

# Marco Ghionzoli

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,175  
citations

567281

15  
h-index

395702

33  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rat decellularized small bowel scaffold that preserves villus-crypt architecture for intestinal regeneration. <i>Biomaterials</i> , 2012, 33, 3401-3410.	11.4	188
2	Amniotic fluid stem cells improve survival and enhance repair of damaged intestine in necrotising enterocolitis via a COX-2 dependent mechanism. <i>Gut</i> , 2014, 63, 300-309.	12.1	155
3	Amniotic Fluid Stem Cells Are Cardioprotective Following Acute Myocardial Infarction. <i>Stem Cells and Development</i> , 2011, 20, 1985-1994.	2.1	104
4	In Vitro and In Vivo Cardiomyogenic Differentiation of Amniotic Fluid Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 364-380.	5.6	82
5	Amniotic Fluid Stem Cells Rescue Both in Vitro and in Vivo Growth, Innervation, and Motility in Nitrofen-Exposed Hypoplastic Rat Lungs through Paracrine Effects. <i>Cell Transplantation</i> , 2013, 22, 1683-1694.	2.5	68
6	ES, iPS, MSC, and AFS cells. Stem cells exploitation for Pediatric Surgery: current research and perspective. <i>Pediatric Surgery International</i> , 2010, 26, 3-10.	1.4	66
7	Amniotic fluid stem cell migration after intraperitoneal injection in pup rats: implication for therapy. <i>Pediatric Surgery International</i> , 2010, 26, 79-84.	1.4	54
8	Pectus Excavatum and Heritable Disorders of the Connective Tissue. <i>Mental Illness</i> , 2013, 5, e15.	0.8	50
9	Is early delivery beneficial in gastroschisis?. <i>Journal of Pediatric Surgery</i> , 2014, 49, 928-933.	1.6	48
10	Gastroschisis with intestinal atresia—predictive value of antenatal diagnosis and outcome of postnatal treatment. <i>Journal of Pediatric Surgery</i> , 2012, 47, 322-328.	1.6	41
11	Human amniotic fluid stem cell differentiation along smooth muscle lineage. <i>FASEB Journal</i> , 2013, 27, 4853-4865.	0.5	31
12	Long-term lung function in children following lobectomy for congenital lung malformation. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1891-1897.	1.6	27
13	Is a Shorter Bar an Effective Solution to Avoid Bar Dislocation in a Nuss Procedure?. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1022-1027.	1.3	23
14	A Novel Objective Approach to the External Measurement of Pectus Excavatum Severity by Means of an Optical Device. <i>Annals of Thoracic Surgery</i> , 2018, 106, 221-227.	1.3	21
15	Pectus Excavatum and MASS Phenotype: An Unknown Association. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2012, 22, 508-513.	1.0	15
16	Inflammatory myofibroblastic tumor: Clinical, morphological, immunohistochemical and molecular features of a pediatric case. <i>Pathology Research and Practice</i> , 2014, 210, 1152-1155.	2.3	15
17	Pain and Anxiety Management in Minimally Invasive Repair of Pectus Excavatum. <i>Korean Journal of Pain</i> , 2012, 25, 267-271.	2.2	14
18	Cervical Thymic Cyst in Childhood: A Case Report. <i>Fetal and Pediatric Pathology</i> , 2015, 34, 65-69.	0.7	14

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19	Rib Cartilage Characterization in Patients Affected by Pectus Excavatum. <i>Anatomical Record</i> , 2013, 296, 1813-1820.	1.4	13
20	Activation of Regulatory T Cells during Inflammatory Response Is Not an Exclusive Property of Stem Cells. <i>PLoS ONE</i> , 2012, 7, e35512.	2.5	13
21	Customized Cutting Template to Assist Sternotomy in Pectus Arcuatum. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1253-1258.	1.3	12
22	Towards a CAD-based automatic procedure for patient specific cutting guides to assist sternal osteotomies in pectus arcuatum surgical correction. <i>Journal of Computational Design and Engineering</i> , 2019, 6, 118-127.	3.1	11
23	Thyroglossal duct cyst: Factors affecting cosmetic outcome and recurrence. <i>Pediatrics International</i> , 2019, 61, 1020-1024.	0.5	8
24	Does intestinal permeability lead to organ failure in experimental necrotizing enterocolitis?. <i>Pediatric Surgery International</i> , 2010, 26, 85-89.	1.4	7
25	Umbilical Reconstruction in Children: A Simplified Operative Technique. <i>Aesthetic Plastic Surgery</i> , 2015, 39, 414-417.	0.9	7
26	Long-term intestinal bleeding in a child: a rare case of heterotopic gastric mucosa in the jejunum. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016216949.	0.5	7
27	A semi-automatic computer-aided method for personalized Vacuum Bell design. <i>Computer-Aided Design and Applications</i> , 2018, 15, 247-255.	0.6	7
28	Surgical management of ovarian teratomas in childhood: a multicentric study on 110 cases and a literature review. <i>Gynecological Endocrinology</i> , 2021, 37, 950-954.	1.7	7
29	A Simplified Method to Pass the Bar Through the Mediastinum in the Nuss Technique. <i>Annals of Thoracic Surgery</i> , 2015, 99, 717-718.	1.3	6
30	Scoliosis and Pectus Excavatum in Adolescents: Does the Nuss Procedure Affect the Scoliotic Curvature?. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 734-739.	1.0	6
31	Regenerative Surgery in the Treatment of Cosmetic Defect Following Nuss Procedure. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2017, 27, 748-753.	1.0	5
32	A Sensorized Nuss Bar for Patient-Specific Treatment of Pectus Excavatum. <i>Sensors</i> , 2014, 14, 18096-18113.	3.8	4
33	Sternal Cleft and Pectus Excavatum: A Combined Approach for the Correction of a Complex Anterior Chest Wall Malformation in a Teenager. <i>Annals of Thoracic Surgery</i> , 2015, 99, e131-e135.	1.3	4
34	The role of DNA amplification and cultural growth in complicated acute appendicitis. <i>Mental Illness</i> , 2016, 8, 6487.	0.8	4
35	Role of thoracoscopy in traumatic diaphragmatic hernia. <i>Pediatrics International</i> , 2016, 58, 601-603.	0.5	4
36	Antenatal corticosteroids and outcomes in gastroschisis: A multicenter retrospective cohort study. <i>Prenatal Diagnosis</i> , 2020, 40, 991-997.	2.3	4

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37	Traumatic Abdominal Wall Hernia. Indian Journal of Pediatrics, 2014, 81, 1409-1410.	0.8	3
38	Giant Ovarian Lymphangioma: Case Report and Review of the Literature. Fetal and Pediatric Pathology, 2018, 37, 263-269.	0.7	3
39	Handheld Optical System for Pectus Excavatum Assessment. Applied Sciences (Switzerland), 2021, 11, 1726.	2.5	3
40	Correlation between testicular volume and histological findings in children with unilateral cryptorchidism: Potential impact on future fertility. Urologia, 2021, , 039156032110047.	0.7	3
41	The fat anchor orchiopexy technique: results and outcomes from 150 cases surgical experience. Pediatric Surgery International, 2021, , 1.	1.4	3
42	Factors associated with postoperative hypocalcemia following thyroidectomy in childhood. Pediatric Blood and Cancer, 2022, , e29576.	1.5	3
43	Development of a porcine acellular bladder matrix for tissue-engineered bladder reconstruction. Pediatric Surgery International, 2022, 38, 665-677.	1.4	3
44	Sensorized Orthosis for Non-Operative Treatment of \$Pectus–Carinatum\$ in Pediatric Patients. IEEE Transactions on Medical Robotics and Bionics, 2019, 1, 115-121.	3.2	2
45	Towards a Non-invasive Pectus Excavatum Severity Assessment Tool Using a Linear Discriminant Analysis on 3D Optical Data. Lecture Notes in Mechanical Engineering, 2020, , 686-695.	0.4	2
46	Metal/polymer composite Nuss bar for minimally invasive bar removal after <i>Pectus Excavatum</i> treatment: FEM simulations. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 1530-1540.	2.1	1
47	Unique case of epidermoid cyst located in the omentum. Pediatrics International, 2015, 57, 724-726.	0.5	1
48	Pectus Carinatum: a non-invasive and objective measurement of severity. Medical and Biological Engineering and Computing, 2019, 57, 1727-1735.	2.8	1
49	Pectus excavatum in adolescents and children: the Nuss technique. Pediatric Medicine, 2019, 2, 32-32.	2.7	1
50	Epidemiology and Surgical Management of Foreign Bodies in the Liver in the Pediatric Population: A Systematic Review of the Literature. Children, 2022, 9, 120.	1.5	1
51	Left anterolateral emergency thoracotomy during the Nuss procedure: Lifesaving shortcut. Pediatrics International, 2017, 59, 103-104.	0.5	0
52	Ultrasound-Guided Bar Edge Labeling in the Perioperative Assessment of Nuss Bar Removal. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2017, 27, 1326-1327.	1.0	0
53	Testicular germ cells tumors in adolescents and young adults: Management and outcomes from a single-center experience. Archivio Italiano Di Urologia Andrologia, 2021, 93, 301-306.	0.8	0
54	Wild Boar Wound in a Child – Case Report and Management Review. Medical Science Case Reports, 0, 1, 33-35.	0.0	0

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55	Pectus Excavatum: A New Approach for Monitoring Cup-Suction Treatment. IFMBE Proceedings, 2020, , 746-754.	0.3	0
56	Differential Influence of Physical Activity on Cardiopulmonary Performance and Stroke Volume Assessed at Cardiopulmonary Exercise Test in Pectus Excavatum: A Pilot Study. Frontiers in Physiology, 2022, 13, 831504.	2.8	0