Richard Keijzer,,, Facs

List of Publications by Year
in descending order

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84 papers	3,062 citations	186265 28 h-index	168389 53 g-index
91 all docs	91 docs citations	91 times ranked	2426 citing authors

#	Article	IF	Citations
1	Educational outcomes in school age children with a history of isolated Hirschsprung disease are equivalent to their peers. Journal of Pediatric Surgery, 2022, , .	1.6	0
2	Congenital lung malformation patients experience respiratory infections after resection: A population-based cohort study. Journal of Pediatric Surgery, 2022, , .	1.6	3
3	Yes-associated protein is dysregulated during nitrofen-induced hypoplastic lung development due to congenital diaphragmatic hernia. Pediatric Surgery International, 2022, 38, 713-719.	1.4	2
4	Antenatal management of congenital diaphragmatic hernia: What's next ?. Prenatal Diagnosis, 2022, 42, 291-300.	2.3	9
5	Tenascin C is dysregulated in hypoplastic lungs of miR-200bâˆ’/âˆ’ mice. Pediatric Surgery International, 2022, 38, 695-700.	1.4	1
6	Musculoskeletal deformities in children with congenital thoracic malformations: a population-based cohort study. Pediatric Surgery International, 2022, 38, 731-736.	1.4	4
7	The prevalence of hearing loss in children with congenital diaphragmatic hernia: A longitudinal population-based study. Journal of Pediatric Surgery, 2021, 56, 226-229.	1.6	2
8	Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation. Pediatric Surgery International, 2021, 37, 49-57.	1.4	3
9	Respiratory outcomes in the first 10 years of life in children with gastroschisis: A retrospective cohort study. Pediatric Pulmonology, 2021, 56, 2302-2311.	2.0	2
10	The RNA-binding protein Quaking regulates multiciliated and basal cell abundance in the developing lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L557-L567.	2.9	4
11	Bedside pressure-pain threshold algometry to measure abdominal tenderness in childhood appendicitis: A retrospective cohort study. International Journal of Surgery Open, 2021, 32, 100338.	0.7	1
12	Formal Research Training â€“ An Essential Aspect for Surgical Residency?. Annals of Surgery, 2021, 273, e262-e264.	4.2	2
13	Misoprostol treatment prevents hypoxia-induced cardiac dysfunction through a 14-3-3 and PKA regulatory motif on Bnip3. Cell Death and Disease, 2021, 12, 1105.	6.3	7
14	Basic and translational science advances in congenital diaphragmatic hernia. Seminars in Perinatology, 2020, 44, 151170.	2.5	21
15	Can circular RNAs be used as prenatal biomarkers for congenital diaphragmatic hernia?. European Respiratory Journal, 2020, 55, 1900514.	6.7	5
16	Asthma Medication Use in Congenital Diaphragmatic Hernia Survivors: A Retrospective Population Level Data Analysis. European Journal of Pediatric Surgery, 2020, 30, 039-044.	1.3	2
17	High-frequency vs. conventional ventilationÂat the time of CDH repairÂis not associated with higherÂmortality and oxygen dependency: a retrospective cohort study. Pediatric Surgery International, 2020, 36, 1275-1280.	1.4	10
18	Standardizing congenital diaphragmatic hernia care in Canada: Implementing national clinical practice guidelines. Journal of Pediatric Surgery, 2020, 55, 835-843.	1.6	4

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19	miR-200 family expression during normal and abnormal lung development due to congenital diaphragmatic hernia at the later embryonic stage in the nitrofen rat model. Pediatric Surgery International, 2020, 36, 1429-1436.	1.4	5
20	Long-Term Health-Related Quality of Life in Survivors of Congenital Diaphragmatic Hernia. European Journal of Pediatric Surgery, 2020, 30, 273-278.	1.3	6
21	Misoprostol attenuates neonatal cardiomyocyte proliferation through Bnip3, perinuclear calcium signaling, and inhibition of glycolysis. Journal of Molecular and Cellular Cardiology, 2020, 146, 19-31.	1.9	11
22	Magnamosis for esophageal atresia is associated with anastomotic strictures requiring an increased number of dilatations. Journal of Pediatric Surgery, 2020, 55, 821-823.	1.6	15
23	Congenital diaphragmatic hernia: current management strategies from antenatal diagnosis to long-term follow-up. Pediatric Surgery International, 2020, 36, 415-429.	1.4	46
24	First steps in the development of a liquid biopsy in situ hybridization protocol to determine circular RNA biomarkers in rat biofluids. Pediatric Surgery International, 2019, 35, 1329-1338.	1.4	2
25	Prenatal maternal biomarkers for the early diagnosis of congenital malformations: A review. Pediatric Research, 2019, 86, 560-566.	2.3	11
26	Establishment of a biobank for human lung tissues of congenital diaphragmatic hernia and congenital pulmonary airway malformation. Journal of Pediatric Surgery, 2019, 54, 2439-2442.	1.6	15
27	The presence of a hernia sac in isolated congenital diaphragmatic hernia is associated with less disease severity: A retrospective cohort study. Journal of Pediatric Surgery, 2019, 54, 899-902.	1.6	9
28	Prenatal microRNA miR-200b Therapy Improves Nitrofen-induced Pulmonary Hypoplasia Associated With Congenital Diaphragmatic Hernia. Annals of Surgery, 2019, 269, 979-987.	4.2	48
29	Myocardin regulates mitochondrial calcium homeostasis and prevents permeability transition. Cell Death and Differentiation, 2018, 25, 1732-1748.	11.2	38
30	Diagnosis and management of congenital diaphragmatic hernia: a clinical practice guideline. Cmaj, 2018, 190, E103-E112.	2.0	161
31	Living Like an Academic Athlete: How to Improve Clinical andÂAcademic Productivity as a Gastroenterologist. Gastroenterology, 2018, 154, 8-14.	1.3	3
32	<scp>MicroRNA</scp> 200b is upregulated in the lungs of fetal rabbits with surgically induced diaphragmatic hernia. Prenatal Diagnosis, 2018, 38, 645-653.	2.3	16
33	Defining outcomes following congenital diaphragmatic hernia using standardised clinical assessment and management plan (SCAMP) methodology within the CDH EURO consortium. Pediatric Research, 2018, 84, 181-189.	2.3	48
34	Identifying Information Needs for Hirschsprung Disease Through Caregiver Involvement via Social Media: A Prioritization Study and Literature Review. Journal of Medical Internet Research, 2018, 20, e297.	4.3	14
35	Antenatal management of congenital diaphragmatic hernia today and tomorrow. Minerva Pediatrics, 2018, 70, 270-280.	0.4	6
36	Lung size and liver herniation predict need for extracorporeal membrane oxygenation but not pulmonary hypertension in isolated congenital diaphragmatic hernia: systematic review and metaâ€analysis. Ultrasound in Obstetrics and Gynecology, 2017, 49, 704-713.	1.7	69

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37	Applying vacuum to accomplish reduced wound infections in laparoscopic pediatric surgery. Journal of Pediatric Surgery, 2017, 52, 849-852.	1.6	11
38	Abnormal lung development in congenital diaphragmatic hernia. Seminars in Pediatric Surgery, 2017, 26, 123-128.	1.1	79
39	Appendectomy versus non-operative treatment for acute uncomplicated appendicitis in children: study protocol for a multicentre, open-label, non-inferiority, randomised controlled trial. BMJ Paediatrics Open, 2017, 1, bmjpo-2017-000028.	1.4	46
40	MicroRNAs in Lung Development and Disease. Paediatric Respiratory Reviews, 2017, 22, 38-43.	1.8	42
41	MicroRNA-200b regulates distal airway development by maintaining epithelial integrity. Scientific Reports, 2017, 7, 6382.	3.3	34
42	Standardized Postnatal Management of Infants with Congenital Diaphragmatic Hernia in Europe: The CDH EURO Consortium Consensus - 2015 Update. Neonatology, 2016, 110, 66-74.	2.0	454
43	Fetal Tracheal Occlusion for Severe Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia. Annals of Surgery, 2016, 264, 929-933.	4.2	94
44	The transcriptome of nitrofen-induced pulmonary hypoplasia in the rat model of congenital diaphragmatic hernia. Pediatric Research, 2016, 79, 766-775.	2.3	20
45	Unique Tracheal Fluid MicroRNA Signature Predicts Response to FETO in Patients With Congenital Diaphragmatic Hernia. Annals of Surgery, 2015, 262, 1130-1140.	4.2	57
46	New insights into lung development and diseases: the role of microRNAs. Biochemistry and Cell Biology, 2015, 93, 139-148.	2.0	17
47	Nanomedicine as an innovative therapeutic strategy for pediatric cancer. Pediatric Surgery International, 2015, 31, 611-616.	1.4	9
48	Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia. Pediatric Surgery International, 2015, 31, 659-663.	1.4	5
49	Special Issue on Lung Disease and Epigenetics. Biochemistry and Cell Biology, 2015, 93, iii-iii.	2.0	0
50	Single incision laparoscopic surgery in Canadian children. Canadian Journal of Surgery, 2014, 57, 155-156.	1.2	1
51	How do you diagnose appendicitis? An international evaluation of methods. International Journal of Surgery, 2014, 12, 67-70.	2.7	14
52	Analysis of a Parent-Initiated Social Media Campaign for Hirschsprungâ€™s Disease. Journal of Medical Internet Research, 2014, 16, e288.	4.3	28
53	Watercraft and watersport injuries in children: Trauma mechanisms and proposed prevention strategies. Journal of Pediatric Surgery, 2013, 48, 1757-1761.	1.6	11
54	MicroRNAs and lung development. Pediatric Pulmonology, 2013, 48, 317-323.	2.0	38

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55	Nanomedicine as an innovative therapeutic strategy for pediatric lung diseases. Pediatric Pulmonology, 2013, 48, 1098-1111.	2.0	9
56	Intravenous and Intratracheal Mesenchymal Stromal Cell Injection in a Mouse Model of Pulmonary Emphysema. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 11, 131202132152003.	1.6	35
57	Postmortem Biopsy to Obtain Lung Tissue in Congenital Diaphragmatic Hernia. Neonatology, 2013, 103, 213-217.	2.0	4
58	Etiological and Pathogenic Factors in Congenital Diaphragmatic Hernia. European Journal of Pediatric Surgery, 2012, 22, 345-354.	1.3	15
59	The Pulmonary Mesenchymal Tissue Layer Is Defective in an in Vitro Recombinant Model of Nitrofen-Induced Lung Hypoplasia. American Journal of Pathology, 2012, 180, 48-60.	3.8	23
60	Late vs early ostomy closure for necrotizing enterocolitis: analysis of adhesion formation, resource consumption, and costs. Journal of Pediatric Surgery, 2012, 47, 658-664.	1.6	23
61	Congenital diaphragmatic hernia: to repair on or off extracorporeal membrane oxygenation?. Journal of Pediatric Surgery, 2012, 47, 631-636.	1.6	105
62	An evidence-based clinical protocol for diagnosis of acute appendicitis decreased the use of computed tomography in children. Journal of Pediatric Surgery, 2011, 46, 192-196.	1.6	28
63	Pediatric firearm injuries: a 10-year single-center experience of 194 patients. Journal of Pediatric Surgery, 2011, 46, 927-932.	1.6	51
64	Pulmonary development considerations in the surgical management of congenital diaphragmatic hernia. Early Human Development, 2011, 87, 755-758.	1.8	9
65	Single-incision pediatric endosurgery-assisted ileocecectomy for resection of a NEC stricture. Pediatric Surgery International, 2011, 27, 1351-1353.	1.4	8
66	A Simple Vacuum Dressing Reduces the Wound Infection Rate of Single-Incision Pediatric Endosurgical Appendectomy. Journal of the Society of Laparoendoscopic Surgeons, 2011, 15, 147-150.	1.1	16
67	Effect of Oxygen on the Expression of Hypoxia-Inducible Factors in Human Fetal Lung Explants. Neonatology, 2010, 97, 346-354.	2.0	12
68	Thoracoscopic repair in congenital diaphragmatic hernia: patching is safe and reduces the recurrence rate. Journal of Pediatric Surgery, 2010, 45, 953-957.	1.6	68
69	Congenital diaphragmatic hernia. Seminars in Pediatric Surgery, 2010, 19, 180-185.	1.1	194
70	Preface. Seminars in Pediatric Surgery, 2010, 19, 169-170.	1.1	0
71	Congenital Diaphragmatic Hernia: Comparison of Animal Models and Relevance to the Human Situation. Neonatology, 2009, 96, 137-149.	2.0	95
72	Testicular Torsion in a Hydrocele. New England Journal of Medicine, 2009, 361, 698-698.	27.0	1

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73	Laparoscopic correction of umbilical hernias using a transabdominal preperitoneal approach: results of a pilot study. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 1740-1744.	2.4	24
74	Validation of 70-gene prognosis signature in node-negative breast cancer. Breast Cancer Research and Treatment, 2009, 117, 483-495.	2.5	154
75	Pulmonary function after early vs late lobectomy during childhood: a preliminary study. Journal of Pediatric Surgery, 2009, 44, 893-895.	1.6	46
76	Mesenchymal maintenance of distal epithelial cell phenotype during late fetal lung development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L725-L741.	2.9	25
77	Expression of thyroid hormone receptors A and B in developing rat tissues; evidence for extensive posttranscriptional regulation. Journal of Molecular Endocrinology, 2007, 38, 523-535.	2.5	25
78	Spatial and Temporal Expression of Glucocorticoid, Retinoid, and Thyroid Hormone Receptors Is Not Altered in Lungs of Congenital Diaphragmatic Hernia. Pediatric Research, 2006, 60, 693-698.	2.3	20
79	Genetics and developmental biology of oesophageal atresia and tracheo-oesophageal fistula: lessons from mice relevant for paediatric surgeons. Pediatric Surgery International, 2004, 20, 731-736.	1.4	37
80	Pulmonary Surfactant Protein A, B, and C mRNA and Protein Expression in the Nitrofen-Induced Congenital Diaphragmatic Hernia Rat Model. Pediatric Research, 2003, 54, 641-652.	2.3	34
81	Branching and differentiation defects in pulmonary epithelium with elevated Gata6 expression. Mechanisms of Development, 2001, 105, 105-114.	1.7	37
82	Dual-Hit Hypothesis Explains Pulmonary Hypoplasia in the Nitrofen Model of Congenital Diaphragmatic Hernia. American Journal of Pathology, 2000, 156, 1299-1306.	3.8	314
83	Hormonal modulation of fetal pulmonary development: relevance for the fetus with diaphragmatic hernia. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2000, 92, 127-133.	1.1	16
84	Cellular and Molecular Mechanisms Involved in the Development of the Enteric Nervous System. European Journal of Morphology, 1999, 37, 227-232.	0.8	2