

# Alan W Flake

## List of Publications by Year in descending order

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162  
papers

6,611  
citations

117619

34  
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69246

77  
g-index

163  
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163  
docs citations

163  
times ranked

4730  
citing authors

#	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 <sup>+</sup> 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 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
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 $\beta$ 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. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1904-1907.	1.6	24
56	Reduced oxygen concentration for the resuscitation of infants with congenital diaphragmatic hernia. <i>Journal of Perinatology</i> , 2018, 38, 834-843.	2.0	24
57	Surgery in the human fetus: the future. <i>Journal of Physiology</i> , 2003, 547, 45-51.	2.9	24
58	In Utero Transplantation for Thalassemia. <i>Annals of the New York Academy of Sciences</i> , 1998, 850, 300-311.	3.8	23
59	Fetal surgical intervention for myelomeningocele: lessons learned, outcomes, and future implications. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 417-425.	2.1	23
60	Stem cell and genetic therapies for the fetus. <i>Seminars in Pediatric Surgery</i> , 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. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1084-1090.	1.6	22
62	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
63	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
64	Fetal Surgery. <i>Pediatric Clinics of North America</i> , 2019, 66, 295-308.	1.8	21
65	Weighing the Social and Ethical Considerations of Maternal-Fetal Surgery. <i>Pediatrics</i> , 2017, 140, .	2.1	20
66	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
67	Detailed Analysis of Hydrocephalus and Hindbrain Herniation After Prenatal and Postnatal Myelomeningocele Closure: Report From a Single Institution. <i>Neurosurgery</i> , 2020, 86, 637-645.	1.1	20
68	Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. <i>Current Pharmaceutical Design</i> , 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. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14040.	4.1	19
70	Delayed abdominal closure after congenital diaphragmatic hernia repair. <i>Journal of Pediatric Surgery</i> , 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. <i>Pediatric Surgery International</i> , 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. <i>Fetal Diagnosis and Therapy</i> , 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. <i>American Journal of Obstetrics and Gynecology</i> , 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. <i>European Journal of Pediatric Surgery</i> , 2013, 23, 494-498.	1.3	17
75	Prenatal hypoxemia alters microglial morphology in fetal sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 270-277.	0.8	17
76	Neurologic outcomes of the premature lamb in an extrauterine environment for neonatal development. <i>Journal of Pediatric Surgery</i> , 2020, 55, 2115-2123.	1.6	17
77	Responsible surgical innovation and research in maternal fetal surgery. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 423-427.	2.3	16
78	Development of standard definitions and grading for Maternal and Fetal Adverse Event Terminology. <i>Prenatal Diagnosis</i> , 2022, 42, 15-26.	2.3	16
79	In utero hematopoietic stem cell therapy. <i>Yonsei Medical Journal</i> , 2001, 42, 615.	2.2	15
80	In utero Hematopoietic Cell Transplantation: What Are the Important Questions?. <i>Fetal Diagnosis and Therapy</i> , 2004, 19, 9-12.	1.4	15
81	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
82	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
83	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
84	The contribution of hiatal hernia to severe gastroesophageal reflux disease in patients with gastroschisis. <i>Journal of Pediatric Surgery</i> , 2014, 49, 395-398.	1.6	14
85	Improved Postoperative Metrics with Modified Myofascial Closure in Fetal Myelomeningocele Repair. <i>Operative Neurosurgery</i> , 2020, 18, 158-165.	0.8	14
86	Genetic Therapies for the Fetus. <i>Clinical Obstetrics and Gynecology</i> , 2002, 45, 684-696.	1.1	13
87	Donor cell engineering with GSK3 inhibitor loaded nanoparticles enhances engraftment after in utero transplantation. <i>Blood</i> , 2019, 134, 1983-1995.	1.4	13
88	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
89	Ex Utero Extracorporeal Support as a Model for Fetal Hypoxia and Brain Dysmaturity. <i>Annals of Thoracic Surgery</i> , 2020, 109, 810-819.	1.3	13
90	Fetal hypoxemia causes abnormal myocardial development in a preterm ex utero fetal ovine model. <i>JCI Insight</i> , 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>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. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1681-1687.	1.6	7
110	Premature Lambs Exhibit Normal Mitochondrial Respiration after Long-Term Extrauterine Support. <i>Fetal Diagnosis and Therapy</i> , 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. <i>Journal of Pediatric Surgery</i> , 2021, 56, 170-179.	1.6	7
112	Immune Tolerance Induction Using Fetal Directed Placental Injection in Rodent Models: A Murine Model. <i>PLoS ONE</i> , 2015, 10, e0123712.	2.5	7
113	Axillary lymphatic malformations: Prenatal evaluation and postnatal outcomes. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1711-1715.	1.6	6
114	VESICOAMNIOTIC SHUNT IN A FEMALE FETUS WITH THE PRUNE BELLY SYNDROME. <i>Journal of Urology</i> , 2001, 166, 2382-2382.	0.4	5
115	Management and outcomes of scoliosis in children with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1921-1925.	1.6	5
116	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
117	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
118	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
119	Acceptability of In Utero Hematopoietic Cell Transplantation for Sickle Cell Disease. <i>Medical Decision Making</i> , 2017, 37, 914-921.	2.4	4
120	Development of the Artificial Womb. <i>Current Stem Cell Reports</i> , 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. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, e21-e24.	2.0	4
122	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112161.	5.6	4
123	Evidence for an Adaptive Immune Barrier after in Utero Hematopoietic Cell Transplantation.. <i>Blood</i> , 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. <i>Journal of Pediatric Surgery</i> , 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. <i>Fetal Diagnosis and Therapy</i> , 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
144	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

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145	Quantitative contrast-enhanced ultrasound of the brain on twin fetal lambs maintained by the extrauterine environment for neonatal development (EXTEND): initial experience. <i>Pediatric Radiology</i> , 2021, 51, 103-111.	2.0	0
146	Contrast-enhanced ultrasound imaging can be used to evaluate fetal cerebral perfusion: potential implications for fetal surgery. <i>Translational Medicine Communications</i> , 2021, 6, .	1.4	0
147	Chronic foetal hypoxaemia does not cause elevation of serum markers of brain injury. <i>Cardiology in the Young</i> , 2021, , 1-6.	0.8	0
148	Contrast-Enhanced Brain Ultrasound Perfusion Metrics in the EXTra -Uterine Environment for Neonatal Development ( EXTEND ). <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 2571-2579.	1.7	0
149	Absence of P21 Gene Augments Proliferation of Mesenchymal Stem Cells.. <i>Blood</i> , 2005, 106, 3039-3039.	1.4	0
150	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. <i>Blood</i> , 2011, 118, 1904-1904.	1.4	0
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157	Cell Engineering with Glycogen Synthase Kinase-3 Beta Inhibitor-Loaded Synthetic Nanoparticles Enhances Hematopoietic Engraftment of Bone Marrow Mononuclear Cells Following in Utero Transplantation. <i>Blood</i> , 2014, 124, 2414-2414.	1.4	0
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