Performance Near-Infrared Photodetection. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
17	Low Lattice Mismatch InSe/Se Vertical Van der Waals Heterostructure for High-Performance Transistors via Strong Fermi-Level Depinning. <i>Small Methods</i> , 2020, 4, 2000238.	8.6	22
18	Tunable 7â€“12â€“%â€“1/4m picosecond optical parametric amplifier based on a LilnSe ₂ mid-infrared crystal. <i>Optics Letters</i> , 2017, 42, 2098.	8.3	22

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19	Age-related changes in human conventional semen parameters and sperm chromatin structure assay-defined sperm DNA/chromatin integrity. <i>Reproductive BioMedicine Online</i> , 2021, 42, 973-982.	2.4	18
20	Optimized oriented seed growth and optical properties of high-quality LiInSe ₂ crystals. <i>CrystEngComm</i> , 2018, 20, 7802-7808.	2.6	10
21	The present and future of whole-exome sequencing in studying and treating human reproductive disorders. <i>Journal of Genetics and Genomics</i> , 2018, 45, 517-525.	3.9	10
22	Maternal and neonatal outcomes following blastocyst biopsy for PGT in single vitrified “warmed embryo transfer cycles. <i>Reproductive BioMedicine Online</i> , 2022, 44, 151-162.	2.4	10
23	Ultrasensitive Near-Infrared MoTe ₂ Photodetectors with Monolithically Integrated Fresnel Zone Plate Metalens. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	8
24	Identifying normal embryos from reciprocal translocation carriers by whole chromosome haplotyping. <i>Journal of Genetics and Genomics</i> , 2018, 45, 505-508.	3.9	7
25	Effects of oocyte vitrification on the behaviors and physiological indexes of aged first filial generation mice. <i>Cryobiology</i> , 2020, 95, 20-28.	0.7	4
26	Genetic analysis and preimplantation genetic diagnosis of Chinese Marfan syndrome patients. <i>Journal of Genetics and Genomics</i> , 2019, 46, 319-323.	3.9	3
27	Effect of vitrification at the germinal vesicle stage on the global methylation status in mouse oocytes subsequently matured in vitro. <i>Chinese Medical Journal</i> , 2014, 127, 4019-24.	2.3	3
28	A novel pathogenic mutation in FBN2 associated with congenital contractural arachnodactyly for preimplantation genetic diagnosis. <i>Journal of Genetics and Genomics</i> , 2020, 47, 281-284.	3.9	1
29	OP-IVM: Combining In vitro Maturation after Oocyte Retrieval with Gynecological Surgery. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1