

# Alan W Flake

## List of Publications by Year in descending order

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162  
papers

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163  
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| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Human mesenchymal stem cells engraft and demonstrate site-specific differentiation after in utero transplantation in sheep. <i>Nature Medicine</i> , 2000, 6, 1282-1286.  | 30.7 | 1,161     |
| 2  | Evidence for gene transfer and expression of factor IX in haemophilia B patients treated with an AAV vector. <i>Nature Genetics</i> , 2000, 24, 257-261.  | 21.4 | 971       |
| 3  | The EXIT procedure: Experience and outcome in 31 cases. <i>Journal of Pediatric Surgery</i> , 2002, 37, 418-426.  | 1.6  | 342       |
| 4  | Treatment of X-Linked Severe Combined Immunodeficiency by in Utero Transplantation of Paternal Bone Marrow. <i>New England Journal of Medicine</i> , 1996, 335, 1806-1810.  | 27.0 | 341       |
| 5  | An extra-uterine system to physiologically support the extreme premature lamb. <i>Nature Communications</i> , 2017, 8, 15112.   | 12.8 | 240       |
| 6  | Treatment of severe congenital diaphragmatic hernia by fetal tracheal occlusion: Clinical experience with fifteen cases. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 1059-1066.             | 1.3  | 238       |
| 7  | In Utero Hematopoietic Stem Cell Transplantation: Ontogenic Opportunities and Biologic Barriers. <i>Blood</i> , 1999, 94, 2179-2191.  | 1.4  | 186       |
| 8  | The making of fetal surgery. <i>Prenatal Diagnosis</i> , 2010, 30, 653-667.   | 2.3  | 144       |
| 9  | High-level allogeneic chimerism achieved by prenatal tolerance induction and postnatal nonmyeloablative bone marrow transplantation. <i>Blood</i> , 2002, 100, 2225-2234.   | 1.4  | 109       |
| 10 | CD26 inhibition enhances allogeneic donor-cell homing and engraftment after in utero hematopoietic-cell transplantation. <i>Blood</i> , 2006, 108, 4268-4274.   | 1.4  | 94        |
| 11 | Microchimerism and Tolerance after in Utero Bone Marrow Transplantation in Mice. <i>Journal of Surgical Research</i> , 1998, 77, 1-5.   | 1.6  | 85        |
| 12 | Evidence for an immune barrier after in utero hematopoietic-cell transplantation. <i>Blood</i> , 2007, 109, 1331-1333.  | 1.4  | 85        |
| 13 | In utero bone marrow transplantation induces donor-specific tolerance by a combination of clonal deletion and clonal anergy. <i>Journal of Pediatric Surgery</i> , 1999, 34, 726-730.                             | 1.6  | 83        |
| 14 | Maternal alloantibodies induce a postnatal immune response that limits engraftment following in utero hematopoietic cell transplantation in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 2590-600. | 8.2  | 72        |
| 15 | Initial Laparotomy Versus Peritoneal Drainage in Extremely Low Birthweight Infants With Surgical Necrotizing Enterocolitis or Isolated Intestinal Perforation. <i>Annals of Surgery</i> , 2021, 274, e370-e380.   | 4.2  | 62        |
| 16 | Ex utero intrapartum treatment (EXIT) in the management of cervical lymphatic malformation. <i>Journal of Pediatric Surgery</i> , 2015, 50, 311-314.  | 1.6  | 60        |
| 17 | Stable long-term mixed chimerism achieved in a canine model of allogeneic in utero hematopoietic cell transplantation. <i>Blood</i> , 2014, 124, 1987-1995.   | 1.4  | 59        |
| 18 | Timing of repair of congenital diaphragmatic hernia in patients supported by extracorporeal membrane oxygenation (ECMO). <i>Journal of Pediatric Surgery</i> , 2015, 50, 260-262.                                 | 1.6  | 58        |

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|----|--|------|-----------|
| 19 | Complete tissue coverage achieved by scaffold-based tissue engineering in the fetal sheep model of Myelomeningocele. <i>Biomaterials</i> , 2016, 76, 133-143.  | 11.4 | 54        |
| 20 | Haploidentical In Utero Hematopoietic Cell Transplantation Improves Phenotype and Can Induce Tolerance for Postnatal Same-Donor Transplants in the Canine Leukocyte Adhesion Deficiency Model. <i>Biology of Blood and Marrow Transplantation</i> , 2009, 15, 293-305. | 2.0  | 51        |
| 21 | Neurodevelopmental outcomes at 5years of age in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 437-443.  | 1.6  | 49        |
| 22 | Urologic and anorectal complications of sacrococcygeal teratomas: Prenatal and postnatal predictors. <i>Journal of Pediatric Surgery</i> , 2014, 49, 139-143.  | 1.6  | 48        |
| 23 | Fetal intrapericardial teratoma: natural history and management including successful in utero surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 780.e1-780.e7.  | 1.3  | 48        |
| 24 | Congenital pulmonary airway malformation: advances and controversies. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 290-297.  | 5.6  | 47        |
| 25 | Pulmonary hypertension in giant omphalocele infants. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1767-1770.  | 1.6  | 44        |
| 26 | Right- versus left-sided congenital diaphragmatic hernia: a comparative outcomes analysis. <i>Journal of Pediatric Surgery</i> , 2016, 51, 900-902.  | 1.6  | 44        |
| 27 | Murine bone marrow derived stromal progenitor cells fail to prevent or treat acute graft-versus-host disease. <i>British Journal of Haematology</i> , 2008, 141, 224-234.  | 2.5  | 43        |
| 28 | Correction of murine hemoglobinopathies by prenatal tolerance induction and postnatal nonmyeloablative allogeneic BM transplants. <i>Blood</i> , 2015, 126, 1245-1254.   | 1.4  | 42        |
| 29 | Benchmarking against the MOMS Trial: Zurich Results of Open Fetal Surgery for Spina Bifida. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 91-97.  | 1.4  | 41        |
| 30 | Maintenance of CD34 Expression During Proliferation of CD34&plus;Cord Blood Cells on Glycosaminoglycan Surfaces. <i>Stem Cells</i> , 1999, 17, 295-305.  | 3.2  | 40        |
| 31 | In utero stem cell transplantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2004, 18, 941-958.  | 2.8  | 38        |
| 32 | In utero stem cell transplantation and gene therapy: Recent progress and the potential for clinical application. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 88-98.   | 2.8  | 38        |
| 33 | Experience with Thoracoscopic Repair of Long Gap Esophageal Atresia in Neonates. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2015, 25, 932-935.   | 1.0  | 37        |
| 34 | Complete allogeneic hematopoietic chimerism achieved by in utero hematopoietic cell transplantation and cotransplantation of LLME-treated, MHC-sensitized donor lymphocytes. <i>Experimental Hematology</i> , 2004, 32, 290-299.                                       | 0.4  | 36        |
| 35 | Chronic intrauterine hypoxia alters neurodevelopment in fetal sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1982-1991.   | 0.8  | 36        |
| 36 | Ethics Considerations Regarding Artificial Womb Technology for the Fetotate. <i>American Journal of Bioethics</i> , 2023, 23, 67-78.   | 0.9  | 36        |

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|----|--|-----|-----------|
| 37 | Consensus statement from the first international conference for in utero stem cell transplantation and gene therapy. <i>Frontiers in Pharmacology</i> , 2015, 6, 15.   | 3.5 | 35        |
| 38 | Artificial placenta and womb technology: Past, current, and future challenges towards clinical translation. <i>Prenatal Diagnosis</i> , 2021, 41, 145-158.   | 2.3 | 35        |
| 39 | Umbilical cannulation optimizes circuit flows in premature lambs supported by the EXTrauterine Environment for Neonatal Development (EXTEND). <i>Journal of Physiology</i> , 2018, 596, 1575-1585.                               | 2.9 | 34        |
| 40 | The Intravenous Route of Injection Optimizes Engraftment and Survival in the Murine Model of In Utero Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 991-999.                | 2.0 | 33        |
| 41 | Incidence and factors associated with sensorineural and conductive hearing loss among survivors of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2014, 49, 890-894.                                     | 1.6 | 31        |
| 42 | Patient characteristics are important determinants of neurodevelopmental outcome during infancy in giant omphalocele. <i>Early Human Development</i> , 2015, 91, 187-193.  | 1.8 | 31        |
| 43 | An EXTrauterine environment for neonatal development: EXTENDING fetal physiology beyond the womb. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 404-409.  | 2.3 | 30        |
| 44 | The first 100 infant thoracoscopic lobectomies: Observations through the learning curve and comparison to open lobectomy. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1811-1816.   | 1.6 | 29        |
| 45 | Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil. <i>Pediatric Research</i> , 2016, 80, 577-585.                                 | 2.3 | 29        |
| 46 | The Future of In Utero Gene Therapy. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 135-142.   | 3.8 | 27        |
| 47 | Prenatal Glucocorticoids and Exogenous Surfactant Therapy Improve Respiratory Function in Lambs with Severe Diaphragmatic Hernia Following Fetal Tracheal Occlusion. <i>Pediatric Research</i> , 2006, 60, 131-135.              | 2.3 | 26        |
| 48 | Enhanced in utero allogeneic engraftment in mice after mobilizing fetal HSCs by $\text{IL-1/7}$ inhibition. <i>Blood</i> , 2016, 128, 2457-2461.   | 1.4 | 26        |
| 49 | Technical feasibility of umbilical cannulation in midgestation lambs supported by the EXTrauterine Environment for Neonatal Development (EXTEND). <i>Artificial Organs</i> , 2019, 43, 1154-1161.                                | 1.9 | 26        |
| 50 | In Utero Stem Cell and Gene Therapy: Current Status and Future Perspectives. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 237-245.   | 1.3 | 25        |
| 51 | Fetal surgery for spina bifida aperta. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F589-F595.   | 2.8 | 25        |
| 52 | Brain-type natriuretic peptide levels correlate with pulmonary hypertension and requirement for extracorporeal membrane oxygenation in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2015, 50, 263-266. | 1.6 | 24        |
| 53 | Growth trajectory and neurodevelopmental outcome in infants with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1944-1948.   | 1.6 | 24        |
| 54 | Safety and efficacy of fetal surgery techniques to close a spina bifida defect in the fetal lamb model: A systematic review. <i>Prenatal Diagnosis</i> , 2018, 38, 231-242.  | 2.3 | 24        |

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|----|--|-----|-----------|
| 55 | Complex gastroschisis: Clinical spectrum and neonatal outcomes at a referral center. Journal of Pediatric Surgery, 2018, 53, 1904-1907.  | 1.6 | 24        |
| 56 | Reduced oxygen concentration for the resuscitation of infants with congenital diaphragmatic hernia. Journal of Perinatology, 2018, 38, 834-843.  | 2.0 | 24        |
| 57 | Surgery in the human fetus: the future. Journal of Physiology, 2003, 547, 45-51.   | 2.9 | 24        |
| 58 | In Utero Transplantation for Thalassemia. Annals of the New York Academy of Sciences, 1998, 850, 300-311.  | 3.8 | 23        |
| 59 | Fetal surgical intervention for myelomeningocele: lessons learned, outcomes, and future implications. Developmental Medicine and Child Neurology, 2020, 62, 417-425.   | 2.1 | 23        |
| 60 | Stem cell and genetic therapies for the fetus. Seminars in Pediatric Surgery, 2003, 12, 202-208.   | 1.1 | 22        |
| 61 | Younger gestational age is associated with increased risk of adverse neurodevelopmental outcome during infancy in congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 1084-1090.                          | 1.6 | 22        |
| 62 | Amniotic fluid transcriptomics reflects novel disease mechanisms in fetuses with myelomeningocele. American Journal of Obstetrics and Gynecology, 2017, 217, 587.e1-587.e10.   | 1.3 | 22        |
| 63 | Induction of Immune Tolerance to Foreign Protein via Adeno-Associated Viral Vector Gene Transfer in Mid-Gestation Fetal Sheep. PLoS ONE, 2017, 12, e0171132.   | 2.5 | 22        |
| 64 | Fetal Surgery. Pediatric Clinics of North America, 2019, 66, 295-308.  | 1.8 | 21        |
| 65 | Weighing the Social and Ethical Considerations of Maternal-Fetal Surgery. Pediatrics, 2017, 140, .   | 2.1 | 20        |
| 66 | Open fetal surgery for neural tube defects. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2019, 58, 121-132.  | 2.8 | 20        |
| 67 | Detailed Analysis of Hydrocephalus and Hindbrain Herniation After Prenatal and Postnatal Myelomeningocele Closure: Report From a Single Institution. Neurosurgery, 2020, 86, 637-645.  | 1.1 | 20        |
| 68 | Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. Current Pharmaceutical Design, 2019, 25, 601-608.  | 1.9 | 20        |
| 69 | Developmental stage determines efficiency of gene transfer to muscle satellite cells by in utero delivery of adeno-associated virus vector serotype 2/9. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14040. | 4.1 | 19        |
| 70 | Delayed abdominal closure after congenital diaphragmatic hernia repair. Journal of Pediatric Surgery, 2016, 51, 240-243.   | 1.6 | 19        |
| 71 | The influence of gestational age, mode of delivery and abdominal wall closure method on the surgical outcome of neonates with uncomplicated gastroschisis. Pediatric Surgery International, 2018, 34, 415-419.                 | 1.4 | 19        |
| 72 | High Tumor Volume to Fetal Weight Ratio Is Associated with Worse Fetal Outcomes and Increased Maternal Risk in Fetuses with Sacrococcygeal Teratoma. Fetal Diagnosis and Therapy, 2019, 45, 94-101.                            | 1.4 | 18        |

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|----|---|-----|-----------|
| 73 | Pulmonary arteriole muscularization in lambs with diaphragmatic hernia after combined tracheal occlusion/glucocorticoid therapy. American Journal of Obstetrics and Gynecology, 2007, 197, 381.e1-381.e7. | 1.3 | 17        |
| 74 | Fetal Surgery in Zurich: Key Features of Our First Open in utero Repair of Myelomeningocele. European Journal of Pediatric Surgery, 2013, 23, 494-498.  | 1.3 | 17        |
| 75 | Prenatal hypoxemia alters microglial morphology in fetal sheep. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 270-277.   | 0.8 | 17        |
| 76 | Neurologic outcomes of the premature lamb in an extrauterine environment for neonatal development. Journal of Pediatric Surgery, 2020, 55, 2115-2123.   | 1.6 | 17        |
| 77 | Responsible surgical innovation and research in maternalâ€“fetal surgery. Seminars in Fetal and Neonatal Medicine, 2017, 22, 423-427.   | 2.3 | 16        |
| 78 | Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. Prenatal Diagnosis, 2022, 42, 15-26.  | 2.3 | 16        |
| 79 | In utero hematopoietic stem cell therapy. Yonsei Medical Journal, 2001, 42, 615.  | 2.2 | 15        |
| 80 | In utero Hematopoietic Cell Transplantation: What Are the Important Questions?. Fetal Diagnosis and Therapy, 2004, 19, 9-12.  | 1.4 | 15        |
| 81 | The conceptual application of systems theory to stem cell biology: a matter of context. Blood Cells, Molecules, and Diseases, 2004, 32, 58-64.  | 1.4 | 15        |
| 82 | Prenatal diagnosis of esophageal bronchus â€” first report of a rare foregut malformation in utero. Journal of Pediatric Surgery, 2015, 50, 306-310.  | 1.6 | 15        |
| 83 | Rate and Risk Factors Associated with Autism Spectrum Disorder in Congenital Diaphragmatic Hernia. Journal of Autism and Developmental Disorders, 2018, 48, 2112-2121.                                    | 2.7 | 15        |
| 84 | The contribution of hiatal hernia to severe gastroesophageal reflux disease in patients with gastroschisis. Journal of Pediatric Surgery, 2014, 49, 395-398.  | 1.6 | 14        |
| 85 | Improved Postoperative Metrics with Modified Myofascial Closure in Fetal Myelomeningocele Repair. Operative Neurosurgery, 2020, 18, 158-165.  | 0.8 | 14        |
| 86 | Genetic Therapies for the Fetus. Clinical Obstetrics and Gynecology, 2002, 45, 684-696.   | 1.1 | 13        |
| 87 | Donor cell engineering with GSK3 inhibitorâ€“loaded nanoparticles enhances engraftment after in utero transplantation. Blood, 2019, 134, 1983-1995.   | 1.4 | 13        |
| 88 | In Utero Transplantation of Expanded Autologous Amniotic Fluid Stem Cells Results in Long-Term Hematopoietic Engraftment. Stem Cells, 2019, 37, 1176-1188.  | 3.2 | 13        |
| 89 | Ex Utero Extracorporeal Support as a Model for Fetal Hypoxia and Brain Dysmaturity. Annals of Thoracic Surgery, 2020, 109, 810-819.   | 1.3 | 13        |
| 90 | Fetal hypoxemia causes abnormal myocardial development in a preterm ex utero fetal ovine model. JCI Insight, 2018, 3, .   | 5.0 | 13        |

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|-----|--|-----|-----------|
| 91  | A supportive physiologic environment for the extreme premature infant: Improving life outside the womb. <i>Journal of Pediatric Surgery</i> , 2022, 57, 167-171.   | 1.6 | 13        |
| 92  | Fetoscopic Open Neural Tube Defect Repair: Development and Refinement of a Two-Port, Carbon Dioxide Insufflation Technique. <i>Obstetrics and Gynecology</i> , 2017, 130, 648-648.   | 2.4 | 12        |
| 93  | Regulatory T cells promote alloengraftment in a model of late-gestation in utero hematopoietic cell transplantation. <i>Blood Advances</i> , 2020, 4, 1102-1114.   | 5.2 | 12        |
| 94  | In vivo, in utero microscopic magnetic resonance imaging: Application in a rat model of diaphragmatic hernia. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 331-335.   | 3.0 | 11        |
| 95  | Pumpless arteriovenous extracorporeal membrane oxygenation: A novel mode of respiratory support in a lamb model of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1453-1460.   | 1.6 | 11        |
| 96  | Erythropoietin Prevents Anemia and Transfusions in Extremely Premature Lambs Supported by an EXTrauterine Environment for Neonatal Development (EXTEND). <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 231-237.   | 1.4 | 11        |
| 97  | Imaging of fetal tumors and other dysplastic lesions: A review with emphasis on MR imaging. <i>Prenatal Diagnosis</i> , 2020, 40, 84-99.   | 2.3 | 10        |
| 98  | How should fetal surgery for congenital diaphragmatic hernia be implemented in the postâ€TOTAL trial era: A discussion. <i>Prenatal Diagnosis</i> , 2022, 42, 301-309.  | 2.3 | 10        |
| 99  | Immunological considerations in in utero hematopoietic stem cell transplantation (IUHCT). <i>Frontiers in Pharmacology</i> , 2015, 5, 282.   | 3.5 | 9         |
| 100 | Vector serotype screening for use in ovine perinatal lung gene therapy. <i>Journal of Pediatric Surgery</i> , 2016, 51, 879-884.   | 1.6 | 9         |
| 101 | Contrastâ€Enhanced Ultrasound in Extracorporeal Support: In Vitro Studies and Initial Experience and Safety Data in the Extreme Premature Fetal Lamb Maintained by the Extrauterine Environment for Neonatal Development. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 1971-1978. | 1.7 | 9         |
| 102 | The Effects of Nitric Oxide in Oxygenator Sweep Gas During Extracorporeal Circulation in a Neonatal Ovine Model. <i>ASAIO Journal</i> , 2020, 66, 671-676.   | 1.6 | 9         |
| 103 | Intravenous and Intra-amniotic &lt;em>&lt;/em>In Utero&lt;/em> Transplantation in the Murine Model. <i>Journal of Visualized Experiments</i> , 2018, , .   | 0.3 | 8         |
| 104 | Parental Attitudes Towards Prenatal Genetic Testing For Sickle Cell Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, 579-585.  | 0.6 | 8         |
| 105 | The EXTrauterine Environment for Neonatal Development Supports Normal Intestinal Maturation and Development. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 623-637.  | 4.5 | 8         |
| 106 | Addition of glycerol enhances the flexibility of gelatin hydrogel sheets; application for in utero tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 921-931.   | 3.4 | 8         |
| 107 | Frequency and complications of inguinal hernia repair in giant omphalocele. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1673-1675.   | 1.6 | 7         |
| 108 | Short-Term Neurodevelopmental Outcome in Children Born With High-Risk Congenital Lung Lesions. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1827-1834.   | 1.3 | 7         |

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|-----|---|-----|-----------|
| 109 | Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2018, 53, 1681-1687.                     | 1.6 | 7         |
| 110 | Premature Lambs Exhibit Normal Mitochondrial Respiration after Long-Term Extrauterine Support. Fetal Diagnosis and Therapy, 2019, 46, 306-312.  | 1.4 | 7         |
| 111 | Fetoscopic insufflation modeled in the extrauterine environment for neonatal development (EXTEND): Fetoscopic insufflation is safe for the fetus. Journal of Pediatric Surgery, 2021, 56, 170-179.                                    | 1.6 | 7         |
| 112 | Immune Tolerance Induction Using Fetal Directed Placental Injection in Rodent Models: A Murine Model. PLoS ONE, 2015, 10, e0123712.   | 2.5 | 7         |
| 113 | Axillary lymphatic malformations: Prenatal evaluation and postnatal outcomes. Journal of Pediatric Surgery, 2015, 50, 1711-1715.  | 1.6 | 6         |
| 114 | VESICOAMNIOTIC SHUNT IN A FEMALE FETUS WITH THE PRUNE BELLY SYNDROME. Journal of Urology, 2001, 166, 2382-2382.   | 0.4 | 5         |
| 115 | Management and outcomes of scoliosis in children with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 1921-1925.   | 1.6 | 5         |
| 116 | Preclinical Canine Model of Graft-versus-Host Disease after In Utero Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, 1795-1801.  | 2.0 | 5         |
| 117 | Rate of increase of lung-to-head ratio over the course of gestation is predictive of survival in left-sided congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 703-705.   | 1.6 | 4         |
| 118 | Attitudes of paediatric and obstetric specialists towards prenatal surgery for lethal and non-lethal conditions. Journal of Medical Ethics, 2017, 44, medethics-2017-104377.  | 1.8 | 4         |
| 119 | Acceptability of In Utero Hematopoietic Cell Transplantation for Sickle Cell Disease. Medical Decision Making, 2017, 37, 914-921.   | 2.4 | 4         |
| 120 | Development of the Artificial Womb. Current Stem Cell Reports, 2018, 4, 69-73.  | 1.6 | 4         |
| 121 | Simple Approach to Increase Donor Hematopoietic Stem Cell Dose and Improve Engraftment in the Murine Model of Allogeneic In Utero Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2020, 26, e21-e24. | 2.0 | 4         |
| 122 | Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. Biomedicine and Pharmacotherapy, 2021, 143, 112161.   | 5.6 | 4         |
| 123 | Evidence for an Adaptive Immune Barrier after in Utero Hematopoietic Cell Transplantation.. Blood, 2006, 108, 3179-3179.  | 1.4 | 4         |
| 124 | The Artificial Womb. , 2019, , 83-90.   |     | 3         |
| 125 | Autism spectrum disorder and neurodevelopmental delays in children with giant omphalocele. Journal of Pediatric Surgery, 2019, 54, 1771-1777.   | 1.6 | 3         |
| 126 | Open Fetal Surgical Outcomes for Myelomeningocele Closure Stratified by Maternal Body Mass Index in a Large Single-Center Cohort. Fetal Diagnosis and Therapy, 2020, 47, 889-893.   | 1.4 | 3         |



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|-----|--|-----|-----------|
| 127 | Pattern of Ly49A Receptor Downregulation in Low-Level Prenatal Allogeneic Chimeras Suggests Threshold of Chimerism Needed for Long-Term Engraftment.. Blood, 2004, 104, 1201-1201.   | 1.4 | 3         |
| 128 | The EXTrauterine Environment for Neonatal Development: Present and Future. Pediatric and Developmental Pathology, 2022, 25, 253-262.   | 1.0 | 3         |
| 129 | Fixing bones before birth. Blood, 2008, 111, 978-979.  | 1.4 | 2         |
| 130 | How to treat a neonate with duodenal atresia and intrapancreatic choledochocoele causing persistent hyperbilirubinemia: A case report. International Journal of Surgery Case Reports, 2016, 19, 11-13.                               | 0.6 | 2         |
| 131 | Fetal intervention: Improving evidence and expanding applications. Seminars in Fetal and Neonatal Medicine, 2017, 22, 359.   | 2.3 | 2         |
| 132 | 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.    | 1.4 | 2         |
| 133 | A Rabbit Model for Optimization of Amniotic Fluid Components in the EXTrauterine Environment for Newborn Development (EXTEND) System. Fetal Diagnosis and Therapy, 2020, 47, 939-946.  | 1.4 | 2         |
| 134 | Fetal surgery for moderate and severe CDH – The TOTAL trials. Journal of Pediatric Surgery, 2022, 57, 552-553.   | 1.6 | 2         |
| 135 | Life-Long Transgene Expression in Skeletal Muscle Without Transduction of Satellite Cells Following Embryonic Myogenic Progenitor Transduction by Lentivirus Administered in Utero. Stem Cells and Development, 2015, 24, 1878-1887. | 2.1 | 1         |
| 136 | Evaluation of umbilical venous flow volume measured using ultrasound compared to circuit flow volume in the EXTrauterine Environment for Neonatal Development (EXTEND) system in fetal sheep. Prenatal Diagnosis, 2021, , .          | 2.3 | 1         |
| 137 | Long-Term Expression of ADAMTS13 at Therapeutic Levels in Mice by In Utero Administration of Lentiviral Vector Encoding the Human ADAMTS13 Gene.. Blood, 2006, 108, 3281-3281.   | 1.4 | 1         |
| 138 | In Utero Hematopoietic Cell Transplantation Using Haploidentical Parental Donors Reverses the Lethal Phenotype in Dogs with Canine Leukocyte Adhesion Deficiency.. Blood, 2006, 108, 624-624.  | 1.4 | 1         |
| 139 | Hematopoietic Engraftment of Amniotic Fluid Stem Cells Following in Utero Transplantation. Blood, 2014, 124, 3809-3809.  | 1.4 | 1         |
| 140 | CD26 Inhibition Enhances Allogeneic Donor Cell Homing and Engraftment after In Utero Bone Marrow Transplantation.. Blood, 2005, 106, 1275-1275.  | 1.4 | 1         |
| 141 | DEVELOPMENT OF NOVEL APPROACH FOR GENE TRANSFER OF RODENT FETAL LUNG. FASEB Journal, 2006, 20, A408.   | 0.5 | 1         |
| 142 | Regulation of Cytokine Signal Transduction in Hematopoietic Stem Cells by Mammalian Target of Rapamycin. Blood, 2012, 120, 1239-1239.  | 1.4 | 1         |
| 143 | In Utero Transplantation. , 0, , 577-589.  |     | 1         |
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