

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|---------------|----------------|
| 248 papers | 3,639 citations | 30 h-index | 46 g-index |
| 276 ext. papers | 4,949 ext. citations | 5 avg, IF | 5.6 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 248 | Unambiguous observation of shape effects on cellular fate of nanoparticles. <i>Scientific Reports</i> , 2014 , 4, 4495 | 4.9 | 165 |
| 247 | A highly homozygous and parthenogenetic human embryonic stem cell line derived from a one-pronuclear oocyte following in vitro fertilization procedure. <i>Cell Research</i> , 2007 , 17, 999-1007 | 24.7 | 112 |
| 246 | Screening and identification of six serum microRNAs as novel potential combination biomarkers for pulmonary tuberculosis diagnosis. <i>PLoS ONE</i> , 2013 , 8, e81076 | 3.7 | 86 |
| 245 | Deconvolution of single-cell multi-omics layers reveals regulatory heterogeneity. <i>Nature Communications</i> , 2019 , 10, 470 | 17.4 | 84 |
| 244 | HLA-matching potential of an established human embryonic stem cell bank in China. <i>Cell Stem Cell</i> , 2009 , 5, 461-5 | 18 | 82 |
| 243 | Rapid endosomal escape of prickly nanodiamonds: implications for gene delivery. <i>Scientific Reports</i> , 2015 , 5, 11661 | 4.9 | 77 |
| 242 | Clinical outcome of preimplantation genetic diagnosis and screening using next generation sequencing. <i>GigaScience</i> , 2014 , 3, 30 | 7.6 | 77 |
| 241 | Potential new antitumor agents from an innovative combination of demethylcantharidin, a modified traditional Chinese medicine, with a platinum moiety. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 2065-8 | 8.3 | 69 |
| 240 | Oocyte stage-specific effects of MTOR determine granulosa cell fate and oocyte quality in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5326-E5333 | 11.5 | 68 |
| 239 | An auditory brain-computer interface using active mental response. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2010 , 18, 230-5 | 4.8 | 60 |
| 238 | Blood Pyrrole-Protein Adducts--A Biomarker of Pyrrolizidine Alkaloid-Induced Liver Injury in Humans. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2015 , 33, 404-21 | 4.5 | 59 |
| 237 | mutation that causes human non-obstructive azoospermia and premature ovarian insufficiency identified by whole-exome sequencing. <i>Journal of Medical Genetics</i> , 2018 , 55, 198-204 | 5.8 | 57 |
| 236 | Pre- and post-diagnosis physical activity is associated with survival benefits of colorectal cancer patients: a systematic review and meta-analysis. <i>Oncotarget</i> , 2016 , 7, 52095-52103 | 3.3 | 56 |
| 235 | Cytotoxicity of pyrrolizidine alkaloid in human hepatic parenchymal and sinusoidal endothelial cells: Firm evidence for the reactive metabolites mediated pyrrolizidine alkaloid-induced hepatotoxicity. <i>Chemico-Biological Interactions</i> , 2016 , 243, 119-26 | 5 | 53 |
| 234 | First evidence of pyrrolizidine alkaloid N-oxide-induced hepatic sinusoidal obstruction syndrome in humans. <i>Archives of Toxicology</i> , 2017 , 91, 3913-3925 | 5.8 | 49 |
| 233 | Loss-of-function mutations in TDRD7 lead to a rare novel syndrome combining congenital cataract and nonobstructive azoospermia in humans. <i>Genetics in Medicine</i> , 2019 , 21, 1209-1217 | 8.1 | 47 |
| 232 | Noninvasive prenatal testing (NIPT) in twin pregnancies with treatment of assisted reproductive techniques (ART) in a single center. <i>Prenatal Diagnosis</i> , 2016 , 36, 672-9 | 3.2 | 41 |

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|-----|---|------|----|
| 231 | ZP2 pathogenic variants cause in vitro fertilization failure and female infertility. <i>Genetics in Medicine</i> , 2019 , 21, 431-440 | 8.1 | 40 |
| 230 | Transcriptional activation of human CDCA8 gene regulated by transcription factor NF-Y in embryonic stem cells and cancer cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 22423-34 | 5.4 | 39 |
| 229 | Number of biopsied trophectoderm cells is likely to affect the implantation potential of blastocysts with poor trophectoderm quality. <i>Fertility and Sterility</i> , 2016 , 105, 1222-1227.e4 | 4.8 | 39 |
| 228 | The long persistence of pyrrolizidine alkaloid-derived DNA adducts in vivo: kinetic study following single and multiple exposures in male ICR mice. <i>Archives of Toxicology</i> , 2017 , 91, 949-965 | 5.8 | 37 |
| 227 | Pyrrole-protein adducts - A biomarker of pyrrolizidine alkaloid-induced hepatotoxicity. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 965-972 | 7 | 37 |
| 226 | An integrated chromatin accessibility and transcriptome landscape of human pre-implantation embryos. <i>Nature Communications</i> , 2019 , 10, 364 | 17.4 | 36 |
| 225 | Pyrrolizidine alkaloids in food and phytomedicine: Occurrence, exposure, toxicity, mechanisms, and risk assessment - A review. <i>Food and Chemical Toxicology</i> , 2020 , 136, 111107 | 4.7 | 36 |
| 224 | Intestinal and hepatic biotransformation of pyrrolizidine alkaloid N-oxides to toxic pyrrolizidine alkaloids. <i>Archives of Toxicology</i> , 2019 , 93, 2197-2209 | 5.8 | 33 |
| 223 | Biallelic mutations in lead to severe asthenoteratospermia due to acrosome hypoplasia and flagellum malformations. <i>Journal of Medical Genetics</i> , 2019 , 56, 750-757 | 5.8 | 33 |
| 222 | Pyrrolizidine Alkaloid-Protein Adducts: Potential Non-invasive Biomarkers of Pyrrolizidine Alkaloid-Induced Liver Toxicity and Exposure. <i>Chemical Research in Toxicology</i> , 2016 , 29, 1282-92 | 4 | 33 |
| 221 | Increased pregnancy complications following frozen-thawed embryo transfer during an artificial cycle. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 925-933 | 3.4 | 31 |
| 220 | The Relationship between Cell Number, Division Behavior and Developmental Potential of Cleavage Stage Human Embryos: A Time-Lapse Study. <i>PLoS ONE</i> , 2016 , 11, e0153697 | 3.7 | 31 |
| 219 | Oocyte-dependent activation of MTOR in cumulus cells controls the development and survival of cumulus-oocyte complexes. <i>Journal of Cell Science</i> , 2016 , 129, 3091-103 | 5.3 | 31 |
| 218 | Reversal of multidrug resistance by <i>Marsdenia tenacissima</i> and its main active ingredients polyoxypregnanes. <i>Journal of Ethnopharmacology</i> , 2017 , 203, 110-119 | 5 | 30 |
| 217 | Reciprocal Translocation Carrier Diagnosis in Preimplantation Human Embryos. <i>EBioMedicine</i> , 2016 , 14, 139-147 | 8.8 | 30 |
| 216 | Human hepatic progenitor cells express hematopoietic cell markers CD45 and CD109. <i>International Journal of Medical Sciences</i> , 2014 , 11, 65-79 | 3.7 | 30 |
| 215 | Long-read sequencing identified a causal structural variant in an exome-negative case and enabled preimplantation genetic diagnosis. <i>Hereditas</i> , 2018 , 155, 32 | 2.4 | 29 |
| 214 | Transporter modulation by Chinese herbal medicines and its mediated pharmacokinetic herb-drug interactions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1026, 236-253 | 3.2 | 28 |

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|-----|--|------|----|
| 213 | Differentiation of primordial germ cells from induced pluripotent stem cells of primary ovarian insufficiency. <i>Human Reproduction</i> , 2015 , 30, 737-48 | 5.7 | 28 |
| 212 | Vatalanib sensitizes ABCB1 and ABCG2-overexpressing multidrug resistant colon cancer cells to chemotherapy under hypoxia. <i>Biochemical Pharmacology</i> , 2015 , 97, 27-37 | 6 | 27 |
| 211 | Single embryo transfer by Day 3 time-lapse selection versus Day 5 conventional morphological selection: a randomized, open-label, non-inferiority trial. <i>Human Reproduction</i> , 2018 , 33, 869-876 | 5.7 | 27 |
| 210 | Investigation of association of chemical profiles with the tracheobronchial relaxant activity of Chinese medicinal herb Beimu derived from various Fritillaria species. <i>Journal of Ethnopharmacology</i> , 2018 , 210, 39-46 | 5 | 27 |
| 209 | Triterpenoid saponins profiling by adducts-targeted neutral loss triggered enhanced resolution and product ion scanning using triple quadrupole linear ion trap mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 819, 56-64 | 6.6 | 27 |
| 208 | Alterations of maternal serum and placental follistatin-like 3 and myostatin in pre-eclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2012 , 38, 988-96 | 1.9 | 27 |
| 207 | Neonatal outcomes of live births after blastocyst biopsy in preimplantation genetic testing cycles: a follow-up of 1,721 children. <i>Fertility and Sterility</i> , 2019 , 112, 82-88 | 4.8 | 25 |
| 206 | Novel mutations in SPEF2 causing different defects between flagella and cilia bridge: the phenotypic link between MMAF and PCD. <i>Human Genetics</i> , 2020 , 139, 257-271 | 6.3 | 25 |
| 205 | Single-Cell Transcriptome Analysis of Uniparental Embryos Reveals Parent-of-Origin Effects on Human Preimplantation Development. <i>Cell Stem Cell</i> , 2019 , 25, 697-712.e6 | 18 | 24 |
| 204 | A novel ultra-performance liquid chromatography hyphenated with quadrupole time of flight mass spectrometry method for rapid estimation of total toxic retronecine-type of pyrrolizidine alkaloids in herbs without requiring corresponding standards. <i>Food Chemistry</i> , 2016 , 194, 1320-8 | 8.5 | 24 |
| 203 | Cumulative Live Birth Rates in Low Prognosis Patients According to the POSEIDON Criteria: An Analysis of 26,697 Cycles of Fertilization/Intracytoplasmic Sperm Injection. <i>Frontiers in Endocrinology</i> , 2019 , 10, 642 | 5.7 | 24 |
| 202 | Pyrrole-Hemoglobin Adducts, a More Feasible Potential Biomarker of Pyrrolizidine Alkaloid Exposure. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1027-1039 | 4 | 23 |
| 201 | Identification of DNAH6 mutations in infertile men with multiple morphological abnormalities of the sperm flagella. <i>Scientific Reports</i> , 2019 , 9, 15864 | 4.9 | 23 |
| 200 | XRCC2 mutation causes premature ovarian insufficiency as well as non-obstructive azoospermia in humans. <i>Clinical Genetics</i> , 2019 , 95, 442-443 | 4 | 23 |
| 199 | A novel de novo POGZ mutation in a patient with intellectual disability. <i>Journal of Human Genetics</i> , 2016 , 61, 357-9 | 4.3 | 22 |
| 198 | Ribonuclease activity of MARF1 controls oocyte RNA homeostasis and genome integrity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11250-11255 ^{11.5} | 11.5 | 22 |
| 197 | Polyethylene glycol 400 (PEG400) affects the systemic exposure of oral drugs based on multiple mechanisms: taking berberine as an example. <i>RSC Advances</i> , 2017 , 7, 2435-2442 | 3.7 | 21 |
| 196 | Mesenchymal Stem Cells Alleviate DHEA-Induced Polycystic Ovary Syndrome (PCOS) by Inhibiting Inflammation in Mice. <i>Stem Cells International</i> , 2019 , 2019, 9782373 | 5 | 20 |

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|-----|--|------|----|
| 195 | Pelitinib (EKB-569) targets the up-regulation of ABCB1 and ABCG2 induced by hyperthermia to eradicate lung cancer. <i>British Journal of Pharmacology</i> , 2015 , 172, 4089-106 | 8.6 | 20 |
| 194 | Blastocysts can be rebiopsied for preimplantation genetic diagnosis and screening. <i>Fertility and Sterility</i> , 2014 , 102, 1641-5 | 4.8 | 20 |
| 193 | Dynamics and clinical relevance of maternal mRNA clearance during the oocyte-to-embryo transition in humans. <i>Nature Communications</i> , 2020 , 11, 4917 | 17.4 | 20 |
| 192 | The role of formation of pyrrole-ATP synthase subunit beta adduct in pyrrolizidine alkaloid-induced hepatotoxicity. <i>Archives of Toxicology</i> , 2018 , 92, 3403-3414 | 5.8 | 20 |
| 191 | Obstetric and neonatal outcomes in blastocyst-stage biopsy with frozen embryo transfer and cleavage-stage biopsy with fresh embryo transfer after preimplantation genetic diagnosis/screening. <i>Fertility and Sterility</i> , 2016 , 106, 105-112.e4 | 4.8 | 19 |
| 190 | Conversion of fibroblasts to neural cells by p53 depletion. <i>Cell Reports</i> , 2014 , 9, 2034-42 | 10.6 | 19 |
| 189 | New biallelic mutations in PADI6 cause recurrent preimplantation embryonic arrest characterized by direct cleavage. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 205-212 | 3.4 | 19 |
| 188 | New biallelic mutations in WEE2: expanding the spectrum of mutations that cause fertilization failure or poor fertilization. <i>Fertility and Sterility</i> , 2019 , 111, 510-518 | 4.8 | 19 |
| 187 | Isorhynchophylline ameliorates cognitive impairment via modulating amyloid pathology, tau hyperphosphorylation and neuroinflammation: Studies in a transgenic mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2019 , 82, 264-278 | 16.6 | 18 |
| 186 | A novel bone targeting delivery system carrying phytomolecule icaritin for prevention of steroid-associated osteonecrosis in rats. <i>Bone</i> , 2018 , 106, 52-60 | 4.7 | 18 |
| 185 | First-trimester diagnosis and management of Cesarean scar pregnancies after in vitro fertilization-embryo transfer: a retrospective clinical analysis of 12 cases. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 126 | 5 | 18 |
| 184 | A new perspective on C-reactive protein in H7N9 infections. <i>International Journal of Infectious Diseases</i> , 2016 , 44, 31-6 | 10.5 | 18 |
| 183 | Homozygous Mutations in BTG4 Cause Zygotic Cleavage Failure and Female Infertility. <i>American Journal of Human Genetics</i> , 2020 , 107, 24-33 | 11 | 17 |
| 182 | A hepatocyte differentiation model reveals two subtypes of liver cancer with different oncofetal properties and therapeutic targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6103-6113 | 11.5 | 17 |
| 181 | Knockdown of EHF inhibited the proliferation, invasion and tumorigenesis of ovarian cancer cells. <i>Molecular Carcinogenesis</i> , 2016 , 55, 1048-59 | 5 | 17 |
| 180 | Qianliguang (<i>Senecio scandens</i>) safety dilemma: dose is the key?. <i>Planta Medica</i> , 2009 , 75, 1107-11 | 3.1 | 17 |
| 179 | Pyrrolizidine alkaloid-derived DNA adducts are common toxicological biomarkers of pyrrolizidine alkaloid N-oxides. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 984-991 | 7 | 16 |
| 178 | Pregnancy outcomes of women with a congenital unicornuate uterus after IVF-embryo transfer. <i>Reproductive BioMedicine Online</i> , 2017 , 35, 583-591 | 4 | 16 |

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| 177 | The Effect of Probiotic Treatment on Patients Infected with the H7N9 Influenza Virus. <i>PLoS ONE</i> , 2016 , 11, e0151976 | 3.7 | 16 |
| 176 | Absorption difference between hepatotoxic pyrrolizidine alkaloids and their N-oxides - Mechanism and its potential toxic impact. <i>Journal of Ethnopharmacology</i> , 2020 , 249, 112421 | 5 | 16 |
| 175 | Mutational Signature Analysis Reveals Widespread Contribution of Pyrrolizidine Alkaloid Exposure to Human Liver Cancer. <i>Hepatology</i> , 2021 , 74, 264-280 | 11.2 | 16 |
| 174 | ZP1 mutations are associated with empty follicle syndrome: evidence for the existence of an intact oocyte and a zona pellucida in follicles up to the early antral stage. A case report. <i>Human Reproduction</i> , 2019 , 34, 2201-2207 | 5.7 | 16 |
| 173 | Novel inactivating mutations in the FSH receptor cause premature ovarian insufficiency with resistant ovary syndrome. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 397-406 | 4 | 16 |
| 172 | Localization of estrogen receptor ER α and GPR30 on myenteric neurons of the gastrointestinal tract and their role in motility. <i>General and Comparative Endocrinology</i> , 2019 , 272, 63-75 ³ | | 16 |
| 171 | Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. <i>American Journal of Human Genetics</i> , 2021 , 108, 309-323 | 11 | 16 |
| 170 | Tu-San-Qi (<i>Gynura japonica</i>): the culprit behind pyrrolizidine alkaloid-induced liver injury in China. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1212-1222 | 8 | 15 |
| 169 | Smurf1 regulates macrophage proliferation, apoptosis and migration via JNK and p38 MAPK signaling pathways. <i>Molecular Immunology</i> , 2018 , 97, 20-26 | 4.3 | 15 |
| 168 | A logistic model to predict early pregnancy loss following in vitro fertilization based on 2601 infertility patients. <i>Reproductive Biology and Endocrinology</i> , 2016 , 14, 15 | 5 | 15 |
| 167 | A modified ultra-long pituitary downregulation protocol improved endometrial receptivity and clinical outcome for infertile patients with polycystic ovarian syndrome. <i>Experimental and Therapeutic Medicine</i> , 2015 , 10, 1865-1870 | 2.1 | 15 |
| 166 | In-Frame Variants in Gene Cause Premature Ovarian Insufficiency. <i>Frontiers in Genetics</i> , 2019 , 10, 1016 | 4.5 | 15 |
| 165 | Clinical application of pyrrole-hemoglobin adducts as a biomarker of pyrrolizidine alkaloid exposure in humans. <i>Archives of Toxicology</i> , 2021 , 95, 759-765 | 5.8 | 15 |
| 164 | Novel loss-of-function mutation in MCM8 causes premature ovarian insufficiency. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1165 | 2.3 | 14 |
| 163 | Anti-metastatic effect and mechanisms of Wenshen Zhuanggu Formula in human breast cancer cells. <i>Journal of Ethnopharmacology</i> , 2015 , 162, 39-46 | 5 | 14 |
| 162 | Polyoxypregnane steroids with an open-chain sugar moiety from <i>Marsdenia tenacissima</i> and their chemoresistance reversal activity. <i>Phytochemistry</i> , 2016 , 126, 47-58 | 4 | 14 |
| 161 | Correlation between chromosomal distribution and embryonic findings on ultrasound in early pregnancy loss after IVF-embryo transfer. <i>Human Reproduction</i> , 2016 , 31, 2212-8 | 5.7 | 14 |
| 160 | Mesenchymal Stem Cells Alleviate Moderate-to-Severe Psoriasis by Reducing the Production of Type I Interferon (IFN-I) by Plasmacytoid Dendritic Cells (pDCs). <i>Stem Cells International</i> , 2019 , 2019, 6961052 | 5 | 14 |

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| 159 | Lung injury induced by pyrrolizidine alkaloids depends on metabolism by hepatic cytochrome P450s and blood transport of reactive metabolites. <i>Archives of Toxicology</i> , 2021 , 95, 103-116 | 5.8 | 14 |
| 158 | Folate treatment of pregnant rat dams abolishes metabolic effects in female offspring induced by a paternal pre-conception unhealthy diet. <i>Diabetologia</i> , 2018 , 61, 1862-1876 | 10.3 | 14 |
| 157 | Polar body transfer restores the developmental potential of oocytes to blastocyst stage in a case of repeated embryo fragmentation. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 563-571 | 3.4 | 13 |
| 156 | Lysine Adduction by Reactive Metabolite(s) of Monocrotaline. <i>Chemical Research in Toxicology</i> , 2016 , 29, 333-41 | 4 | 13 |
| 155 | The differential antiemetic properties of GLP-1 receptor antagonist, exendin (9-39) in <i>Suncus murinus</i> (house musk shrew). <i>Neuropharmacology</i> , 2014 , 83, 71-8 | 5.5 | 13 |
| 154 | Effect of thyroid autoimmunity per se on assisted reproduction treatment outcomes: A meta-analysis. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016 , 55, 159-65 | 1.6 | 13 |
| 153 | Prevalence and authenticity of de-novo segmental aneuploidy (>16 Mb) in human blastocysts as detected by next-generation sequencing. <i>Reproductive BioMedicine Online</i> , 2018 , 37, 511-520 | 4 | 13 |
| 152 | A clear bias in parental origin of de novo pathogenic CNVs related to intellectual disability, developmental delay and multiple congenital anomalies. <i>Scientific Reports</i> , 2017 , 7, 44446 | 4.9 | 12 |
| 151 | Proteomic study of pyrrolizidine alkaloid-induced hepatic sinusoidal obstruction syndrome in rats. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1715-27 | 4 | 12 |
| 150 | Toxicoproteomic assessment of liver responses to acute pyrrolizidine alkaloid intoxication in rats. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2018 , 36, 65-83 | 4.5 | 12 |
| 149 | Location of Balanced Chromosome-Translocation Breakpoints by Long-Read Sequencing on the Oxford Nanopore Platform. <i>Frontiers in Genetics</i> , 2019 , 10, 1313 | 4.5 | 12 |
| 148 | Endometrial CD138 count appears to be a negative prognostic indicator for patients who have experienced previous embryo transfer failure. <i>Fertility and Sterility</i> , 2019 , 112, 1103-1111 | 4.8 | 12 |
| 147 | Novel mutations in PMFBP1, TSGA10 and SUN5: Expanding the spectrum of mutations that may cause acephalic spermatozoa. <i>Clinical Genetics</i> , 2020 , 97, 938-939 | 4 | 12 |
| 146 | Coronavirus: A possible cause of reduced male fertility. <i>Andrology</i> , 2021 , 9, 80-87 | 4.2 | 12 |
| 145 | Novel GATAD2B loss-of-function mutations cause intellectual disability in two unrelated cases. <i>Journal of Human Genetics</i> , 2017 , 62, 513-516 | 4.3 | 11 |
| 144 | Development of a two-layer transwell co-culture model for the in vitro investigation of pyrrolizidine alkaloid-induced hepatic sinusoidal damage. <i>Food and Chemical Toxicology</i> , 2019 , 129, 391-398 | 4.7 | 11 |
| 143 | Single-cell RNA-seq reveals distinct dynamic behavior of sex chromosomes during early human embryogenesis. <i>Molecular Reproduction and Development</i> , 2019 , 86, 871-882 | 2.6 | 11 |
| 142 | Novel FOXL2 mutations cause blepharophimosis-ptosis-epicanthus inversus syndrome with premature ovarian insufficiency. <i>Molecular Genetics & Genomic Medicine</i> , 2018 , 6, 261-267 | 2.3 | 11 |

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| 141 | Identification of proteins related to epigenetic regulation in the malignant transformation of aberrant karyotypic human embryonic stem cells by quantitative proteomics. <i>PLoS ONE</i> , 2014 , 9, e85823 | 3.7 | 11 |
| 140 | Comprehensive investigation and risk study on pyrrolizidine alkaloid contamination in Chinese retail honey. <i>Environmental Pollution</i> , 2020 , 267, 115542 | 9.3 | 11 |
| 139 | Inner cell mass incarceration in 8-shaped blastocysts does not increase monozygotic twinning in preimplantation genetic diagnosis and screening patients. <i>PLoS ONE</i> , 2018 , 13, e0190776 | 3.7 | 10 |
| 138 | Primary and secondary pyrrolic metabolites of pyrrolizidine alkaloids form DNA adducts in human A549 cells. <i>Toxicology in Vitro</i> , 2019 , 54, 286-294 | 3.6 | 10 |
| 137 | Smurf1 controls S phase progression and tumorigenesis through Wee1 degradation. <i>FEBS Letters</i> , 2017 , 591, 1150-1158 | 3.8 | 9 |
| 136 | Main-chain biodegradable liquid crystal derived from cholesteryl derivative end-capped poly(trimethylene carbonate): synthesis and characterisation. <i>Liquid Crystals</i> , 2017 , 44, 1050-1058 | 2.3 | 9 |
| 135 | Phosphocreatine attenuates -induced hepatocyte apoptosis via a SIRT3-SOD2-mitochondrial reactive oxygen species pathway. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 2081-2096 | 4.4 | 9 |
| 134 | The In Vitro Enzymatic Degradation of Cross-Linked Poly(trimethylene carbonate) Networks. <i>Polymers</i> , 2017 , 9, | 4.5 | 9 |
| 133 | Novel homozygous variations in PLCZ1 lead to poor or failed fertilization characterized by abnormal localization patterns of PLC β in sperm. <i>Clinical Genetics</i> , 2020 , 97, 347-351 | 4 | 9 |
| 132 | Metabolism-mediated cytotoxicity and genotoxicity of pyrrolizidine alkaloids. <i>Archives of Toxicology</i> , 2021 , 95, 1917-1942 | 5.8 | 9 |
| 131 | Discriminant analysis forecasting model of first trimester pregnancy outcomes developed by following 9,963 infertile patients after in vitro fertilization. <i>Fertility and Sterility</i> , 2016 , 105, 1261-1265 | 4.8 | 9 |
| 130 | Modeling Glanzmann thrombasthenia using patient specific iPSCs and restoring platelet aggregation function by CD41 overexpression. <i>Stem Cell Research</i> , 2017 , 20, 14-20 | 1.6 | 8 |
| 129 | Insights into the central pathways involved in the emetic and behavioural responses to exendin-4 in the ferret. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 202, 122-135 | 2.4 | 8 |
| 128 | Differential hypoglycaemic, anorectic, autonomic and emetic effects of the glucagon-like peptide receptor agonist, exendin-4, in the conscious telemetered ferret. <i>Journal of Translational Medicine</i> , 2014 , 12, 327 | 8.5 | 8 |
| 127 | VEGF Promotes Endothelial Cell Differentiation from Human Embryonic Stem Cells Mainly Through PKC- ϵ /IP3 pathway. <i>Stem Cells and Development</i> , 2020 , 29, 90-99 | 4.4 | 8 |
| 126 | The dynamic changes of X chromosome inactivation during early culture of human embryonic stem cells. <i>Stem Cell Research</i> , 2016 , 17, 84-92 | 1.6 | 8 |
| 125 | Adduct ion-targeted qualitative and quantitative analysis of polyoxypregnanes by ultra-high pressure liquid chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 145, 127-136 | 3.5 | 7 |
| 124 | CHD1L Promotes Neuronal Differentiation in Human Embryonic Stem Cells by Upregulating PAX6. <i>Stem Cells and Development</i> , 2017 , 26, 1626-1636 | 4.4 | 7 |

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| 123 | Letrozole supplementation during controlled ovarian stimulation in expected high responders: a pilot randomized controlled study. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 43 | 5 | 7 |
| 122 | Evidence on Integrating Pharmacokinetics to Find Truly Therapeutic Agent for Alzheimer's Disease: Comparative Pharmacokinetics and Disposition Kinetics Profiles of Stereoisomers Isorhynchophylline and Rhynchophylline in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 4016323 | 2.3 | 7 |
| 121 | Genetic underpinnings of asthenozoospermia. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2020 , 34, 101472 | 6.5 | 7 |
| 120 | CDCA8 regulates meiotic spindle assembly and chromosome segregation during human oocyte meiosis. <i>Gene</i> , 2020 , 741, 144495 | 3.8 | 7 |
| 119 | Identification of biparental and diploid blastocysts from monopronuclear zygotes with the use of a single-nucleotide polymorphism array. <i>Fertility and Sterility</i> , 2018 , 110, 545-554.e5 | 4.8 | 7 |
| 118 | A novel technique for hepatic progenitor cell isolation from normal adult rat livers. <i>ASAIO Journal</i> , 2012 , 58, 73-8 | 3.6 | 7 |
| 117 | CRISPR/Cas9-AAV Mediated Knock-in at NRL Locus in Human Embryonic Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2016 , 5, e393 | 10.7 | 7 |
| 116 | Centrally located GLP-1 receptors modulate gastric slow waves and cardiovascular function in ferrets consistent with the induction of nausea. <i>Neuropeptides</i> , 2017 , 65, 28-36 | 3.3 | 6 |
| 115 | Immunoassay approach for diagnosis of exposure to pyrrolizidine alkaloids. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2017 , 35, 127-139 | 4.5 | 6 |
| 114 | The risk of placenta previa and cesarean section associated with a thin endometrial thickness: a retrospective study of 5251 singleton births during frozen embryo transfer in China. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 300, 1227-1237 | 2.5 | 6 |
| 113 | 1-Formyl-7-hydroxy-6,7-dihydro-5 H-pyrrolizine (1-CHO-DHP): A Potential Proximate Carcinogenic Metabolite of Pyrrolizidine Alkaloids. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1193-1203 | 4 | 6 |
| 112 | An M1AP homozygous splice-site mutation associated with severe oligozoospermia in a consanguineous family. <i>Clinical Genetics</i> , 2020 , 97, 741-746 | 4 | 6 |
| 111 | Clinical outcomes in carriers of complex chromosomal rearrangements: a retrospective analysis of comprehensive chromosome screening results in seven cases. <i>Fertility and Sterility</i> , 2018 , 109, 486-492 | 4.8 | 6 |
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