

Alan W Flake

List of Publications by Year in descending order

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162
papers

6,611
citations

117619

34
h-index

69246

77
g-index

163
all docs

163
docs citations

163
times ranked

4730
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ethics Considerations Regarding Artificial Womb Technology for the Fetotate. American Journal of Bioethics, 2023, 23, 67-78. | 0.9 | 36 |
| 2 | Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. Prenatal Diagnosis, 2022, 42, 15-26. | 2.3 | 16 |
| 3 | Fetal surgery for moderate and severe CDH – The TOTAL trials. Journal of Pediatric Surgery, 2022, 57, 552-553. | 1.6 | 2 |
| 4 | A supportive physiologic environment for the extreme premature infant: Improving life outside the womb. Journal of Pediatric Surgery, 2022, 57, 167-171. | 1.6 | 13 |
| 5 | How should fetal surgery for congenital diaphragmatic hernia be implemented in the post-TOTAL trial era: A discussion. Prenatal Diagnosis, 2022, 42, 301-309. | 2.3 | 10 |
| 6 | The EXTrauterine Environment for Neonatal Development: Present and Future. Pediatric and Developmental Pathology, 2022, 25, 253-262. | 1.0 | 3 |
| 7 | Radiographic and histologic characterisation of white matter injury in a sheep model of CHD. Cardiology in the Young, 2022, , 1-5. | 0.8 | 0 |
| 8 | Chronic Hypoxemia Induces Mitochondrial Respiratory Complex Gene Expression in the Fetal Sheep Brain. JTCVS Open, 2022, , . | 0.5 | 0 |
| 9 | Addition of glycerol enhances the flexibility of gelatin hydrogel sheets; application for in utero tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 921-931. | 3.4 | 8 |
| 10 | Artificial placenta and womb technology: Past, current, and future challenges towards clinical translation. Prenatal Diagnosis, 2021, 41, 145-158. | 2.3 | 35 |
| 11 | Quantitative contrast-enhanced ultrasound of the brain on twin fetal lambs maintained by the extrauterine environment for neonatal development (EXTEND): initial experience. Pediatric Radiology, 2021, 51, 103-111. | 2.0 | 0 |
| 12 | 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 |
| 13 | Contrast-enhanced ultrasound imaging can be used to evaluate fetal cerebral perfusion: potential implications for fetal surgery. Translational Medicine Communications, 2021, 6, . | 1.4 | 0 |
| 14 | Initial Laparotomy Versus Peritoneal Drainage in Extremely Low Birthweight Infants With Surgical Necrotizing Enterocolitis or Isolated Intestinal Perforation. Annals of Surgery, 2021, 274, e370-e380. | 4.2 | 62 |
| 15 | Chronic foetal hypoxaemia does not cause elevation of serum markers of brain injury. Cardiology in the Young, 2021, , 1-6. | 0.8 | 0 |
| 16 | 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 |
| 17 | Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. Biomedicine and Pharmacotherapy, 2021, 143, 112161. | 5.6 | 4 |
| 18 | Contrast-enhanced Brain Ultrasound Perfusion Metrics in the EXTrauterine Environment for Neonatal Development (EXTEND). Journal of Ultrasound in Medicine, 2021, 40, 2571-2579. | 1.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Improved Postoperative Metrics with Modified Myofascial Closure in Fetal Myelomeningocele Repair. Operative Neurosurgery, 2020, 18, 158-165. | 0.8 | 14 |
| 20 | Benchmarking against the MOMS Trial: Zurich Results of Open Fetal Surgery for Spina Bifida. Fetal Diagnosis and Therapy, 2020, 47, 91-97. | 1.4 | 41 |
| 21 | Prenatal hypoxemia alters microglial morphology in fetal sheep. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 270-277. | 0.8 | 17 |
| 22 | Ex Utero Extracorporeal Support as a Model for Fetal Hypoxia and Brain Dysmaturity. Annals of Thoracic Surgery, 2020, 109, 810-819. | 1.3 | 13 |
| 23 | 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 |
| 24 | 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 |
| 25 | Fetal surgical intervention for myelomeningocele: lessons learned, outcomes, and future implications. Developmental Medicine and Child Neurology, 2020, 62, 417-425. | 2.1 | 23 |
| 26 | The EXTrauterine Environment for Neonatal Development Supports Normal Intestinal Maturation and Development. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 623-637. | 4.5 | 8 |
| 27 | 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 |
| 28 | 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 |
| 29 | Regulatory T cells promote alloengraftment in a model of late-gestation in utero hematopoietic cell transplantation. Blood Advances, 2020, 4, 1102-1114. | 5.2 | 12 |
| 30 | The Effects of Nitric Oxide in Oxygenator Sweep Gas During Extracorporeal Circulation in a Neonatal Ovine Model. ASAIO Journal, 2020, 66, 671-676. | 1.6 | 9 |
| 31 | Imaging of fetal tumors and other dysplastic lesions: A review with emphasis on MR imaging. Prenatal Diagnosis, 2020, 40, 84-99. | 2.3 | 10 |
| 32 | The Future of In Utero Gene Therapy. Molecular Diagnosis and Therapy, 2020, 24, 135-142. | 3.8 | 27 |
| 33 | Neurologic outcomes of the premature lamb in an extrauterine environment for neonatal development. Journal of Pediatric Surgery, 2020, 55, 2115-2123. | 1.6 | 17 |
| 34 | Technical feasibility of umbilical cannulation in midgestation lambs supported by the EXTrauterine Environment for Neonatal Development (EXTEND). Artificial Organs, 2019, 43, 1154-1161. | 1.9 | 26 |
| 35 | 3434 The Study of Fetal Tracheal Occlusion to Treat Congenital Diaphragmatic Hernia in the EXTEND Model. Journal of Clinical and Translational Science, 2019, 3, 156-157. | 0.6 | 0 |
| 36 | The Artificial Womb. , 2019, , 83-90. | | 3 |

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|----|--|-----|-----------|
| 37 | Donor cell engineering with GSK3 inhibitorâ€‘loaded nanoparticles enhances engraftment after in utero transplantation. <i>Blood</i> , 2019, 134, 1983-1995. | 1.4 | 13 |
| 38 | Fetoscopic versus Ultrasound-Guided Intravascular Delivery of Maternal Bone Marrow Cells in Fetal Macaques: A Technical Model for Intrauterine Haemopoietic Cell Transplantation. <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 175-186. | 1.4 | 2 |
| 39 | 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 |
| 40 | Autism spectrum disorder and neurodevelopmental delays in children with giant omphalocele. <i>Journal of Pediatric Surgery</i> , 2019, 54, 1771-1777. | 1.6 | 3 |
| 41 | In Utero Transplantation of Expanded Autologous Amniotic Fluid Stem Cells Results in Long-Term Hematopoietic Engraftment. <i>Stem Cells</i> , 2019, 37, 1176-1188. | 3.2 | 13 |
| 42 | Fetal Surgery. <i>Pediatric Clinics of North America</i> , 2019, 66, 295-308. | 1.8 | 21 |
| 43 | Open fetal surgery for neural tube defects. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2019, 58, 121-132. | 2.8 | 20 |
| 44 | Premature Lambs Exhibit Normal Mitochondrial Respiration after Long-Term Extrauterine Support. <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 306-312. | 1.4 | 7 |
| 45 | Chronic intrauterine hypoxia alters neurodevelopment in fetal sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1982-1991. | 0.8 | 36 |
| 46 | Parental Attitudes Towards Prenatal Genetic Testing For Sickle Cell Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, 579-585. | 0.6 | 8 |
| 47 | 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 |
| 48 | High Tumor Volume to Fetal Weight Ratio Is Associated with Worse Fetal Outcomes and Increased Maternal Risk in Fetuses with Sacrococcygeal Teratoma. <i>Fetal Diagnosis and Therapy</i> , 2019, 45, 94-101. | 1.4 | 18 |
| 49 | Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. <i>Current Pharmaceutical Design</i> , 2019, 25, 601-608. | 1.9 | 20 |
| 50 | 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 |
| 51 | Congenital pulmonary airway malformation: advances and controversies. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 290-297. | 5.6 | 47 |
| 52 | Umbilical cannulation optimizes circuit flows in premature lambs supported by the EXTraâ€‘uterine Environment for Neonatal Development (EXTEND). <i>Journal of Physiology</i> , 2018, 596, 1575-1585. | 2.9 | 34 |
| 53 | Rate and Risk Factors Associated with Autism Spectrum Disorder in Congenital Diaphragmatic Hernia. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 2112-2121. | 2.7 | 15 |
| 54 | The influence of gestational age, mode of delivery and abdominal wall closure method on the surgical outcome of neonates with uncomplicated gastroschisis. <i>Pediatric Surgery International</i> , 2018, 34, 415-419. | 1.4 | 19 |

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|----|---|------|-----------|
| 55 | Development of the Artificial Womb. <i>Current Stem Cell Reports</i> , 2018, 4, 69-73. | 1.6 | 4 |
| 56 | 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 |
| 57 | Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1681-1687. | 1.6 | 7 |
| 58 | 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 |
| 59 | Complex gastroschisis: Clinical spectrum and neonatal outcomes at a referral center. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1904-1907. | 1.6 | 24 |
| 60 | Intravenous and Intra-amniotic &em>In Utero&em> Transplantation in the Murine Model. <i>Journal of Visualized Experiments</i> , 2018,, . | 0.3 | 8 |
| 61 | Preclinical Canine Model of Graft-versus-Host Disease after In Utero Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1795-1801. | 2.0 | 5 |
| 62 | Fetal surgery for spina bifida aperta. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F589-F595. | 2.8 | 25 |
| 63 | Reduced oxygen concentration for the resuscitation of infants with congenital diaphragmatic hernia. <i>Journal of Perinatology</i> , 2018, 38, 834-843. | 2.0 | 24 |
| 64 | Fetal hypoxemia causes abnormal myocardial development in a preterm ex utero fetal ovine model. <i>JCI Insight</i> , 2018, 3, . | 5.0 | 13 |
| 65 | An extra-uterine system to physiologically support the extreme premature lamb. <i>Nature Communications</i> , 2017, 8, 15112. | 12.8 | 240 |
| 66 | Responsible surgical innovation and research in maternal"fetal surgery. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 423-427. | 2.3 | 16 |
| 67 | 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 |
| 68 | Growth trajectory and neurodevelopmental outcome in infants with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1944-1948. | 1.6 | 24 |
| 69 | Attitudes of paediatric and obstetric specialists towards prenatal surgery for lethal and non-lethal conditions. <i>Journal of Medical Ethics</i> , 2017, 44, medethics-2017-104377. | 1.8 | 4 |
| 70 | Fetal intervention: Improving evidence and expanding applications. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 359. | 2.3 | 2 |
| 71 | 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 |
| 72 | Amniotic fluid transcriptomics reflects novel disease mechanisms in fetuses with myelomeningocele. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 587.e1-587.e10. | 1.3 | 22 |

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|----|---|------|-----------|
| 73 | Weighing the Social and Ethical Considerations of Maternal-Fetal Surgery. <i>Pediatrics</i> , 2017, 140, . | 2.1 | 20 |
| 74 | Acceptability of In Utero Hematopoietic Cell Transplantation for Sickle Cell Disease. <i>Medical Decision Making</i> , 2017, 37, 914-921. | 2.4 | 4 |
| 75 | Neurodevelopmental outcomes at 5years of age in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 437-443. | 1.6 | 49 |
| 76 | Induction of Immune Tolerance to Foreign Protein via Adeno-Associated Viral Vector Gene Transfer in Mid-Gestation Fetal Sheep. <i>PLoS ONE</i> , 2017, 12, e0171132. | 2.5 | 22 |
| 77 | 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 |
| 78 | Enhanced in utero allogeneic engraftment in mice after mobilizing fetal HSCs by $\hat{1}\pm 4\hat{1}^21/7$ inhibition. <i>Blood</i> , 2016, 128, 2457-2461. | 1.4 | 26 |
| 79 | Younger gestational age is associated with increased risk of adverse neurodevelopmental outcome during infancy in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1084-1090. | 1.6 | 22 |
| 80 | Rate of increase of lung-to-head ratio over the course of gestation is predictive of survival in left-sided congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 703-705. | 1.6 | 4 |
| 81 | Right- versus left-sided congenital diaphragmatic hernia: a comparative outcomes analysis. <i>Journal of Pediatric Surgery</i> , 2016, 51, 900-902. | 1.6 | 44 |
| 82 | Management and outcomes of scoliosis in children with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1921-1925. | 1.6 | 5 |
| 83 | 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 |
| 84 | How to treat a neonate with duodenal atresia and intrapancreatic choledochocoele causing persistent hyperbilirubinemia: A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 19, 11-13. | 0.6 | 2 |
| 85 | 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 |
| 86 | 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 |
| 87 | Delayed abdominal closure after congenital diaphragmatic hernia repair. <i>Journal of Pediatric Surgery</i> , 2016, 51, 240-243. | 1.6 | 19 |
| 88 | Vector serotype screening for use in ovine perinatal lung gene therapy. <i>Journal of Pediatric Surgery</i> , 2016, 51, 879-884. | 1.6 | 9 |
| 89 | 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 |
| 90 | Characterizing and Augmenting Peripheral Tolerance in in Utero Hematopoietic Cell Transplantation. <i>Blood</i> , 2016, 128, 4540-4540. | 1.4 | 0 |

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|-----|--|-----|-----------|
| 91 | Correction of murine hemoglobinopathies by prenatal tolerance induction and postnatal nonmyeloablative allogeneic BM transplants. <i>Blood</i> , 2015, 126, 1245-1254. | 1.4 | 42 |
| 92 | Life-Long Transgene Expression in Skeletal Muscle Without Transduction of Satellite Cells Following Embryonic Myogenic Progenitor Transduction by Lentivirus Administered in Utero. <i>Stem Cells and Development</i> , 2015, 24, 1878-1887. | 2.1 | 1 |
| 93 | 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 |
| 94 | 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 |
| 95 | Prenatal diagnosis of esophageal bronchus " first report of a rare foregut malformation in utero. <i>Journal of Pediatric Surgery</i> , 2015, 50, 306-310. | 1.6 | 15 |
| 96 | 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 |
| 97 | 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 |
| 98 | Axillary lymphatic malformations: Prenatal evaluation and postnatal outcomes. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1711-1715. | 1.6 | 6 |
| 99 | The first 100 infant thoroscopic lobectomies: Observations through the learning curve and comparison to open lobectomy. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1811-1816. | 1.6 | 29 |
| 100 | Frequency and complications of inguinal hernia repair in giant omphalocele. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1673-1675. | 1.6 | 7 |
| 101 | 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 |
| 102 | Immunological considerations in in utero hematopoietic stem cell transplantation (IUHCT). <i>Frontiers in Pharmacology</i> , 2015, 5, 282. | 3.5 | 9 |
| 103 | Experience with Thoroscopic 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 |
| 104 | Immune Tolerance Induction Using Fetal Directed Placental Injection in Rodent Models: A Murine Model. <i>PLoS ONE</i> , 2015, 10, e0123712. | 2.5 | 7 |
| 105 | Mechanisms of B Cell Tolerance after in Utero Hematopoietic Cell Transplantation. <i>Blood</i> , 2015, 126, 4289-4289. | 1.4 | 0 |
| 106 | Developmental stage determines efficiency of gene transfer to muscle satellite cells by in utero delivery of adeno-associated virus vector serotype 2/9. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14040. | 4.1 | 19 |
| 107 | Pulmonary hypertension in giant omphalocele infants. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1767-1770. | 1.6 | 44 |
| 108 | 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 |

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|-----|--|-----|-----------|
| 109 | 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 |
| 110 | Urologic and anorectal complications of sacrococcygeal teratomas: Prenatal and postnatal predictors. Journal of Pediatric Surgery, 2014, 49, 139-143. | 1.6 | 48 |
| 111 | Incidence and factors associated with sensorineural and conductive hearing loss among survivors of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2014, 49, 890-894. | 1.6 | 31 |
| 112 | Stable long-term mixed chimerism achieved in a canine model of allogeneic in utero hematopoietic cell transplantation. Blood, 2014, 124, 1987-1995. | 1.4 | 59 |
| 113 | Hematopoietic Engraftment of Amniotic Fluid Stem Cells Following in Utero Transplantation. Blood, 2014, 124, 3809-3809. | 1.4 | 1 |
| 114 | Cell Engineering with Glycogen Synthase Kinase-3 Beta Inhibitor-Loaded Synthetic Nanoparticles Enhances Hematopoietic Engraftment of Bone Marrow Mononuclear Cells Following in Utero Transplantation. Blood, 2014, 124, 2414-2414. | 1.4 | 0 |
| 115 | Differential Development of Donor Bone Marrow-Derived Thymocytes after Allogeneic in Utero Hematopoietic Cell Transplantation in the Murine Model. Blood, 2014, 124, 5800-5800. | 1.4 | 0 |
| 116 | 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 |
| 117 | Differential Development Of Donor Bone Marrow-Derived Thymocytes After Allogeneic In Utero Hematopoietic Cell Transplantation In The Murine Model. Blood, 2013, 122, 4458-4458. | 1.4 | 0 |
| 118 | Preconditioning with AMD3100 Mobilization Promotes Homing and Long-Term Engraftment of Hematopoietic Stem Cells During Syngeneic Transplantation in the Murine Model. Blood, 2012, 120, 1886-1886. | 1.4 | 0 |
| 119 | Regulation of Cytokine Signal Transduction in Hematopoietic Stem Cells by Mammalian Target of Rapamycin. Blood, 2012, 120, 1239-1239. | 1.4 | 1 |
| 120 | Prostaglandin E2 Provides a Selective Donor Cell Competitive Advantage and Improves Long-Term Engraftment After in Utero Hematopoietic Cell Transplantation.. Blood, 2012, 120, 2993-2993. | 1.4 | 0 |
| 121 | A Preclinical Canine Model of in Utero Hematopoietic Cell Transplantation“Induced Graft Vs. Host Disease.. Blood, 2012, 120, 3002-3002. | 1.4 | 0 |
| 122 | Altered Thymocyte Development in Allogeneic in Utero Hematopoietic Cell Transplantation in the Mouse Model. Blood, 2012, 120, 4668-4668. | 1.4 | 0 |
| 123 | Acute Gvhd Induced by In Utero Hematopoietic Cell Transplantation Is Reversed by a Regulatory Response Resulting in a Potent Graft Vs. Hematopoietic Effect without Clinical Gvhd. Blood, 2011, 118, 1904-1904. | 1.4 | 0 |
| 124 | Consistent Achievement of Improved Levels of Hematopoietic Chimerism in the Canine Model Following Optimization of Haploidentical In Utero Transplantation. Blood, 2011, 118, 2962-2962. | 1.4 | 0 |
| 125 | The making of fetal surgery. Prenatal Diagnosis, 2010, 30, 653-667. | 2.3 | 144 |
| 126 | Haploidentical In Utero Hematopoietic Cell Transplantation Improves Phenotype and Can Induce Tolerance for Postnatal Same-Donor Transplants in the Canine Leukocyte Adhesion Deficiency Model. Biology of Blood and Marrow Transplantation, 2009, 15, 293-305. | 2.0 | 51 |

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|-----|--|-----|-----------|
| 127 | 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 |
| 128 | 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 |
| 129 | Fixing bones before birth. <i>Blood</i> , 2008, 111, 978-979. | 1.4 | 2 |
| 130 | Evidence for an immune barrier after in utero hematopoietic-cell transplantation. <i>Blood</i> , 2007, 109, 1331-1333. | 1.4 | 85 |
| 131 | Pulmonary arteriole muscularization in lambs with diaphragmatic hernia after combined tracheal occlusion/glucocorticoid therapy. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 381.e1-381.e7. | 1.3 | 17 |
| 132 | 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 |
| 133 | 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 |
| 134 | Long-Term Expression of ADAMTS13 at Therapeutic Levels in Mice by In Utero Administration of Lentiviral Vector Encoding the Human ADAMTS13 Gene.. <i>Blood</i> , 2006, 108, 3281-3281. | 1.4 | 1 |
| 135 | In Utero Hematopoietic Cell Transplantation Using Haploidentical Parental Donors Reverses the Lethal Phenotype in Dogs with Canine Leukocyte Adhesion Deficiency.. <i>Blood</i> , 2006, 108, 624-624. | 1.4 | 1 |
| 136 | DEVELOPMENT OF NOVEL APPROACH FOR GENE TRANSFER OF RODENT FETAL LUNG. <i>FASEB Journal</i> , 2006, 20, A408. | 0.5 | 1 |
| 137 | Evidence for an Adaptive Immune Barrier after in Utero Hematopoietic Cell Transplantation.. <i>Blood</i> , 2006, 108, 3179-3179. | 1.4 | 4 |
| 138 | Absence of P21 Gene Augments Proliferation of Mesenchymal Stem Cells.. <i>Blood</i> , 2005, 106, 3039-3039. | 1.4 | 0 |
| 139 | CD26 Inhibition Enhances Allogeneic Donor Cell Homing and Engraftment after In Utero Bone Marrow Transplantation.. <i>Blood</i> , 2005, 106, 1275-1275. | 1.4 | 1 |
| 140 | In utero Hematopoietic Cell Transplantation: What Are the Important Questions?. <i>Fetal Diagnosis and Therapy</i> , 2004, 19, 9-12. | 1.4 | 15 |
| 141 | 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 |
| 142 | In utero stem cell transplantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2004, 18, 941-958. | 2.8 | 38 |
| 143 | The conceptual application of systems theory to stem cell biology: a matter of context. <i>Blood Cells, Molecules, and Diseases</i> , 2004, 32, 58-64. | 1.4 | 15 |
| 144 | Pattern of Ly49A Receptor Downregulation in Low-Level Prenatal Allogeneic Chimeras Suggests Threshold of Chimerism Needed for Long-Term Engraftment.. <i>Blood</i> , 2004, 104, 1201-1201. | 1.4 | 3 |

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