

Mahesh Choolani

List of Publications by Year in descending order

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153
papers

7,596
citations

50244

46
h-index

62565

80
g-index

158
all docs

158
docs citations

158
times ranked

13307
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus disease 2019 (COVID-19) pandemic and pregnancy. American Journal of Obstetrics and Gynecology, 2020, 222, 521-531.	0.7	893
2	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. Immunity, 2016, 45, 669-684.	6.6	683
3	Superior Osteogenic Capacity for Bone Tissue Engineering of Fetal Compared with Perinatal and Adult Mesenchymal Stem Cells. Stem Cells, 2009, 27, 126-137.	1.4	269
4	Functional genomics identifies five distinct molecular subtypes with clinical relevance and pathways for growth control in epithelial ovarian cancer. EMBO Molecular Medicine, 2013, 5, 1051-1066.	3.3	235
5	Human fetal dendritic cells promote prenatal T-cell immune suppression through arginase-2. Nature, 2017, 546, 662-666.	13.7	199
6	A study on Singaporean women's acceptance of using mobile phones to seek health information. International Journal of Medical Informatics, 2011, 80, e189-e202.	1.6	179
7	Pre- and Postnatal Transplantation of Fetal Mesenchymal Stem Cells in Osteogenesis Imperfecta: A Two-Center Experience. Stem Cells Translational Medicine, 2014, 3, 255-264.	1.6	162
8	Microbial exposure during early human development primes fetal immune cells. Cell, 2021, 184, 3394-3409.e20.	13.5	141
9	Perturbation of fetal liver hematopoietic stem and progenitor cell development by trisomy 21. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17579-17584.	3.3	138
10	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. Biomaterials, 2012, 33, 2656-2672.	5.7	138
11	Microcarrier Culture for Efficient Expansion and Osteogenic Differentiation of Human Fetal Mesenchymal Stem Cells. BioResearch Open Access, 2013, 2, 84-97.	2.6	132
12	Human umbilical cord wharton's jelly stem cell (hWJSC) extracts inhibit cancer cell growth in vitro. Journal of Cellular Biochemistry, 2012, 113, 2027-2039.	1.2	127
13	Neo-vascularization and bone formation mediated by fetal mesenchymal stem cell tissue-engineered bone grafts in critical-size femoral defects. Biomaterials, 2010, 31, 608-620.	5.7	122
14	An exploratory study of ageing women's perception on access to health informatics via a mobile phone-based intervention. International Journal of Medical Informatics, 2012, 81, 637-648.	1.6	119
15	A biaxial rotating bioreactor for the culture of fetal mesenchymal stem cells for bone tissue engineering. Biomaterials, 2009, 30, 2694-2704.	5.7	115
16	The GAS6-AXL signaling network is a mesenchymal (Mes) molecular subtype-specific therapeutic target for ovarian cancer. Science Signaling, 2016, 9, ra97.	1.6	105
17	Care of the pregnant woman with coronavirus disease 2019 in labor and delivery: anesthesia, emergency Cesarean delivery, differential diagnosis in the acutely ill parturient, care of the newborn, and protection of the healthcare personnel. American Journal of Obstetrics and Gynecology, 2020, 223, 66-74.e3.	0.7	104
18	Lipidomic analysis of human placental Syncytiotrophoblast microvesicles in adverse pregnancy outcomes. Placenta, 2013, 34, 436-442.	0.7	103

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19	Human umbilical cord wharton's jelly mesenchymal stem cells do not transform to tumor-associated fibroblasts in the presence of breast and ovarian cancer cells unlike bone marrow mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1886-1895.	1.2	84
20	Proteomic analysis of human placental syncytiotrophoblast microvesicles in preeclampsia. <i>Clinical Proteomics</i> , 2014, 11, 40.	1.1	77
21	Extra-embryonic human Wharton's jelly stem cells do not induce tumorigenesis, unlike human embryonic stem cells. <i>Reproductive BioMedicine Online</i> , 2012, 24, 235-246.	1.1	74
22	Prospective evaluation of screening performance of first-trimester prediction models for preterm preeclampsia in an Asian population. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 650.e1-650.e16.	0.7	73
23	Circulating Haptoglobin Is an Independent Prognostic Factor in the Sera of Patients with Epithelial Ovarian Cancer. <i>Neoplasia</i> , 2007, 9, 1-7.	2.3	72
24	Vasculogenic and Osteogenesis-Enhancing Potential of Human Umbilical Cord Blood Endothelial Colony-Forming Cells. <i>Stem Cells</i> , 2012, 30, 1911-1924.	1.4	72
25	Microgel Iron Oxide Nanoparticles for Tracking Human Fetal Mesenchymal Stem Cells Through Magnetic Resonance Imaging. <i>Stem Cells</i> , 2009, 27, 1921-1931.	1.4	71
26	Contrasting Effects of Vasculogenic Induction Upon Biaxial Bioreactor Stimulation of Mesenchymal Stem Cells and Endothelial Progenitor Cells Cocultures in Three-Dimensional Scaffolds Under <i>In Vitro</i> and <i>In Vivo</i> Paradigms for Vascularized Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2013, 19, 893-904.	1.6	71
27	Human Wharton's Jelly Stem Cells and Its Conditioned Medium Enhance Healing of Excisional and Diabetic Wounds. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 290-302.	1.2	70
28	Application of micro-solid-phase extraction for the determination of persistent organic pollutants in tissue samples. <i>Journal of Chromatography A</i> , 2008, 1186, 358-364.	1.8	68
29	<i>In vitro</i> and <i>in vivo</i> correlates of physiological and neoplastic human Fallopian tube stem cells. <i>Journal of Pathology</i> , 2016, 238, 519-530.	2.1	68
30	Stable Human FIX Expression After 0.9G Intrauterine Gene Transfer of Self-complementary Adeno-associated Viral Vector 5 and 8 in Macaques. <i>Molecular Therapy</i> , 2011, 19, 1950-1960.	3.7	66
31	CSIOVDB: a microarray gene expression database of epithelial ovarian cancer subtype. <i>Oncotarget</i> , 2015, 6, 43843-43852.	0.8	66
32	PEOlated Micelle/Silica as Dual-Layer Protection of Quantum Dots for Stable and Targeted Bioimaging. <i>Chemistry of Materials</i> , 2013, 25, 2976-2985.	3.2	63
33	RUNX3 functions as an oncogene in ovarian cancer. <i>Gynecologic Oncology</i> , 2011, 122, 410-417.	0.6	62
34	Application of porous membrane protected micro-solid-phase-extraction combined with gas chromatography-mass spectrometry for the determination of estrogens in ovarian cyst fluid samples. <i>Analytica Chimica Acta</i> , 2011, 687, 56-60.	2.6	61
35	Biodegradable ECM-coated PCL microcarriers support scalable human early MSC expansion and <i>in vivo</i> bone formation. <i>Cytotherapy</i> , 2016, 18, 1332-1344.	0.3	60
36	Fetal Treatment 2017: The Evolution of Fetal Therapy Centers - A Joint Opinion from the International Fetal Medicine and Surgical Society (IFMSS) and the North American Fetal Therapy Network (NAFTNet). <i>Fetal Diagnosis and Therapy</i> , 2017, 42, 241-248.	0.6	60

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37	microRNA-200b modulates microglia-mediated neuroinflammation <i>via</i> the cJun/MAPK pathway. <i>Journal of Neurochemistry</i> , 2014, 130, 388-401.	2.1	58
38	Differential recovery of membrane proteins after extraction by aqueous methanol and trifluoroethanol. <i>Proteomics</i> , 2007, 7, 1654-1663.	1.3	56
39	Preferences for prenatal tests for Down syndrome: an international comparison of the views of pregnant women and health professionals. <i>European Journal of Human Genetics</i> , 2016, 24, 968-975.	1.4	56
40	Biodegradable poly- μ -caprolactone microcarriers for efficient production of human mesenchymal stromal cells and secreted cytokines in batch and fed-batch bioreactors. <i>Cytotherapy</i> , 2017, 19, 419-432.	0.3	55
41	Silica-shell cross-linked micelles encapsulating fluorescent conjugated polymers for targeted cellular imaging. <i>Biomaterials</i> , 2012, 33, 237-246.	5.7	54
42	Mechanisms and evidence of vertical transmission of infections in pregnancy including <i>SARS-CoV-2</i> s. <i>Prenatal Diagnosis</i> , 2020, 40, 1655-1670.	1.1	53
43	Simultaneous fetal cell identification and diagnosis by epsilon-globin chain immunophenotyping and chromosomal fluorescence in situ hybridization. <i>Blood</i> , 2001, 98, 554-557.	0.6	52
44	Characterization of first trimester fetal erythroblasts for non-invasive prenatal diagnosis. <i>Molecular Human Reproduction</i> , 2003, 9, 227-235.	1.3	52
45	Human Wharton's Jelly Mesenchymal Stem Cells Show Unique Gene Expression Compared with Bone Marrow Mesenchymal Stem Cells Using Single-Cell RNA-Sequencing. <i>Stem Cells and Development</i> , 2019, 28, 196-211.	1.1	52
46	Non-invasive prenatal diagnostic testing for β -thalassaemia using cell-free fetal DNA and next generation sequencing. <i>Prenatal Diagnosis</i> , 2015, 35, 258-265.	1.1	51
47	Has noninvasive prenatal testing impacted termination of pregnancy and live birth rates of infants with <i>Down</i> syndrome?. <i>Prenatal Diagnosis</i> , 2017, 37, 1281-1290.	1.1	51
48	Respiratory competent mitochondria in human ovarian and peritoneal cancer. <i>Mitochondrion</i> , 2011, 11, 437-443.	1.6	50
49	Enhanced in vitro osteogenic differentiation of human fetal MSCs attached to 3D microcarriers versus harvested from 2D monolayers. <i>BMC Biotechnology</i> , 2015, 15, 102.	1.7	49
50	Human Fetal Hepatic Progenitor Cells Are Distinct from, but Closely Related to, Hematopoietic Stem/Progenitor Cells. <i>Stem Cells</i> , 2013, 31, 1160-1169.	1.4	47
51	The use of microgel iron oxide nanoparticles in studies of magnetic resonance relaxation and endothelial progenitor cell labelling. <i>Biomaterials</i> , 2010, 31, 3296-3306.	5.7	46
52	Application of microwave-assisted micro-solid-phase extraction for determination of parabens in human ovarian cancer tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 192-198.	1.2	44
53	Separation of model mixtures of epsilon-globin positive fetal nucleated red blood cells and anucleate erythrocytes using a microfluidic device. <i>Journal of Chromatography A</i> , 2010, 1217, 1862-1866.	1.8	43
54	Human Wharton's Jelly Stem Cells, its Conditioned Medium and Cell-Free Lysate Inhibit the Growth of Human Lymphoma Cells. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 573-586.	5.6	43

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55	A Nanoscaffold Impregnated With Human Wharton's Jelly Stem Cells or Its Secretions Improves Healing of Wounds. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 794-803.	1.2	42
56	Pre-differentiation of human neural stem cells into GABAergic neurons prior to transplant results in greater repopulation of the damaged brain and accelerates functional recovery after transient ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2015, 6, 186.	2.4	41
57	Development of cell-selective films for layered co-culturing of vascular progenitor cells. <i>Biomaterials</i> , 2009, 30, 2241-2251.	5.7	40
58	Sonographic diagnosis and successful medical management of an intramural ectopic pregnancy. <i>Journal of Clinical Ultrasound</i> , 2010, 38, 320-324.	0.4	39
59	Challenges in non-invasive prenatal screening for sub-chromosomal copy number variations using cell-free DNA. <i>Prenatal Diagnosis</i> , 2017, 37, 1067-1075.	1.1	37
60	Proteomic technologies for prenatal diagnostics: advances and challenges ahead. <i>Expert Review of Proteomics</i> , 2009, 6, 87-101.	1.3	36
61	Identifying occult maternal malignancies from 1.93 million pregnant women undergoing noninvasive prenatal screening tests. <i>Genetics in Medicine</i> , 2019, 21, 2293-2302.	1.1	36
62	Hepatic differentiation of human amniotic epithelial cells and <i>in vivo</i> therapeutic effect on animal model of cirrhosis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 1673-1682.	1.4	35
63	Human Wharton's Jelly stem cell conditioned medium and cell-free lysate inhibit human osteosarcoma and mammary carcinoma cell growth in vitro and in xenograft mice. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 366-377.	1.2	33
64	The promise of fetal cells in maternal blood. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 655-667.	1.4	31
65	Human Keloid Cell Characterization and Inhibition of Growth with Human Wharton's Jelly Stem Cell Extracts. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 826-838.	1.2	31
66	In Utero Transfer of Adeno-Associated Viral Vectors Produces Long-Term Factor IX Levels in a Cynomolgus Macaque Model. <i>Molecular Therapy</i> , 2017, 25, 1843-1853.	3.7	30
67	Pedagogy in a pandemic – COVID-19 and virtual continuing medical education (vCME) in obstetrics and gynecology. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 692-695.	1.3	29
68	A prospective, randomized comparison of vaginal misoprostol versus intra-amniotic prostaglandins for midtrimester termination of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1410-1414.	0.7	28
69	Beyond Cell Capture: Antibody Conjugation Improves Hemocompatibility for Vascular Tissue Engineering Applications. <i>Tissue Engineering - Part A</i> , 2010, 16, 2485-2495.	1.6	28
70	Thalassaemia screening and confirmation of carriers in parents. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017, 39, 27-40.	1.4	27
71	Lab-on-a-chip technology: impacting non-invasive prenatal diagnostics (NIPD) through miniaturisation. <i>Lab on A Chip</i> , 2014, 14, 841.	3.1	26
72	SERS-based quantitative detection of ovarian cancer prognostic factor haptoglobin. <i>International Journal of Nanomedicine</i> , 2015, 10, 1831.	3.3	26

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73	Noninvasive prenatal diagnosis of fetal aneuploidies and Mendelian disorders: new innovative strategies. <i>Expert Review of Molecular Diagnostics</i> , 2009, 9, 613-621.	1.5	25
74	Stability of cell-free DNA from maternal plasma isolated following a single centrifugation step. <i>Prenatal Diagnosis</i> , 2014, 34, 1283-1288.	1.1	25
75	Human Umbilical Cord Wharton's Jelly Stem Cell Conditioned Medium Induces Tumoricidal Effects on Lymphoma Cells Through Hydrogen Peroxide Mediation. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2045-2055.	1.2	25
76	Fetal Diagnosis and Therapy during the COVID-19 Pandemic: Guidance on Behalf of the International Fetal Medicine and Surgery Society. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 689-698.	0.6	25
77	Noninvasive prenatal exclusion of haemoglobin Bart's using foetal DNA from maternal plasma. <i>Prenatal Diagnosis</i> , 2010, 30, 65-73.	1.1	24
78	Expansion in microcarrier-spinner cultures improves the chondrogenic potential of human early mesenchymal stromal cells. <i>Cytherapy</i> , 2016, 18, 740-753.	0.3	24
79	Same-day prenatal diagnosis of common chromosomal aneuploidies using microfluidics-fluorescence in situ hybridization. <i>Prenatal Diagnosis</i> , 2012, 32, 321-328.	1.1	23
80	Long-Term Reproducible Expression in Human Fetal Liver Hematopoietic Stem Cells with a UCOE-Based Lentiviral Vector. <i>PLoS ONE</i> , 2014, 9, e104805.	1.1	21
81	Therapeutic expression of human clotting factors IX and X following adeno-associated viral vector-mediated intrauterine gene transfer in early-gestation fetal macaques. <i>FASEB Journal</i> , 2019, 33, 3954-3967.	0.2	21
82	Measurement of fetal fraction in cell-free DNA from maternal plasma using a panel of insertion/deletion polymorphisms. <i>PLoS ONE</i> , 2017, 12, e0186771.	1.1	21
83	Microsatellite Markers within SEA Breakpoints for Prenatal Diagnosis of HbBarts Hydrops Fetalis. <i>Clinical Chemistry</i> , 2007, 53, 173-179.	1.5	20
84	Long-Term Fate of Human Fetal Liver Progenitor Cells Transplanted in Injured Mouse Livers. <i>Stem Cells</i> , 2018, 36, 103-113.	1.4	20
85	FastFISH: technique for ultrarapid fluorescence in situ hybridization on uncultured amniocytes yielding results within 2h of amniocentesis. <i>Molecular Human Reproduction</i> , 2007, 13, 355-359.	1.3	19
86	Fetal gene therapy: recent advances and current challenges. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 1257-1271.	1.4	19
87	CD26/DPPIV down-regulation in endometrial stromal cell migration in endometriosis. <i>Fertility and Sterility</i> , 2014, 102, 167-177.e9.	0.5	19
88	Novel approaches to manipulating foetal cells in the maternal circulation for non-invasive prenatal diagnosis of the unborn child. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1475-1485.	1.2	18
89	Decidual expression and localization of human surfactant protein SP-A and SP-D, and complement protein C1q. <i>Molecular Immunology</i> , 2015, 66, 197-207.	1.0	18
90	Detection of aneuploidy from single fetal nucleated red blood cells using whole genome sequencing. <i>Prenatal Diagnosis</i> , 2015, 35, 637-644.	1.1	18

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91	Effects of tricalcium phosphate in polycaprolactone scaffold for mesenchymal stem cell-based bone tissue engineering. <i>Materials Technology</i> , 2019, 34, 361-367.	1.5	18
92	Fetal and Maternal Safety Considerations for In Utero Therapy Clinical Trials: iFeTiS Consensus Statement. <i>Molecular Therapy</i> , 2020, 28, 2316-2319.	3.7	18
93	Expandability of haemopoietic progenitors in first trimester fetal and maternal blood: implications for non-invasive prenatal diagnosis. <i>Prenatal Diagnosis</i> , 2002, 22, 463-469.	1.1	17
94	Combined panel of serum human tissue kallikreins and CA-125 for the detection of epithelial ovarian cancer. <i>Journal of Gynecologic Oncology</i> , 2012, 23, 175.	1.0	17
95	Development of highly reliable SERS-activated photonic crystal fiber probe and its application in the detection of ovarian cancer biomarker in cyst fluid. <i>Journal of Biophotonics</i> , 2020, 13, e201960120.	1.1	17
96	The perception and intention to adopt female-focused healthcare applications (FHA): A comparison between healthcare workers and non-healthcare workers. <i>International Journal of Medical Informatics</i> , 2009, 78, 248-258.	1.6	16
97	Aurora-A expression, hormone receptor status and clinical outcome in hormone related cancers. <i>Pathology</i> , 2010, 42, 540-546.	0.3	15
98	The case for intrauterine stem cell transplantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 683-695.	1.4	15
99	The case for intrauterine gene therapy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 697-709.	1.4	15
100	Maternal serum protein profile and immune response protein subunits as markers for non-invasive prenatal diagnosis of trisomy 21, 18, and 13. <i>Prenatal Diagnosis</i> , 2013, 33, 223-231.	1.1	15
101	Critical attributes of human early mesenchymal stromal cell-laden microcarrier constructs for improved chondrogenic differentiation. <i>Stem Cell Research and Therapy</i> , 2017, 8, 93.	2.4	15
102	Evaluation of preferences of women and healthcare professionals in Singapore for implementation of noninvasive prenatal testing for Down syndrome. <i>Singapore Medical Journal</i> , 2017, 58, 298-310.	0.3	15
103	Noninvasive fetal RHD genotyping to guide targeted anti-D prophylaxis: an external quality assessment workshop. <i>Vox Sanguinis</i> , 2019, 114, 386-393.	0.7	14
104	Spotlight on the Granules (Grainyhead-Like Proteins) – From an Evolutionary Conserved Controller of Epithelial Trait to Pioneering the Chromatin Landscape. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 213.	1.6	14
105	Inhibition of growth of Asian keloid cells with human umbilical cord Wharton's jelly stem cell-conditioned medium. <i>Stem Cell Research and Therapy</i> , 2020, 11, 78.	2.4	14
106	The Role of Long Non-Coding RNAs in Trophoblast Regulation in Preeclampsia and Intrauterine Growth Restriction. <i>Genes</i> , 2021, 12, 970.	1.0	14
107	Ovarian cancer proteomics: Many technologies one goal. <i>Proteomics - Clinical Applications</i> , 2008, 2, 195-218.	0.8	13
108	Dealing with uncertain results from chromosomal microarray and exome sequencing in the prenatal setting: An international cross-sectional study with healthcare professionals. <i>Prenatal Diagnosis</i> , 2021, 41, 720-732.	1.1	13

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109	The assessment of combined first trimester screening in women of advanced maternal age in an Asian cohort. Singapore Medical Journal, 2015, 56, 47-52.	0.3	13
110	Membrane proteins of human fetal primitive nucleated red blood cells. Journal of Proteomics, 2012, 75, 5762-5773.	1.2	12
111	Establishing Prenatal Surgery for Myelomeningocele in Asia: The Singapore Consensus. Fetal Diagnosis and Therapy, 2017, 41, 161-178.	0.6	12
112	Induction of Immunogenic Cell Death in Lymphoma Cells by Wharton's Jelly Mesenchymal Stem Cell Conditioned Medium. Stem Cell Reviews and Reports, 2017, 13, 801-816.	5.6	12
113	<p>SERS-based detection of haptoglobin in ovarian cyst fluid as a point-of-care diagnostic assay for epithelial ovarian cancer<p>. Cancer Management and Research, 2019, Volume 11, 1115-1124.	0.9	12
114	A murine model demonstrating reversal of structural and functional correlates of cirrhosis with progenitor cell transplantation. Scientific Reports, 2019, 9, 15446.	1.6	11
115	Supplementation of Omega 3 during Pregnancy and the Risk of Preterm Birth: A Systematic Review and Meta-Analysis. Nutrients, 2021, 13, 1704.	1.7	11
116	Transcriptional Factor PU.1 Regulates Decidual C1q Expression in Early Pregnancy in Human. Frontiers in Immunology, 2015, 6, 53.	2.2	10
117	Investigation of uterotonic properties of Ananas comosus extracts. Journal of Ethnopharmacology, 2016, 193, 21-29.	2.0	10
118	Factors associated with mobile health information seeking among Singaporean women. Journal of Women and Aging, 2017, 29, 75-86.	0.5	10
119	A comparison of intrauterine hemopoietic cell transplantation and lentiviral gene transfer for the correction of severe β^0 -thalassemia in a HbbTh3/+ murine model. Experimental Hematology, 2018, 62, 45-55.	0.2	10
120	Fetal therapy: 2020 and beyond. Prenatal Diagnosis, 2010, 30, 699-701.	1.1	9
121	A reasoned approach towards administering COVID-19 vaccines to pregnant women. Prenatal Diagnosis, 2021, 41, 1018-1035.	1.1	9
122	Model Surgical Training: Skills Acquisition in Fetoscopic Laser Photocoagulation of Monochorionic Diamniotic Twin Placenta Using Realistic Simulators. Journal of Visualized Experiments, 2018, , .	0.2	7
123	Diagnostic accuracy of haptoglobin within ovarian cyst fluid as a potential point-of-care test for epithelial ovarian cancer: an observational study. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 421-431.	1.1	7
124	Biology of human primitive erythroblasts for application in noninvasive prenatal diagnosis. Prenatal Diagnosis, 2018, 38, 673-684.	1.1	7
125	Impact of long-term storage of plasma and cell-free DNA on measured DNA quantity and fetal fraction. Vox Sanguinis, 2020, 115, 586-594.	0.7	7
126	Enhanced hepatic differentiation of human amniotic epithelial cells on polyethylene glycol-linked multiwalled carbon nanotube-coated hydrogels. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1556-1566.	1.3	6

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127	Prenatal detection of fetal Down's syndrome. Lancet, The, 2001, 357, 958-959.	6.3	5
128	Regionally-Specified Second Trimester Fetal Neural Stem Cells Reveals Differential Neurogenic Programming. PLoS ONE, 2014, 9, e105985.	1.1	5
129	Factors that impact on women's decision-making around prenatal genomic tests: An international discrete choice survey. Prenatal Diagnosis, 2022, 42, 934-946.	1.1	5
130	The design evolution of medical devices: moving from object to user. Journal of Design Research, 2008, 7, 411.	0.1	4
131	Human early mesenchymal stromal cells delivered on porous lightweight biodegradable polycaprolactone-based microcarriers result in improved cartilage formation. Materialia, 2020, 13, 100851.	1.3	4
132	Prospective Evaluation of International Prediction of Pregnancy Complications Collaborative Network Models for Prediction of Preeclampsia: Role of Serum sFlt-1 at 11-13 Weeks Gestation. Hypertension, 2022, 79, 314-322.	1.3	4
133	Prenatal Detection of Isochromosome 21 by QF-PCR. Fetal Diagnosis and Therapy, 2008, 24, 47-50.	0.6	2
134	Potent tocolytic activity of ethyl acetate fraction of Ananas comosus on rat and human uteri. Biomedicine and Pharmacotherapy, 2018, 105, 824-834.	2.5	2
135	Fetoscopic versus Ultrasound-Guided Intravascular Delivery of Maternal Bone Marrow Cells in Fetal Macaques: A Technical Model for Intrauterine Haemopoietic Cell Transplantation. Fetal Diagnosis and Therapy, 2019, 46, 175-186.	0.6	2
136	Maternal microchimerism and cell-mediated immune modulation enhance engraftment following semi-allogeneic intrauterine transplantation. FASEB Journal, 2021, 35, e21413.	0.2	2
137	Mentoring a surgical team towards procedural competence in the early learning curve for selective fetoscopic laser photocoagulation. Singapore Medical Journal, 2022, 63, 274-282.	0.3	2
138	Patients' perception of risk: informed choice in prenatal testing for foetal aneuploidy. Singapore Medical Journal, 2012, 53, 633-6; quiz 637.	0.3	2
139	Preimplantation genetic diagnosis of chromosome translocations by analysis of polymorphic short tandem repeats. Singapore Medical Journal, 2012, 53, 648-54.	0.3	2
140	The authors of the article cited above respond:. Clinical Chemistry, 2007, 53, 992-992.	1.5	1
141	Author's response to the letter by Li. Prenatal Diagnosis, 2010, 30, 391-391.	1.1	1
142	Fetal Mesenchymal Stem Cells. , 2010, , 339-367.		0
143	Preface. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2012, 26, 515-516.	1.4	0
144	251. Intrauterine Haemopoietic Stem Cell Therapy Followed By Postnatal Cell Re-Infusion To Enhance Engraftment in a Murine Thalassaemia Model. Molecular Therapy, 2015, 23, S98-S99.	3.7	0

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145	443. A Comparison of Fetal Gene Therapy Outcomes in Early and Late Gestation. <i>Molecular Therapy</i> , 2015, 23, S175-S176.	3.7	0
146	Noninvasive prenatal testing: Women's posttest opinions and raising awareness amongst radiologists. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 518-519.	0.9	0
147	Has Noninvasive Prenatal Testing Impacted Termination of Pregnancy and Live Birth Rates of Infants With Down Syndrome?. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 269-270.	0.2	0
148	Trisomy 21 in both fetuses in a DCDA twin pregnancy. <i>BMJ Case Reports</i> , 2019, 12, e227608.	0.2	0
149	Identifying Occult Maternal Malignancies From 1.93 Million Pregnant Women Undergoing Noninvasive Prenatal Screening Tests. <i>Obstetrical and Gynecological Survey</i> , 2020, 75, 155-157.	0.2	0
150	TNF α Antagonizes PDGF α Chemotactic Effects on Mesenchymal Stem Cells (MSC) Migration. <i>FASEB Journal</i> , 2009, 23, LB354.	0.2	0
151	Authors' reply. <i>Singapore Medical Journal</i> , 2013, 54, 238-238.	0.3	0
152	Authors' reply: The assessment of combined first trimester screening in women of advanced maternal age in an Asian cohort. <i>Singapore Medical Journal</i> , 2015, 56, 360-360.	0.3	0
153	BNT162B2 COVID-19 mRNA vaccination did not promote substantial anti-syncytin-1 antibody production nor mRNA transfer to breast milk in an exploratory pilot study. <i>Annals of the Academy of Medicine, Singapore</i> , 2022, 51, 309-312.	0.2	0