

Christoph Castellani

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

959
citations

759233

12
h-index

454955

30
g-index

53
all docs

53
docs citations

53
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone-implant interface strength and osseointegration: Biodegradable magnesium alloy versus standard titanium control. <i>Acta Biomaterialia</i> , 2011, 7, 432-440.	8.3	351
2	Early complications of the Nuss procedure for pectus excavatum: a prospective study. <i>Pediatric Surgery International</i> , 2008, 24, 659-666.	1.4	130
3	The Biomarker S100B and Mild Traumatic Brain Injury: A Meta-analysis. <i>Pediatrics</i> , 2018, 141, .	2.1	59
4	The Influence of Proton Pump Inhibitors on the Fecal Microbiome of Infants with Gastroesophageal Reflux- A Prospective Longitudinal Interventional Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 444.	3.9	43
5	Best Oxygenation Index on Day 1: A Reliable Marker for Outcome and Survival in Infants with Congenital Diaphragmatic Hernia. <i>European Journal of Pediatric Surgery</i> , 2015, 25, 3-8.	1.3	33
6	Exercise performance testing in patients with pectus excavatum before and after Nuss procedure. <i>Pediatric Surgery International</i> , 2010, 26, 659-663.	1.4	29
7	Reference ranges for neuroprotein S-100B: from infants to adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1296-9.	2.3	25
8	The epidemiology of fractures in infants - Which accidents are preventable?. <i>Injury</i> , 2016, 47, 188-191.	1.7	20
9	Neuroblastoma causes alterations of the intestinal microbiome, gut hormones, inflammatory cytokines, and bile acid composition. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26425.	1.5	18
10	The Effects of Prebiotic Supplementation with OMNi-LOGiC® FIBRE on Fecal Microbiome, Fecal Volatile Organic Compounds, and Gut Permeability in Murine Neuroblastoma-Induced Tumor-Associated Cachexia. <i>Nutrients</i> , 2020, 12, 2029.	4.1	17
11	Neonatal congenital pancreatic cyst: diagnosis and management. <i>Journal of Pediatric Surgery</i> , 2009, 44, e1-e4.	1.6	14
12	Judet type-IV radial neck fractures in children: Comparison of the outcome of fractures with and without bony contact. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 529-532.	3.3	14
13	Examination of intestinal ultrastructure, bowel wall apoptosis and tight junctions in the early phase of sepsis. <i>Scientific Reports</i> , 2020, 10, 11507.	3.3	14
14	Characterization of the Luminal and Mucosa-Associated Microbiome along the Gastrointestinal Tract: Results from Surgically Treated Preterm Infants and a Murine Model. <i>Nutrients</i> , 2021, 13, 1030.	4.1	13
15	An epidemiologic analysis of winter sport accidents on ski slopes comparing two seasons. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 648-654.	0.7	12
16	Trauma in pediatric urology. <i>Seminars in Pediatric Surgery</i> , 2021, 30, 151085.	1.1	11
17	Proton pump inhibitors for reflux therapy in infants: effectiveness determined by impedance pH monitoring. <i>Pediatric Surgery International</i> , 2014, 30, 381-385.	1.4	10
18	The influence of brace immobilization on the remodeling potential of thoracolumbar impaction fractures in children and adolescents. <i>European Spine Journal</i> , 2016, 25, 607-613.	2.2	10

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19	Eukaryotic Translation Initiation Factor 4A1: A Potential Novel Target in Neuroblastoma. <i>Cells</i> , 2021, 10, 301.	4.1	10
20	Surgical treatment of posterior cruciate ligament lesions does not cause growth disturbances in pediatric patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2704-2709.	4.2	9
21	The diagnostic value of hepcidin to predict the presence and severity of appendicitis in children. <i>Journal of Surgical Research</i> , 2018, 222, 102-107.	1.6	8
22	Transitional Fractures of the Distal Tibia: A Minimal Access Approach for Osteosynthesis. <i>Journal of Trauma</i> , 2009, 67, 1371-1375.	2.3	7
23	Huge Congenital Segmental Dilatation of the Sigmoid Colon in a Neonate: A "Rarity to Meet" and a "Challenge to Treat". <i>Case Reports in Pediatrics</i> , 2016, 2016, 1-3.	0.4	7
24	Interdisciplinary Radical "En-Bloc" Resection of Ewing Sarcoma of the Chest Wall and Simultaneous Chest Wall Repair Achieves Excellent Long-Term Survival in Children and Adolescents. <i>Frontiers in Pediatrics</i> , 2021, 9, 661025.	1.9	7
25	Long-term outcome of paediatric flexor tendon injuries of the hand. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 908-913.	1.0	6
26	A multinational survey on the infrastructural quality of paediatric intensive care units. <i>Annals of Intensive Care</i> , 2018, 8, 105.	4.6	6
27	Child safety programs for primary school children decrease the injury severity of dog bites. <i>European Journal of Pediatrics</i> , 2022, 181, 709-714.	2.7	6
28	The effects of neuroblastoma and chemotherapy on metabolism, fecal microbiome, volatile organic compounds, and gut barrier function in a murine model. <i>Pediatric Research</i> , 2019, 85, 546-555.	2.3	6
29	Insights into the Composition of a Co-Culture of 10 Probiotic Strains (OMNi BiOTiC [®] AAD10) and Effects of Its Postbiotic Culture Supernatant. <i>Nutrients</i> , 2022, 14, 1194.	4.1	6
30	Unlocked and locked elastic stable intramedullary nailing in an ovine tibia fracture model: A biomechanical study. <i>Materials Science and Engineering C</i> , 2014, 40, 267-274.	7.3	5
31	Minimally Invasive Surgery for Pediatric Adrenal Masses "Report on Four Cases. <i>European Journal of Pediatric Surgery Reports</i> , 2019, 07, e75-e78.	0.5	5
32	Do Anthropometric and Aerobic Parameters Predict a Professional Career for Adolescent Skiers?. <i>International Journal of Sports Medicine</i> , 2019, 40, 409-415.	1.7	5
33	Cardiorespiratory performance capacity and airway microbiome in patients following primary repair of esophageal atresia. <i>Pediatric Research</i> , 2021, 90, 66-73.	2.3	5
34	Production, Storage Stability, and Susceptibility Testing of Reuterin and Its Impact on the Murine Fecal Microbiome and Volatile Organic Compound Profile. <i>Frontiers in Microbiology</i> , 2021, 12, 699858.	3.5	5
35	Role of Neuroprotein S-100B in the Diagnostic of Pediatric Mild Brain Injury. <i>European Journal of Trauma and Emergency Surgery</i> , 2010, 36, 318-324.	1.7	4
36	Laparoscopic Distal Pancreatectomy of a Solid Pseudopapillary Tumor (SPT) Achieves Long-Term Oncologic Safety and Multiorgan Preservation. <i>European Journal of Pediatric Surgery Reports</i> , 2019, 07, e58-e62.	0.5	4

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37	A Rare Cause for a Neonatal Cystic Abdominal Mass. <i>Journal of Minimally Invasive Gynecology</i> , 2013, 20, 714-716.	0.6	3
38	Giant lymphatic malformation causing abdominal compartment syndrome in a neonate: a rare surgical emergency. <i>Journal of Surgical Case Reports</i> , 2020, 2020, rjaa252.	0.4	3
39	(S)-Reutericyclin: Susceptibility Testing and In Vivo Effect on Murine Fecal Microbiome and Volatile Organic Compounds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6424.	4.1	3
40	Chylous content might determine the optimal surgical approach for mesenteric lymphatic malformations in childhood. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, 10, 430-435.	1.6	3
41	Cardiorespiratory performance and locomotor function of patients with anorectal malformations. <i>Scientific Reports</i> , 2021, 11, 18919.	3.3	3
42	Advanced interlocking systems to improve heavy-load-bearing characteristics of flexible intramedullary nailing. <i>Materials Science and Engineering C</i> , 2016, 68, 358-365.	7.3	2
43	Hirschsprung's Associated Enterocolitis (HAEC) Personalized Treatment with Probiotics Based on Gene Sequencing Analysis of the Fecal Microbiome. <i>Case Reports in Pediatrics</i> , 2018, 2018, 1-6.	0.4	2
44	Bicycle spiroergometry: comparison of standardized examination protocols for adolescents: is it necessary to define own standard values for each protocol?. <i>European Journal of Applied Physiology</i> , 2021, 121, 1783-1794.	2.5	2
45	Experimental comparison of abdominal drainage systems. <i>American Journal of Surgery</i> , 2017, 213, 1038-1041.	1.8	1
46	Volatile Organic Compounds, Bacterial Airway Microbiome, Spirometry and Exercise Performance of Patients after Surgical Repair of Congenital Diaphragmatic Hernia. <i>Molecules</i> , 2021, 26, 645.	3.8	1
47	The Financial Burden of Surgery for Congenital Malformations – The Austrian Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11166.	2.6	1
48	Long-term results following intra-articular fractures of the medial malleolus in children and adolescents with special emphasis on MRI. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901880113.	1.0	0
49	Biomechanical investigation of external fixators for the treatment of supracondylar humerus fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 286.	2.3	0
50	Loop Ileostomy in Europe's Tiniest Male Newborn for Meconium-Related Ileus. <i>European Journal of Pediatric Surgery Reports</i> , 2021, 09, e17-e19.	0.5	0
51	Exercise Performance Testing in Pectus Excavatum Patients. , 2017, , 245-252.		0