

Jorge Correia-Pinto

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

3,825
citations

136950

32
h-index

168389

53
g-index

197
all docs

197
docs citations

197
times ranked

3518
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Assessment of Pectus Excavatum Severity From CT Images Using Deep Learning. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 324-333.	6.3	6
2	Characterization of technical skill progress in a standardized rabbit model for training in laparoscopic duodenal atresia repair. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 2456-2465.	2.4	1
3	A capacitive pressure sensor for monitoring of the pectus carinatum treatment. AIP Conference Proceedings, 2022, , .	0.4	0
4	Constipation: Prevalence in the Portuguese community using Rome IV” Associated factors, toilet behaviours and healthcare seeking. United European Gastroenterology Journal, 2022, 10, 376-384.	3.8	1
5	Study of the compression behavior of functionally graded lattice for customized cranial remodeling orthosis. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 130, 105191.	3.1	2
6	Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs. Frontiers in Pediatrics, 2022, 10, .	1.9	0
7	Imagiological methods for prediction of fetal pulmonary hypoplasia: a systematic review. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1459-1468.	1.5	7
8	Can narration and guidance in video-enhanced learning improve performance on E-BLUS exercises?. Central European Journal of Urology, 2021, 74, 131-138.	0.3	3
9	Lung branching morphogenesis is accompanied by temporal metabolic changes towards a glycolytic preference. Cell and Bioscience, 2021, 11, 134.	4.8	9
10	Development of a sensor device for measurement of forces in cranial remodeling orthoses. , 2021, , .		1
11	ASSOCIATION OF SERUM VASOGENIC AND PROINFLAMMATORY FACTORS WITH CLINICAL RESPONSE TO ANTI”VASCULAR ENDOTHELIAL GROWTH FACTOR FOR DIABETIC MACULAR EDEMA. Retina, 2021, 41, 345-354.	1.7	2
12	Developmental Pathways Underlying Lung Development and Congenital Lung Disorders. Cells, 2021, 10, 2987.	4.1	19
13	Rapunzel syndrome: the pathway for a prompt diagnosis. Archives of Disease in Childhood, 2020, 105, 298-298.	1.9	4
14	Technical Note: Assessment of electromagnetic tracking systems in a surgical environment using ultrasonography and ureteroscopy instruments for percutaneous renal access. Medical Physics, 2020, 47, 19-26.	3.0	17
15	Serum pro”inflammatory factors as predictors of persistent diabetic macular oedema with limited anatomic response to anti”VEGF : association with intravitreal injection treatment profiles in real”world setting. Acta Ophthalmologica, 2020, 98, e421-e427.	1.1	3
16	ROBO2 signaling in lung development regulates SOX2/SOX9 balance, branching morphogenesis and is dysregulated in nitrofen-induced congenital diaphragmatic hernia. Respiratory Research, 2020, 21, 302.	3.6	11
17	Meckel's mesodiverticular band causing an internal hernia. Journal of Pediatric Surgery Case Reports, 2020, 59, 101526.	0.2	3
18	Advancing spinal fusion: Interbody stabilization by in situ foaming of a chemically modified polycaprolactone. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1465-1475.	2.7	2

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19	Effects of testosterone replacement on serotonin levels in the prostate and plasma in a murine model of hypogonadism. Scientific Reports, 2020, 10, 14688.	3.3	2
20	Retinoic Acid: A Key Regulator of Lung Development. Biomolecules, 2020, 10, 152.	4.0	33
21	Growth Factor Signaling in the Maintenance of Adult Lung Homeostasis. , 2020, , 369-381.		0
22	Glycogen synthase kinase 3 induces multilineage maturation of human pluripotent stem cell-derived lung progenitors in 3D culture. Development (Cambridge), 2019, 146, .	2.5	35
23	Minimally Invasive Surgical Treatment of Pilonidal Disease: Mid-Term Retrospective Analysis of a Single Center. Frontiers in Pediatrics, 2019, 7, 215.	1.9	7
24	Synthetic infant head shapes with deformational plagiocephaly: concept and 3D model parameterization. , 2019, , .		2
25	New endoscopic procedure for bladder wall closure: results from the porcine model. Scientific Reports, 2019, 9, 18747.	3.3	1
26	Surface-based registration between CT and US for image-guided percutaneous renal access – A feasibility study. Medical Physics, 2019, 46, 1115-1126.	3.0	3
27	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
28	Patient-specific outcome simulation after surgical correction of Pectus Excavatum: a preliminary study. , 2019, , .		0
29	Perioperative Complications of Congenital Diaphragmatic Hernia Repair. European Journal of Pediatric Surgery, 2018, 28, 141-147.	1.3	25
30	Preliminary Assessment of a Dry-Lab Model for Laparoscopic Percutaneous Inguinal Ring Suture Training. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2018, 28, 1121-1124.	1.0	2
31	STATs in Lung Development: Distinct Early and Late Expression, Growth Modulation and Signaling Dysregulation in Congenital Diaphragmatic Hernia. Cellular Physiology and Biochemistry, 2018, 45, 1-14.	1.6	10
32	Inflammatory response and long-term behavioral assessment after neonatal CO ₂ -pneumothorax: study in a rodent model. Journal of Pediatric Surgery, 2018, 53, 1318-1325.	1.6	2
33	Video-Based Surgical Learning: Improving Trainee Education and Preparation for Surgery. Journal of Surgical Education, 2018, 75, 828-835.	2.5	105
34	Neurodevelopment impact of CO ₂ -pneumoperitoneum in neonates: experimental study in a rat model. Journal of Surgical Research, 2018, 221, 293-303.	1.6	4
35	Subcritical carbon dioxide foaming of polycaprolactone for bone tissue regeneration. Journal of Supercritical Fluids, 2018, 140, 1-10.	3.2	20
36	Serological inflammatory factors as biomarkers for anatomic response in diabetic macular edema treated with anti-VEGF. Journal of Diabetes and Its Complications, 2018, 32, 643-649.	2.3	12

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37	The Influence of 3D in Single-port Laparoscopy Surgery: An Experimental Study. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2018, 28, 261-266.	0.8	5
38	Personalized dynamic phantom of the right and left ventricles based on patient-specific anatomy for echocardiography studies “ Preliminary results. , 2018, , .		3
39	Thoracoscopic repair of congenital diaphragmatic hernia: review of the results. Minerva Pediatrics, 2018, 70, 281-288.	0.4	8
40	A Dual-Modal CT/US Kidney Phantom Model for Image-Guided Percutaneous Renal Access. Lecture Notes in Computational Vision and Biomechanics, 2018, , 378-387.	0.5	1
41	Animal facility videoendoscopic intubation station: tips and tricks from mice to rabbits. Laboratory Animals, 2017, 51, 204-207.	1.0	14
42	A new methodology for assessment of pectus excavatum correction after bar removal in Nuss procedure: Preliminary study. Journal of Pediatric Surgery, 2017, 52, 1089-1097.	1.6	14
43	MP17-14 DEPLETION OF PERIPHERAL SEROTONIN SYNTHESIS INDUCES BENIGN PROSTATIC GROWTH IN MICE: MORE EVIDENCE FOR THE NEW “NEUROENDOCRINE THEORY” IN BPH ETIOLOGY. Journal of Urology, 2017, 197, .	0.4	0
44	Molecular Aspects of Avian Lung Development. , 2017, , 129-146.		5
45	Biomaterials and Bioactive Agents in Spinal Fusion. Tissue Engineering - Part B: Reviews, 2017, 23, 540-551.	4.8	39
46	Ultrasound-guided dissection and ligation of the internal inguinal ring for hernia repair in pediatrics: an experimental animal study. Journal of Pediatric Surgery, 2017, 52, 1848-1852.	1.6	2
47	Ureteroscopy-assisted Percutaneous Kidney Access Made Easy: First Clinical Experience with a Novel Navigation System Using Electromagnetic Guidance (IDEAL Stage 1). European Urology, 2017, 72, 610-616.	1.9	52
48	Retinoic acid regulates avian lung branching through a molecular network. Cellular and Molecular Life Sciences, 2017, 74, 4599-4619.	5.4	16
49	Serotonin regulates prostate growth through androgen receptor modulation. Scientific Reports, 2017, 7, 15428.	3.3	21
50	Canonical Sonic Hedgehog Signaling in Early Lung Development. Journal of Developmental Biology, 2017, 5, 3.	1.7	55
51	Learning Curves for Laparoscopic Repair of Inguinal Hernia and Communicating Hydrocele in Children. Frontiers in Pediatrics, 2017, 5, 207.	1.9	18
52	A Pediatric Case of Cowden Syndrome with Gravesâ™ Disease. Case Reports in Pediatrics, 2017, 2017, 1-4.	0.4	1
53	Endoscopic Imaging Results. , 2017, , 776-789.		0
54	Acute Alithiasic Cholecystitis and Human Herpes Virus Type-6 Infection: First Case. Case Reports in Pediatrics, 2016, 2016, 1-4.	0.4	6

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55	Pneumatocele or something more?. BMJ Case Reports, 2016, 2016, bcr2015213241.	0.5	0
56	Expression analysis of Shh signaling members in early stages of chick lung development. Histochemistry and Cell Biology, 2016, 146, 457-466.	1.7	17
57	Minimally invasive repair of Morgagni hernia – A multicenter case series. Revista Portuguesa De Pneumologia, 2016, 22, 273-278.	0.7	14
58	Assessment of Laparoscopic Skills Performance. Surgical Innovation, 2016, 23, 52-61.	0.9	16
59	Minilaparoscopic Versus Conventional Laparoscopic Sacrocolpopexy: A Comparative Study. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2016, 26, 386-392.	1.0	8
60	Sparing internal thoracic vessels in thoracoscopic or submuscular correction of pectus carinatum: A porcine model study. Journal of Pediatric Surgery, 2016, 51, 603-607.	1.6	0
61	Resection of Sentinel Lymph Nodes by an Extraperitoneal Minilaparoscopic Approach Using Indocyanine Green for Uterine Malignancies. Surgical Innovation, 2016, 23, 347-353.	0.9	3
62	Pectus Carinatum Evaluation Questionnaire (PCEQ): a novel tool to improve the follow-up in patients treated with brace compression. European Journal of Cardio-thoracic Surgery, 2016, 49, 877-882.	1.4	8
63	Anatomic Thoracoscopic Repair of Esophageal Atresia. Frontiers in Pediatrics, 2016, 4, 142.	1.9	11
64	Minilaparoscopic Sacrocervicopexy After Supracervical Hysterectomy and Specimen Extraction Through Posterior Vaginal Cul-De-Sac. Videourology (New Rochelle, N Y), 2016, 30, .	0.1	0
65	The Role of Ephrins-B1 and -B2 During Fetal Rat Lung Development. Cellular Physiology and Biochemistry, 2015, 35, 104-115.	1.6	11
66	MP31-16 SEROTONIN INHIBITS PROSTATE GROWTH DOWN REGULATING ANDROGEN RECEPTORS: EVIDENCE FOR A NOVEL THEORY FOR BPH. Journal of Urology, 2015, 193, .	0.4	0
67	Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development. Journal of Physiology, 2015, 593, 3301-3311.	2.9	14
68	Benefits of radial distortion correction in arthroscopic surgery: a first experimental study on a knee model. International Journal of Medical Robotics and Computer Assisted Surgery, 2015, 11, 341-347.	2.3	1
69	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
70	Novel method of full-thickness bladder closure with an endoscopic suturing machine: a survival study in a porcine model. BJU International, 2015, 115, 330-335.	2.5	5
71	Characterization of miRNA processing machinery in the embryonic chick lung. Cell and Tissue Research, 2015, 362, 569-575.	2.9	10
72	Finite element analysis of pectus carinatum surgical correction via a minimally invasive approach. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 711-720.	1.6	10

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73	Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia. <i>Pediatric Surgery International</i> , 2015, 31, 659-663.	1.4	5
74	Semi-automatic 3D segmentation of costal cartilage in CT data from Pectus Excavatum patients. , 2015, , .		2
75	Scarless laparoscopic repair of epigastric hernia in children. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2015, 19, 623-626.	2.0	12
76	Transanal total mesorectal excision: a pure NOTES approach for selected patients. <i>Techniques in Coloproctology</i> , 2015, 19, 541-549.	1.8	6
77	Longitudinal evaluation, acceptability and long-term retention of knowledge on a horizontally integrated organic and functional systems course. <i>Perspectives on Medical Education</i> , 2015, 4, 191-195.	3.5	3
78	Canonical Wnt Signaling Activity in Early Stages of Chick Lung Development. <i>PLoS ONE</i> , 2014, 9, e112388.	2.5	21
79	Automatic Prebent Customized Prosthesis for Pectus Excavatum Minimally Invasive Surgery Correction. <i>Surgical Innovation</i> , 2014, 21, 290-296.	0.9	13
80	Congenital Duodenal Obstruction and Double-Bubble Sign. <i>New England Journal of Medicine</i> , 2014, 371, e16.	27.0	8
81	Artificial neural networks for automatic modelling of the pectus excavatum corrective prosthesis. , 2014, , .		1
82	Video Processing Architecture: A Solution for Endoscopic Procedures Results. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 117-125.	0.6	1
83	Automated Image Analysis of Lung Branching Morphogenesis from Microscopic Images of Fetal Rat Explants. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-9.	1.3	1
84	Continuous Zoom Calibration by Tracking Salient Points in Endoscopic Video. <i>Lecture Notes in Computer Science</i> , 2014, 17, 456-463.	1.3	3
85	Hybrid endoscopic thymectomy: combined transesophageal and transthoracic approach in a survival porcine model with cadaver assessment. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 2671-2678.	2.4	1
86	Acute pancreatitis in children: a tertiary hospital report. <i>Scandinavian Journal of Gastroenterology</i> , 2014, 49, 642-647.	1.5	21
87	Automatic modeling of pectus excavatum corrective prosthesis using artificial neural networks. <i>Medical Engineering and Physics</i> , 2014, 36, 1338-1345.	1.7	8
88	Neonatal extracorporeal membrane oxygenation: Initial experience of Hospital de São João. <i>Revista Portuguesa De Pneumologia</i> , 2014, 20, 336-340.	0.7	2
89	A Novel Approach to Endoscopic Exams Archiving. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 239-248.	0.6	1
90	Endoscopic Imaging Results. <i>Journal of Information Technology Research</i> , 2014, 7, 27-40.	0.5	0

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91	Endoscopic Imaging Results: Web based Solution with Video Diffusion. Procedia Technology, 2013, 9, 1123-1131.	1.1	5
92	Collecting System Percutaneous Access Using Real-Time Tracking Sensors: First Pig Model InÂVivo Experience. Journal of Urology, 2013, 190, 1932-1937.	0.4	51
93	Three-dimensional vs Standard Laparoscopy: Comparative Assessment Using a Validated Program for Laparoscopic Urologic Skills. Urology, 2013, 82, 1444-1450.	1.0	90
94	Variations of the soft tissue thicknesses external to the ribs in Pectus Excavatum patients. Journal of Pediatric Surgery, 2013, 48, 1878-1886.	1.6	6
95	Natural orifice transluminal endoscopic surgery (<scp>NOTES</scp>): where are we going? A bibliometric assessment. BJU International, 2013, 111, 11-16.	2.5	39
96	Five Really Easy Steps to Build a Homemade Low-Cost Simulator. Surgical Innovation, 2013, 20, 95-99.	0.9	5
97	The Monocarboxylate Transporter Inhibitor Î±-Cyano-4-Hydroxycinnamic Acid Disrupts Rat Lung Branching. Cellular Physiology and Biochemistry, 2013, 32, 1845-1856.	1.6	17
98	The Role of Glycoprotein 130 Family of Cytokines in Fetal Rat Lung Development. PLoS ONE, 2013, 8, e67607.	2.5	14
99	Access: Transvesical. , 2013, , 145-156.		0
100	Pectus excavatum postsurgical outcome based on preoperative soft body dynamics simulation. , 2012, , .		5
101	Transesophageal pulmonary lobectomy with single transthoracic port assistance: study with survival assessment in a porcine model. Endoscopy, 2012, 44, 354-361.	1.8	14
102	Natural Orifice Transesophageal Endoscopic Surgery: State of the Art. Minimally Invasive Surgery, 2012, 2012, 1-7.	0.5	9
103	Thoracic wall reconstruction using ultrasound images to model/bend the thoracic prosthesis for correction of pectus excavatum. Proceedings of SPIE, 2012, , .	0.8	0
104	Duhamel pull-through assisted by transrectal port: a hybrid natural orifice transluminal endoscopic surgery approach. Journal of Pediatric Surgery, 2012, 47, 1962-1965.	1.6	12
105	Left atrial appendage ligation with single transthoracic port assistance: a study of survival assessment in a porcine model (with videos). Gastrointestinal Endoscopy, 2012, 75, 1055-1061.	1.0	4
106	Transthoracic Single Port with Peroral Assistance: An Animal Experiment to Assess a Less Invasive Technique for Human Esophageal Atresia Repair. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2012, 22, 1021-1027.	1.0	4
107	Leukemia Inhibitory Factor in Rat Fetal Lung Development: Expression and Functional Studies. PLoS ONE, 2012, 7, e30517.	2.5	14
108	Local Fetal Lung Renin-Angiotensin System as a Target to Treat Congenital Diaphragmatic Hernia. Molecular Medicine, 2012, 18, 231-243.	4.4	24

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109	Serial transverse enteroplasty (STEP): intermediate outcomes in children with short bowel syndrome. European Journal of Pediatrics, 2012, 171, 1265-1268.	2.7	13
110	Transvesical natural orifice transluminal endoscopic surgery (NOTES) nephrectomy with kidney morcellation: a proof of concept study. BJU International, 2012, 109, 1533-1537.	2.5	12
111	Mini-laparoscopy, laparoendoscopic single-site surgery and natural orifice transluminal endoscopic surgery-assisted laparoscopy: novice surgeons' performance and perception in a porcine nephrectomy model. BJU International, 2012, 110, E991-E996.	2.5	16
112	A laparoscopic surgery training interface. , 2011, , .		9
113	The apelinergic system in the developing lung: Expression and signaling. Peptides, 2011, 32, 2474-2483.	2.4	21
114	Pure NOTES Transvesical Venous Ligation: Translational Animal Model of Varicocele. Urology, 2011, 78, 1082-1086.	1.0	10
115	FGF Signaling Pathway in the Developing Chick Lung: Expression and Inhibition Studies. PLoS ONE, 2011, 6, e17660.	2.5	48
116	Transvesical peritoneoscopy with rigid scope: feasibility study in human male cadaver. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 2015-2019.	2.4	17
117	Low-Cost Reusable Instrumentation for Laparoendoscopic Single-Site Nephrectomy: Assessment in a Porcine Model. Journal of Endourology, 2011, 25, 419-424.	2.1	24
118	Virtual simulation of the postsurgical cosmetic outcome in patients with Pectus Excavatum. , 2011, , .		3
119	Peroral esophageal segmentectomy and anastomosis with single transthoracic trocar: a step forward in thoracic NOTES. Endoscopy, 2011, 43, 14-20.	1.8	16
120	Natural orifice transluminal endoscopy surgery: A review. World Journal of Gastroenterology, 2011, 17, 3795.	3.3	42
121	Transvesical Endoscopic Port in Abdominal Surgery: An Updated Perspective. Current Urology Reports, 2010, 11, 128-131.	2.2	2
122	Experimental foundation for natural orifice transluminal endoscopic surgery and hybrid natural orifice transluminal endoscopic surgery. BJU International, 2010, 106, 913-918.	2.5	12
123	Gastroschisis: preterm or term delivery?. Clinics, 2010, 65, 139-142.	1.5	23
124	Neonatal Pneumomediastinum and the Spinnaker-Sail Sign. New England Journal of Medicine, 2010, 363, 2145-2145.	27.0	14
125	Congenital lung lesions—underlying molecular mechanisms. Seminars in Pediatric Surgery, 2010, 19, 171-179.	1.1	101
126	NOTES Performed Using Multiple Ports of Entry: Current Experience and Potential Implications for Urologic Applications. Journal of Endourology, 2009, 23, 759-764.	2.1	19

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127	Natural Orifice Translumenal Thoroscopic Surgery. Surgical Innovation, 2009, 16, 9-15.	0.9	12
128	Endoscopic Closure of Transmural Bladder Wall Perforations. European Urology, 2009, 56, 151-158.	1.9	36
129	Time course and mechanisms of left ventricular systolic and diastolic dysfunction in monocrotaline-induced pulmonary hypertension. Basic Research in Cardiology, 2009, 104, 535-545.	5.9	56
130	In vivo assessment of gastrotomy closure with over-the-scope clips in an experimental model for varicoelectomy (with video). Gastrointestinal Endoscopy, 2009, 70, 1137-1145.	1.0	27
131	Transvesical endoscopic peritoneoscopy: Intra-abdominal scarless surgery for urologic applications. Current Urology Reports, 2008, 9, 50-54.	2.2	26
132	Intrinsic catch-up growth of hypoplastic fetal lungs is mediated by interleukin-6. Pediatric Pulmonology, 2008, 43, 680-689.	2.0	12
133	Repair of a large congenital diaphragmatic defect with a reverse latissimus dorsi muscle flap. Microsurgery, 2008, 28, 85-88.	1.3	15
134	N-Terminal-pro-B Type Natriuretic Peptide as a Useful Tool to Evaluate Pulmonary Hypertension and Cardiac Function in CDH Infants. Neonatology, 2008, 94, 22-30.	2.0	35
135	Ghrelin and obestatin: Different role in fetal lung development?. Peptides, 2008, 29, 2150-2158.	2.4	15
136	Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2008, 43, 627-633.	1.6	15
137	NOTES NEPHRECTOMY BY TRANSGASTRIC AND TRANSVESICAL COMBINED APPROACH. Journal of Urology, 2008, 179, 239-239.	0.4	0
138	Thymulin Inhibits Monocrotaline-Induced Pulmonary Hypertension Modulating Interleukin-6 Expression and Suppressing p38 Pathway. Endocrinology, 2008, 149, 4367-4373.	2.8	41
139	Immunocytochemical Characterization of Astrocytosis along the Spinal Cord of Loop-Tail/Curly-Tail Mice with Myelomeningocele. Pediatric Neurosurgery, 2008, 44, 288-295.	0.7	5
140	Cystic Adenomatoid Malformations Are Induced by Localized FGF10 Overexpression in Fetal Rat Lung. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 346-355.	2.9	93
141	Congenital Diaphragmatic Hernia – The Neonatal Period (Part I). European Journal of Pediatric Surgery, 2008, 18, 219-223.	1.3	14
142	Congenital Diaphragmatic Hernia. The Post-Neonatal Period (Part II). European Journal of Pediatric Surgery, 2008, 18, 307-312.	1.3	12
143	Vascular and apoptotic changes in the placode of myelomeningocele mice during the final stages of in utero development. Journal of Neurosurgery: Pediatrics, 2008, 2, 150-157.	1.3	5
144	In utero topographic analysis of astrocytes and neuronal cells in the spinal cord of mutant mice with myelomeningocele. Journal of Neurosurgery: Pediatrics, 2007, 106, 472-479.	1.3	11

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145	Embryonic Essential Myosin Light Chain Regulates Fetal Lung Development in Rats. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 330-338.	2.9	20
146	Targeted Gene Transfer to Fetal Rat Lung Interstitium by Ultrasound-guided Intrapulmonary Injection. Molecular Therapy, 2007, 15, 340-347.	8.2	33
147	Evolving Indications for the EXIT Procedure: The Usefulness of Combining Ultrasound and Fetal MRI. Fetal Diagnosis and Therapy, 2007, 22, 107-111.	1.4	30
148	Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2007, 42, 1231-1237.	1.6	11
149	Third-Generation Nephrectomy by Natural Orifice Transluminal Endoscopic Surgery. Journal of Urology, 2007, 178, 2648-2654.	0.4	123
150	Third-generation cholecystectomy by natural orifices: transgastric and transvesical combined approach (with video). Gastrointestinal Endoscopy, 2007, 65, 111-117.	1.0	177
151	Searching the best approach for third-generation cholecystectomy. Gastrointestinal Endoscopy, 2007, 65, 354.	1.0	8
152	Transvesical thoracoscopy: A natural orifice transluminal endoscopic approach for thoracic surgery. Surgical Endoscopy and Other Interventional Techniques, 2007, 21, 854-858.	2.4	117
153	1226: Third Generation Abdominal Surgery by Natural Orifices: Transgastric and Transvesical Combined Approach. Journal of Urology, 2007, 177, 404-404.	0.4	1
154	Transvesical Endoscopic Peritoneoscopy: A Novel 5 mm Port for Intra-Abdominal Scarless Surgery. Journal of Urology, 2006, 176, 802-805.	0.4	169
155	Myocardial dysfunction and neurohumoral activation without remodeling in left ventricle of monocrotaline-induced pulmonary hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1587-H1594.	3.2	57
156	Ghrelin as a novel locally produced relaxing peptide of the iris sphincter and dilator muscles. Experimental Eye Research, 2006, 83, 1179-1187.	2.6	29
157	Myocardium expression of connexin 43, SERCA2a, and myosin heavy chain isoforms are preserved in nitrofen-induced congenital diaphragmatic hernia rat model. Journal of Pediatric Surgery, 2006, 41, 1532-1538.	1.6	2
158	Ghrelin Expression in Human and Rat Fetal Lungs and the Effect of Ghrelin Administration in Nitrofen-Induced Congenital Diaphragmatic Hernia. Pediatric Research, 2006, 59, 531-537.	2.3	44
159	IL-6 Is Constitutively Expressed During Lung Morphogenesis and Enhances Fetal Lung Explant Branching. Pediatric Research, 2006, 60, 530-536.	2.3	30
160	Interleukin-6 has a role in normal and hypoplastic fetal lung branching. FASEB Journal, 2006, 20, A1218.	0.5	0
161	DEVELOPMENT OF NOVEL APPROACH FOR GENE TRANSFER OF RODENT FETAL LUNG. FASEB Journal, 2006, 20, A408.	0.5	1
162	Third Generation Cholecystectomy by Natural Orifices. American Journal of Gastroenterology, 2006, 101, S511.	0.4	2

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163	Ghrelin reverses molecular, structural and hemodynamic alterations of the right ventricle in pulmonary hypertension. <i>Revista Portuguesa De Cardiologia</i> , 2006, 25, 55-63.	0.5	17
164	Brain-Type Natriuretic Peptide in the Diagnosis and Management of Persistent Pulmonary Hypertension of the Newborn. <i>Pediatrics</i> , 2005, 115, 1111-1111.	2.1	7
165	Antenatal vitamin A administration attenuates lung hypoplasia by interfering with early instead of late determinants of lung underdevelopment in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2005, 40, 658-665.	1.6	35
166	Congenital diaphragmatic hernia in a patient with tetrasomy 9p. <i>Journal of Pediatric Surgery</i> , 2005, 40, e29-e31.	1.6	29
167	Endogenous production of ghrelin and beneficial effects of its exogenous administration in monocrotaline-induced pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2885-H2890.	3.2	58
168	Ectopic Pancreas and Foveolar Hyperplasia in a Newborn: A Unifying Etiopathogenesis for Gastric Outlet Obstruction. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 39, 92-94.	1.8	10
169	Distinct load dependence of relaxation rate and diastolic function in <i>Oryctolagus cuniculus</i> and <i>Ratus norvegicus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2003, 173, 401-407.	1.5	5
170	Fetal heart development in the nitrofen-induced CDH rat model: the role of mechanical and nonmechanical factors. <i>Journal of Pediatric Surgery</i> , 2003, 38, 1444-1451.	1.6	23
171	Neonatal Splenic Necrosis Not Related to Wandering Spleen. <i>European Journal of Pediatric Surgery</i> , 2003, 13, 344-346.	1.3	1
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