

Linea di ricerca 2

SCIENZE PEDIATRICHE, CHIRURGIA E NEONATOLOGIA

Responsabili scientifici:

Gian Marco Ghiggeri, Mohamad Maghnie, Girolamo Mattioli, Luca Antonio Ramenghi

Descrizione:

La multidisciplinarietà caratterizza questa linea di ricerca. Il punto di forza è la ricchezza clinica dell'Istituto, la disponibilità di risorse sperimentali e laboratoristiche. La disponibilità di un elevato numero di pazienti offre la possibilità di valutare in maniera approfondita nuove tecniche di trattamento e gestione dei pazienti affetti dalle diverse patologie pediatriche trattate, anche altamente complesse e rare. Patologie pediatriche come quelle legate all'alta prematurità, alle anomalie congenite a carico di organi, arti, o processi metabolici, rappresentano un'emergenza sociale verso le quali si rende necessario orientare un'approfondita ricerca clinica, alla luce delle nuove conoscenze generate a livello internazionale e dei progressi tecnologici. In quest'ottica, l'IGG, in quanto IRCCS nell'area materno-infantile, ha la possibilità, grazie all'alta specializzazione, alla multidisciplinarietà e all'ampio bacino d'utenza, di raccogliere ed analizzare un'elevata quantità di dati clinici su diverse patologie pediatriche (anche rare), col fine ultimo di implementare i protocolli terapeutici, sperimentare nuove terapie e nuovi approcci di intervento e, conseguentemente, di migliorare l'assistenza clinica e qualità della vita dei pazienti. Le grandi aree oggetto di indagine sono le malattie ad alto impatto clinico e sociale, dove la disponibilità di tecnologie innovative nel campo della genetica molecolare, della proteomica, dell'imaging e della robotica ha un'elevato potenziale applicativo. Si affrontano i temi riguardanti la caratterizzazione genetica di malattie importanti come l'iper-insulinismo congenito dell'Infanzia e il diabete neonatale, e si propongono percorsi atti a definire le basi immunologiche di malattie polmonari ed infiammatorie (rene, intestino). Altra area di indagine è la gestione dell'alta prematurità e delle relative complicanze, nonché l'implementazione dei metodi di indagine e trattamento delle malformazioni renali, cardiache, toraciche e delle vie aeree, gastrointestinali e urologiche attraverso tecniche innovative.

Obiettivi:

- Messa a punto di test diagnostici per patologie a base genetica e di metodi di analisi/monitoraggio/gestione delle complicanze da alta prematurità, per indirizzare la terapia.
- Sviluppo di nuovi approcci di intervento su patologie malformative, con tecniche chirurgiche e riabilitative innovative e mini-invasive.

U.O.C. Clinica Pediatrica e Endocrinologia

Direttore: Mohamad Maghnie

“Outcome neurocognitivo e neuroradiologico in bambini affetti da Ipotiroidismo Congenito (IC) - Neurocognitive and neuroradiological outcome in children with congenital hypothyroidism (CH)”

“Ricerca dei difetti genetici causativi dell’iperinsulinismo congenito dell’infanzia - Search for causative gene defects of congenital hyperinsulinemia of infancy”

“Valutazione morfologica e funzionale del sistema nervoso centrale nella sindrome di Silver-Russell (SRS) - Morphological and functional evaluation of CNS in Silver-Russell syndrome (SRS)”

“Valutazione clinica e nuovi percorsi diagnostici e terapeutici nelle endocrinopatie dell'infanzia e dell'adolescenza - Clinical evaluation, new diagnostic tools and therapeutic options in endocrine diseases of infancy and adolescence”

U.O.C. Medicina Fetale e Perinatale

Direttore: Dario Paladini

“Deep learning and neural network assessment of fetal normal and abnormal brain and cardiac development”

“Normal and abnormal fetal brain development”

U.O.C. Pediatria d’Urgenza e Pronto Soccorso

Direttore: Salvatore Renna

“Trial controllato randomizzato per valutare l'efficacia dell'O2-terapia ad alti flussi vs O2-terapia a bassi flussi nella bronchiolite - Randomized controlled trial to evaluate high-flow vs low-flow O2 therapy efficacy in bronchiolitis”

U.O.C. Gastroenterologia Pediatrica ed Endoscopia Digestiva

Direttore: Paolo Gandullia

“Registri Nazionali SIGENP di MICI e insufficienza intestinale cronica benigna - SIGENP National Registries of inflammatory bowel disease (IBD) and chronic benign intestinal insufficiency (CBII)”

“Studio delle basi genetiche delle MICI ad esordio precoce (sotto i 6 anni di vita) -Study of the genetic bases of Very Early Onset Inflammatory Bowel Diseases (VEO-IBD) (under 6 years of life)”

“Decorso e terapia delle pouchiti -Course and therapy of pouchitis”

“Uso dell'Infliximab nelle MICI ad esordio precoce - Use of Infliximab in very early onset inflammatory bowel disease (VEO-IBD)”

“Valutazione clinica e nuovi approcci terapeutici nelle patologie di interesse gastroenterologico dell'infanzia e dell'adolescenza - Clinical evaluation and new therapeutic approaches in the diseases of gastroenterological interest of infancy and adolescence”

“Nuova tecnica terapeutica nella sindrome dell'intestino corto con teduglutide -New therapeutic approach to short bowel syndrome with teduglutide”

U.O.C. Nefrologia e Trapianto Rene

Direttore: Gian Marco Ghiggeri

“Genetica della malattia renale cronica nel bambino - Genetics of chronic renal disease in children”

“Studi osservazionali e sperimentali per difetti congeniti e acquisiti in campo nefrologico - Observational and experimental studies for congenital and acquired defects in nephrology ”

“Meccanismi di formazioni di autoanticorpi nelle autoimmunità, e loro rilevanza clinica -Mechanisms of production of autoantibodies in autoimmunities and their clinical relevance”

U.O.C. Pneumologia Pediatrica ed Endoscopia Respiratoria

Direttore: Oliviero Sacco

“Sintomi extra-gastroenterologici del reflusso gastro-esofageo - extra-gastroenterological symptoms of gastroesophageal reflux”

“Sintomi respiratori ricorrenti/persistenti correlate a malformazioni congenite broncopulmonari - Recurrent/persistent respiratory symptoms correlated with bronchopulmonary congenital malformations”

U.O.C. Pediatria d’urgenza e Pronto Soccorso

Direttore: Salvatore Renna

“Trial controllato randomizzato per valutare l'efficacia dell'O2-terapia ad alti flussi vs O2-terapia a bassi flussi nella bronchiolite - Randomized controlled trial to evaluate high-flow vs low-flow O2 therapy efficacy in bronchiolitis”

U.O.C. Patologia Neonatale

Direttore: Luca Antonio Ramenghi

“Adenosina plasmatica come nuovo biomarker stress ossidativo e danno della sostanza bianca nel neonato prematuro - Plasma adenosine as new biomarker of oxidative stress and white matter damage in the preterm newborn”

“Fattori di rischio perinatali per l'outcome del neonato a termine e pretermine - Perinatal risk factors for the outcome of fullterm and preterm newborns”

“Fisiologia e fisiopatologia degli scambi cellulari in età perinatale - Physiology and pathophysiology of extracellular exchanges in perinatal age”

U.O.C. Cardiologia

Direttore: Maurizio Marasini

“Concordance between stress CMR and coronary angiography in pediatric patients with suspected coronary artery disease”

U.O.C. Dermatologia e Centro Angiomi

Direttore: Corrado Occella

“Comorbidities in Pediatric Psoriasis”

U.O.C. Chirurgia Pediatrica

Direttore: Girolamo Mattioli

“Shifting from trans-vescical to mini-invasive extra-vascular approach in the surgical treatment of vesicoureteric reflux”

“Endoscopic treatment of urolithiasis in pediatric population”

“Mini-invasive approach for reconstructive surgery of the vesico-ureteral junction”

“Chirurgia primaria vs chirurgia differita nel Neuroblastoma 4s: quali possibilità terapeutiche? – Primary vs delayed surgery in 4s Neuroblastoma: which therapeutic possibilities?”

“Uso di barre di titanio per la correzione di pectus excavatum con tecnica di Nuss - Use of titanium bars for the correction of pectus excavatum with Nuss technique”

“Surgical option for treatment of ureteropelvic junction obstruction and role of mini-invasive surgery”

“Nutritional Surgery and other minor surgical treatment in neuro-injured pediatric patients”

“Nuovi approcci diagnostico-terapeutici nella chirurgia maggiore e minore in ambito pediatrico - New diagnostic-therapeutic approaches in major and minor surgery in children”

U.O.C. Oculistica

Direttore: Riccardo De Marco

“Studio Artrite Idiopatica Giovanile (AIG)/Uveite - Study of Juvenile Idiopathic Arthritis(JIA)/Uveitis”

“Studio Cinca - Sindrome Cronica Infantile Neurologica Cutanea Articolare (CINCA) - Chronic Infantile Neurological Cutaneous and Articular syndrome (CINCA) study”

“Studio Glaucoma Congenito - Study on Congenital Glaucoma”

“Studio Malattie Neuro-Muscolari ROCHE-FIREFISH - Study of Neuromuscular Diseases - ROCHE-FIREFISH”

“Studio Neurofibromatosi 1 - Study on Neurofibromatosis type 1”

“Studio Malattie Neuro-Muscolari ROCHE-SUNFISH - Study on Neuromuscular Diseases ROCHE-SUNFISH

U.O.C. Ortopedia

Direttore: Silvio Boero

“Nuovi approcci chirurgici in ortopedia pediatrica - New surgical approaches in pediatric orthopedic surgery”

U.O.C. Otorinolaringoiatria

Direttore: Vincenzo Tarantino

“Studio dei potenziali faringo-laringei in età pediatrica - Study of pharyngo-laryngeal evoked potentials in pediatric age”

U.O.C. Odontostomatologia e Ortodonzia Pediatrica

Direttore: Nicola Laffi

“Valutazione del dolore oro-facciale e disordini temporo mandibolari in pazienti affetti da Sindrome Fibromialgica Giovanile - Evaluation of orofacial pain and temporo-mandibular disorders in patients with Juvenile Fibromyalgia Syndrome”

U.O.C. Genetica Umana

Direttore: Domenico Coviello

“In vitro model to investigate molecular pathogenesis of Sotos Syndrome (SoS) in view of innovative gene therapy”

Dip. Infermieristico e delle Professioni Tecnico-Sanitarie

Direttore: Silvia Scelsi

“Studi osservazionali per la validazione di strumenti e scale di valutazione - Observational studies for the validation of instruments and scales”

“Studi osservazionali/qualitativi di popolazione o di gestione infermieristica nell'infanzia e nell'adolescenza - Observational/qualitative population or nursing management studies in childhood and adolescence”

U.O.S.I.D. Epidemiologia e Biostatistica

Direttore: Riccardo Haupt

“Epidemiologia clinica e registri di malattia in pediatria (Area: Epidemiologia Clinica in ambito pediatrico) - Clinical Epidemiology and paediatric diseases registers (Research field: Clinical pediatric epidemiology)”

U.O.S.I.D. Centro Trial

Direttore: Nicolino Ruperto

“Supporto scientifico ed amministrativo ai ricercatori in clinical trials pediatrici - Scientific and administrative support to researchers for pediatric clinical trials”

“The new PRINTO criteria for the classification of the Juvenile Idiopathic Arthritis (JIA). A project based on the scientific evidence for the revision of the criteria of the International League against Rheumatism (ILAR)”

U.O.S.D. Centro di Anestesia ed Analgesia Ostetrico-Ginecologica

Direttore: Gabriele De Tonetti

“Maintenance of labor analgesia: Programmed Intermittent Epidural Bolus (PIEB) versus topup epidural analgesia”

U.O.S.D. Pronto Soccorso e OBI

Direttore: Emanuela Piccotti

“In divenire 2.0 - Becoming 2.0”

U.O.S.D. Centro di Dialisi

Direttore: Enrico Verrina

“Studi Proteomici e Metabolomici in esosomi isolati da effluenti peritoneali di bambini uremici ed analisi immunologica degli elementi cellulari presenti in tali effluenti - Proteomic and metabolomic studies in exosomes isolated from peritoneal effluents of uremic children and immunological analysis of cellular elements present in those effluents”

U.O.S.D. Centro di Chirurgia Ricostruttiva e della Mano

Direttore: Filippo M. Senes

“Studio delle reinnervazione di distretti muscolari per mezzo di transfer nervosi nelle lesioni ostetriche del plesso brachiale - Study of reinnervation of muscular districts through nerve transfer in obstetric lesions of the brachial plexus”

U.O.S.D. Centro di Anestesiologia, Terapia del dolore acuto e procedurale

Direttore: Giovanni Montobbio

“Outcome a breve e lungo termine in anestesiologia pediatrica e neonatale - Short- and long-term outcome in pediatric and neonatal anesthesiology”

U.O.S.D. Centro di Terapia Intensiva Neonatale e Pediatrica

Direttore: Andrea Moscatelli

“L'ECMO nel neonato e nel bambino - ECMO in newborns and children”

U.O.S.D. Centro Allergologia

Direttore: Mariangela Tosca

“Valutazione del paziente con patologia respiratoria cronica, tra pneumologia, allergologia e comorbidità (anomalie delle vie aeree, "difficult to treat asthma", infezioni respiratorie, allergie, RGE) e controllo dell'asma- Evaluation of the patient with chronic respiratory disease: pneumology, allergology, and comorbidities (airway anomalies, "difficult to treat asthma", respiratory infections, allergies, GER) and asthma control”

Elenco pubblicazioni scientifiche

- 1) Allodji R.S., Hawkins M.M., Bright C.J., Fidler-Benaoudia M.M., Winter D.L., Alessi D., Fresneau B., Journy N., Morsellino Vera, Bárdi E., Bautz A., Byrne J., Feijen E.L.A., Teeppen J.C., Vu-Bezin G., Rubino C., Garwicz S., Grabow D., Gudmundsdottir T., Guha J., Hau E.-M., Jankovic M., Kaatsch P., Kaiser M., Linge H., MURACA MONICA, Llanas D., Veres C., Øfstaas H., Diallo I., Mansouri I., Ronckers C.M., Skinner R., Terenziani M., Wesenberg F., Wiebe T., Sacerdote C., Jakab Z., Haupt Riccardo, Lähteenmäki P., Zaletel L.Z., Kuehni C.E., Winther J.F., Michel G., Kremer L.C.M., Hjorth L., Haddy N., de Vathaire F., Reulen R.C. Risk of subsequent primary leukaemias among 69,460 five-year survivors of childhood cancer diagnosed from 1940 to 2008 in Europe: A cohort study within PanCareSurFup EUROPEAN JOURNAL OF CANCER 2019;117: 71-83. [IF grezzo: 6.68; IF Minist: 4.8].
- 2) Alvisi P., Dipasquale V., Barabino Arrigo, Martellossi S., Miele E., Lionetti P., Lombardi G., Cucchiara S., Torre G., Romano C. Infections and malignancies risks related to TNF-alpha-blocking agents in pediatric inflammatory bowel diseases Expert Review of Gastroenterology & Hepatology 2019;13 (10): 957-961. [IF grezzo: 2.991; IF Minist: 1.2].
- 3) Arthurs Owen J, van Rijn Rick R, Granata Claudio, Porto Luciana, Hirsch F Wolfgang, Rosendahl Karen European Society of Paediatric Radiology 2019 strategic research agenda: statement on imaging in very early onset inflammatory bowel disease PEDIATRIC RADIOLOGY 2019;49 (8): 983-989. [IF grezzo: 2.022; IF Minist: 2].
- 4) Bagnasco Francesca, Caruso S., Andreano A., Valsecchi M.G., Jankovic M., Biondi A., Miligi L., Casella C., Terenziani M., Massimino M., Sacerdote C., Morsellino Vera, Erminio Giovanni, Garaventa Alberto, Faraci Maura, Micalizzi Concetta, Garrè Maria Luisa, Pillon M., Basso G., Biasin E., Fagioli F., Rondelli R., Pession A., Locatelli F., Santoro N., Indolfi P., Palumbo G., Russo G., Verzeegnassi F., Favre C., Zecca M., Mura R., D'Angelo P., Cano C., Byrne J., Haupt Riccardo, Pierani P., Porta F., Consarino C., Burnelli R., Fedeli F., Cellini M., Casale F., Menna G., Bertolini P., Caniglia M., Cecinati V., Casazza G., Foà R., Clerico A., Ladogana S., Galimberti D., Rabusin M., Nespoli L., Cesaro S., Registry OTR-AIEOP Late mortality and causes of death among 5-year survivors of childhood cancer diagnosed in the period 1960-1999 and registered in the Italian Off-Therapy Registry EUROPEAN JOURNAL OF CANCER 2019;110: 86-97. [IF grezzo: 6.68; IF Minist: 4.8].
- 5) Balakrishnan Karthik, Sidell Douglas R, Bauman Nancy M, Bellia-Munzon Gaston F, Boesch R Paul, Bromwich Matthew, Cofer Shelagh A, Daines Cori, de Alarcon Alessandro, Garabedian Noël, Hart Catherine K, Ida Jonathan B, Leboulanger Nicolas, Manning Peter B, Mehta Deepak K, Monnier Philippe, Myer Charles M, Prager Jeremy D, Preciado Diego, Propst Evan J, Rahbar Reza, Russell John, Rutter Michael J, Thierry Briac, Thompson Dana M, Torre Michele, Varela Patricio, Vijayasekaran Shyan, White David R, Wineland Andre M, Wood Robert E, Wootten Christopher T, Zur Karen, Cotton Robin T Outcome measures for pediatric laryngotracheal reconstruction: International consensus statement LARYNGOSCOPE 2019;129 (1): 244-255. [IF grezzo: 2.343; IF Minist: 2].
- 6) Bellini Carlo Endotracheal Tube Depth in Premature Newborns Respiratory Care 2019;64 (4): 491. [IF grezzo: 1.736; IF Minist: 0.5].
- 7) Bellini Carlo Which choice should be made for neonatal transport service. Activate at birth or prior to birth? JOURNAL OF PAEDIATRICS AND CHILD HEALTH 2019;55 (2): 249. [IF grezzo: 1.688; IF Minist: 1].
- 8) Bellini Carlo, Calevo Maria Grazia Genoa, Italy Bridge Collapse: Effects on Neonatal Emergency Transport Service Prehospital and Disaster Medicine 2019;34 (4): 458-459. [IF grezzo: 1.01; IF Minist: 1].

- 9) Bellini Carlo, de Biasi Martina, Gente Maurizio, ramenghi luca antonio, Aufieri Roberto, Minghetti Diego, Pericu Silvia, Cavalieri Martina, Casiddu Niccolò, Neonatal Transport Study Group of the Italian Society of Neonatology (Società Italiana di Neonatologia, SIN) Gruppo Rethinking the neonatal transport ground ambulance Italian Journal of Pediatrics 2019;45 (1): 97. [IF grezzo: 1.726; IF Minist: 3.2].
- 10) Bellini Carlo, Turolla Giulia, De Angelis Laura C, Calevo Maria Grazia, ramenghi luca antonio Development of a novel reference nomogram for endotracheal intubation in neonatal emergency transport setting ACTA PAEDIATRICA 2019;108 (1): 83-87. [IF grezzo: 2.265; IF Minist: 4].
- 11) Bertelli Roberta, Bonanni A, Caridi Gianluca, Canepa A, Ghiggeri Gian Marco Molecular and Cellular Mechanisms for Proteinuria in Minimal Change Disease Frontiers in Medicine 2018;11 (5): 170. [IF grezzo: 3.113; IF Minist: 6].
- 12) Bondanza Sara, Calevo Maria Grazia, Derchi Maria Elena, Santoro Francesco, Marasini Maurizio Francesco Hybrid procedure of right ventricle outflow tract stenting in small infants with pulmonary atresia and ventricular septal defect: early and mid-term results from a single centre CARDIOLOGY IN THE YOUNG 2019;29 (3): 375-379. [IF grezzo: 0.943; IF Minist: 1].
- 13) Bonsignore Alessandro, Buffelli Francesca, Ciliberti Rosagemma, Ventura Francesco, Molinelli Andrea, Fulcheri Ezio Medico-legal considerations on "Lotus Birth" in the Italian legislative framework Italian Journal of Pediatrics 2019;45 (1): 39. [IF grezzo: 1.726; IF Minist: 4].
- 14) Boswinkel V, Steggerda S J, Fumagalli M, Parodi Alessandro, ramenghi luca antonio, Groenendaal F, Dudink J, Benders M N, Knol R, de Vries L S, van Wezel-Meijler G The CHOPIn Study: a Multicenter Study on Cerebellar Hemorrhage and Outcome in Preterm Infants CEREBELLUM 2019;18 (6): 989-998. [IF grezzo: 3.413; IF Minist: 2.4].
- 15) Bottari G., Di Nardo M., Gleeson J., Minoia F., Moscatelli Andrea, Cecchetti C., Verrina Enrico Eugenio Extracorporeal blood purification techniques in children with hyper-inflammatory syndromes: A clinical overview Minerva Anestesiologica 2019;85 (5): 531-542. [IF grezzo: 2.84; IF Minist: 4].
- 16) Brunner Hermine I, Martini Alberto, Lovell Daniel J, Ruperto Nicolino Clinical trials in children and adolescents with systemic lupus erythematosus ANNALS OF THE RHEUMATIC DISEASES 2019;78 (2): 162-170. [IF grezzo: 14.299; IF Minist: 14.299].
- 17) Bruschetti Matteo, Romantsik Olga, Zappettini Simona, O'Donnell Colm Pf, Calevo Maria Grazia Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn Cochrane Database of Systematic Reviews 2019;2: CD011724. [IF grezzo: 7.755; IF Minist: 6].
- 18) Bruschi Maurizio, Granata Simona, Candiano Giovanni, Fabris Antonia, Petretto Andrea, Ghiggeri Gian Marco, Gambaro Giovanni, Zaza Gianluigi Proteomic Analysis of Urinary Extracellular Vesicles Reveals a Role for the Complement System in Medullary Sponge Kidney Disease INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2019;20 (21): 5517. [IF grezzo: 4.183; IF Minist: 6].
- 19) Bruschi Maurizio, Granata Simona, Santucci Laura, Candiano Giovanni, Fabris Antonia, Antonucci Nadia, Petretto Andrea, Bartolucci Martina, Del Zotto Genny, Antonini Francesca, Ghiggeri Gian Marco, Lupo Antonio, Gambaro Giovanni, Zaza Gianluigi Proteomic Analysis of Urinary Microvesicles and Exosomes in Medullary Sponge Kidney Disease and Autosomal Dominant Polycystic Kidney Disease Clinical Journal of the American Society of Nephrology 2019;14 (6): 834-843. [IF grezzo: 6.243; IF Minist: 6].
- 20) Bruschi Maurizio, Petretto Andrea, Santucci Laura, Vaglio Augusto, Pratesi Federico, Migliorini Paola, Bertelli Roberta, Lavarello Chiara, Bartolucci Martina, Candiano Giovanni, Prunotto Marco, Ghiggeri Gian Marco Neutrophil Extracellular Traps protein composition is specific for patients with Lupus nephritis and includes methyl-oxidized ζ enolase (methionine sulfoxide 93) Scientific Reports 2019;9 (1): 7934. [IF grezzo: 4.011; IF Minist: 6].

- 21) Buhre Wolfgang, Disma Nicola, Hendrickx Jan, DeHert Stefan, Hollmann Markus W, Huhn Ragnar, Jakobsson Jan, Nagele Peter, Peyton Philip, Vutskits Laszlo European Society of Anaesthesiology Task Force on Nitrous Oxide: a narrative review of its role in clinical practice BRITISH JOURNAL OF ANAESTHESIA 2019;122 (5): 587-604. [IF grezzo: 6.199; IF Minist: 3.6].
- 22) Calevo Maria Grazia, Veronese Nicola, Cavallin Francesco, Paola Cavicchioli, Micaglio Massimo, Trevisanuto Daniele Supraglottic airway devices for surfactant treatment: systematic review and meta-analysis. Journal of Perinatology 2019;39 (2): 173-183. [IF grezzo: 2.046; IF Minist: 4].
- 23) Caridi Gianluca, Lugani Francesca, Rigat Brigitte, Van den Abeele Patrick, Layet Valérie, Gavard Marie-Sophie, Campagnoli Monica, Galliano Monica, Minchiotti Lorenzo A novel insertion (c.1098dupT) in the albumin gene causes analbuminemia in a consanguineous family European Journal of Medical Genetics 2019;62 (2): 144-148. [IF grezzo: 2.022; IF Minist: 2].
- 24) Ceccanti Silvia, Midrio Paola, Messina Mario, Mattioli Girolamo, Appignani Antonio, Briganti Vito, Cheli Maurizio, Lima Mario, Cozzi Denis A The DATE Association: A Separate Entity or a Further Extension of the VACTERL Association? JOURNAL OF SURGICAL RESEARCH 2019;241: 128-134. [IF grezzo: 1.872; IF Minist: 1].
- 25) Cherubini V., Gesuita R., Skrami E., Rabbone I., Bonfanti R., Arnaldi C., d'Annunzio Giuseppe, Frongia A., Lombardo F., Piccinno E., Schiaffini R., Toni S., Tumini S., Tinti D., Cipriano P., Minuto N., Lenzi L., Ferrito L., Ventrici C., Ortolani F., Cohen O., Scaramuzza A. Optimal predictive low glucose management settings during physical exercise in adolescents with type 1 diabetes PEDIATRIC DIABETES 2019;20 (1): 107-112. [IF grezzo: 3.347; IF Minist: 3.6].
- 26) Chiappini E., Petrolini C., Caffarelli C., Calvani M., Cardinale F., Duse M., Licari A., Manti S., Martelli A., Minasi D., Miraglia Del Giudice M., Pajno G.B., Pietrasanta C., Pugni L., Tosca Maria Angela, Mosca F., Marseglia G.L. Hexavalent vaccines in preterm infants: An update by Italian Society of Pediatric Allergy and Immunology jointly with the Italian Society of Neonatology Italian Journal of Pediatrics 2019;45 (1): 145. [IF grezzo: 1.726; IF Minist: 2].
- 27) Child Christopher J, Zimmermann Alan G, Chrousos George P, Cummings Elisabeth, Deal Cheri L, Hasegawa Tomonobu, Jia Nan, Lawrence Sarah, Linglart Agnès, Loche Sandro, Maghnie Mohamad, Pérez Sánchez Jacobo, Polak Michel, Predieri Barbara, Richter-Unruh Annette, Rosenfeld Ron G, Yeste Diego, Yorifuji Tohru, Blum Werner F Safety Outcomes During Pediatric GH Therapy JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM 2019;104 (2): 379-389. [IF grezzo: 5.605; IF Minist: 1.8].
- 28) Cioni Michela, Nocera Arcangelo, Tagliamacco Augusto, Basso Sabrina, Innocente Annalisa, Fontana Iris, Magnasco Alberto, Trivelli Antonella, Klersy Catherine, Gurrado Antonella, Ramondetta Miriam, Boghen Stella, Catenacci Laura, Verrina Enrico Eugenio, Garibotto Giacomo, Ghiggeri Gian Marco, Cardillo Massimo, Ginevri Fabrizio, Comoli Patrizia Failure to remove de novo donor-specific HLA antibodies is influenced by antibody properties and identifies kidney recipients with late antibody-mediated rejection destined to graft loss - a retrospective study TRANSPLANT INTERNATIONAL 2019;32 (1): 38-48. [IF grezzo: 3.526; IF Minist: 6].
- 29) Ciprandi Giorgio, Silvestri Michela Standardization of nasal cytologic testing in the workup of allergic rhinitis ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY 2019;123 (2): 213-216. [IF grezzo: 3.56; IF Minist: 2].
- 30) Ciprandi Giorgio, Silvestri Michela, Pistorio Angela, Ricciardolo Fabio Luigi Massimo Clustering analysis in asthmatic outpatients: An experience in clinical practice. JOURNAL OF ASTHMA 2019;56 (5): 475-477. [IF grezzo: 2.081; IF Minist: 1].
- 31) Ciprandi Giorgio, Silvestri Michela, Pistorio Angela, Tosca Maria Angela, Cirillo Ignazio Clustering analysis in outpatients with allergic rhinitis in clinical practice ALLERGY 2019;74 (3): 607-610. [IF grezzo: 6.771; IF Minist: 3].

- 32) Clausen Nicola Groes, Hansen Tom G, Disma Nicola Anesthesia Neurotoxicity in the Developing Brain: Basic Studies Relevant for Neonatal or Perinatal Medicine CLINICS IN PERINATOLOGY 2019;46 (4): 647-656. [IF grezzo: 2.798; IF Minist: 6].
- 33) Colucci M., Carsetti R., Rosado M.M., Cascioli S., Bruschi M., Candiano Giovanni, Corpetti G., Giardino L., Serafinelli J., Giannone C., Ghiggeri Gian Marco, Rastaldi M.P., Sitia R., Emma F., Vivarelli M. Atypical IgM on T cells predict relapse and steroid dependence in idiopathic nephrotic syndrome KIDNEY INTERNATIONAL 2019;96 (4): 971-982. [IF grezzo: 8.306; IF Minist: 4.8].
- 34) Contributors of the European Network and Registry for Homocystinurias and Methylation Defects (E-HOD) Gruppo, Huemer M., Diodato D., Martinelli D., Olivieri G., Blom H., Gleich F., Kölker S., Kožich V., Morris A.A., Seifert B., Froese D.S., Baumgartner M.R., Dionisi-Vici C., Martin C.A., Baethmann M., Ballhausen D., Blasco-Alonso J., Boy N., Bueno M., Burgos Peláez R., Cerone Roberto, Chabrol B., Chapman K.A., Couce M.L., Crushell E., Dalmau Serra J., Diogo L., Ficicioglu C., García Jimenez M.C., García Silva M.T., Gaspar A.M., Gautschi M., González-Lamuño D., Gouveia S., Grünewald S., Hendriksz C., Janssen M.C.H., Jesina P., Koch J., Konstantopoulou V., Lavigne C., Lund A.M., Martins E.G., Meavilla Olivas S., Mention K., Mochel F., Mundy H., Murphy E., Paquay S., Pedrón-Giner C. Phenotype, treatment practice and outcome in the cobalamin-dependent remethylation disorders and MTHFR deficiency: Data from the E-HOD registry JOURNAL OF INHERITED METABOLIC DISEASE 2019;42 (2): 333-352. [IF grezzo: 4.287; IF Minist: 3].
- 35) Contributors of the European Network and Registry for Homocystinurias and Methylation Defects (E-HOD) Gruppo, Keller R., Chrastina P., Pavlíková M., Gouveia S., Ribes A., Kölker S., Blom H.J., Baumgartner M.R., Bártl J., Dionisi-Vici C., Gleich F., Morris A.A., Kožich V., Huemer M., Barić I., Ben-Omran T., Blasco-Alonso J., Bueno Delgado M.A., Carducci C., Cassanello Michela, Cerone Roberto, Couce M.L., Crushell E., Delgado Pecellin C., Dulin E., Espada M., Ferino G., Fingerhut R., Garcia Jimenez I., Gonzalez Gallego I., González-Irazabal Y., Gramer G., Juan Fita M.J., Karg E., Klein J., Konstantopoulou V., la Marca G., Leão Teles E., Leuzzi V., Lilliu F., Lopez R.M., Lund A.M., Mayne P., Meavilla S., Moat S.J., Okun J.G., Pasquini E., Pedron-Giner C.C., Racz G.Z., Ruiz Gomez M.A. Newborn screening for homocystinurias: Recent recommendations versus current practice JOURNAL OF INHERITED METABOLIC DISEASE 2019;42 (1): 128-139. [IF grezzo: 4.287; IF Minist: 3.6].
- 36) Cusato Jessica, Genova Carlo, Tomasello Cristina, Carrega Paolo, Ottonello Selene, Pietra Gabriella, Mingari Maria Cristina, Cossu Irene, Rijavec Erika, Leggieri Anna, Di Perri Giovanni, Dal Bello Maria Giovanna, Coco Simona, Boccardo Simona, Ferlazzo Guido, Grossi Francesco, D'Avolio Antonio Influence of Vitamin D in Advanced Non-Small Cell Lung Cancer Patients Treated with Nivolumab Cancers 2019;11 (1): 125. [IF grezzo: 6.162; IF Minist: 1.8].
- 37) De Angelis Costanza, Bellini Tommaso, Witte M H, Kylat R I, Bernas M, Boccardo F, Paladini Dario, Magnano Gian Michele, ramenghi luca antonio, Bellini Carlo Congenital chylothorax LYMPHOLOGY 2019;52 (3): 108-125. [IF grezzo: 0.674; IF Minist: 1].
- 38) De Bernardi B., Di Cataldo A., Garaventa Alberto, Massirio P., Viscardi E., Podda M.G., Castellano A., D'Angelo P., Tirtei E., Melchionda F., Vetrella S., De Leonardis F., D'Ippolito C., Tondo A., Nonnis A., Erminio Giovanni, Gigliotti A.R., Mazzocco Katia, Haupt Riccardo Stage 4 s neuroblastoma: Features, management and outcome of 268 cases from the Italian Neuroblastoma Registry Italian Journal of Pediatrics 2019;45 (1): 8. [IF grezzo: 1.726; IF Minist: 3.2].
- 39) De Francesco A., Diamanti A., Gandullia Paolo, Aimasso U., arrigo serena, Brolatti N., Capriati T., Elia D., Mazzuoli S., Merlo F.D., Pazzeschi C., Regano N., Sasdelli A.S., Pironi L., Guglielmi F.W. Non-interventional, retrospective data of long-term home parenteral nutrition in patients with benign diseases: Analysis of a nurse register (SERECARE) NUTRITION 2019;66: 131-141. [IF grezzo: 3.591; IF Minist: 2.4].

- 40) Deganello Saccomani M., Norsa L., Oliva S., de'Angelis G.L., Accomando S., Alvisi P., Balassone V., Bramuzzo M., Campanozzi A., Cavataio F., Centenari C., Chiaro A., Cisarò F., Citrano M., Costa L., Cozzali R., D'Adamo G., D'Altilia M., Di Chio T., Di Nardo G., Dodaro N., Falchetti D., Famiani A., Fanti L., Felici E., Francavilla R., Gandullia Paolo, Gatti S., Granata A., Illiceto M.T., Maino M., Malaventura C., Mantegazza C., Martelossi S., Miele E., Monzani A., Muscas A., Nicastro E., Orizio P., Pacenza C., Paci M., Parma B., Raffaele A., Romano C., Strisciuglio C., Group the SIGENP Endoscopy Working The pediatric endoscopy practice in Italy: A nationwide survey on behalf of the Italian society of pediatric gastroenterology, hepatology and nutrition (SIGENP) DIGESTIVE AND LIVER DISEASE 2019;51 (8): 1203-1206. [IF grezzo: 3.037; IF Minist: 2].
- 41) Dipasquale V, Mattioli Girolamo, arrigo serena, Bramuzzo M, Strisciuglio C, Faraci S, Romeo EF, Contini AC, Ventimiglia M, Zuin G, Felici E, Alvisi P, Romano C Pouchitis in pediatric ulcerative colitis: A multicenter study on behalf of Italian Society of Pediatric Gastroenterology, Hepatology and Nutrition DIGESTIVE AND LIVER DISEASE 2019;51: 1551-1556. [IF grezzo: 3.037; IF Minist: 2.4].
- 42) Disma Nicola, Thomas Mark, Afshari Arash, Veyckemans Francis, De Hert Stefan Clear fluids fasting for elective paediatric anaesthesia: The European Society of Anaesthesiology consensus statement. EUROPEAN JOURNAL OF ANAESTHESIOLOGY 2019;36 (3): 173-174. [IF grezzo: 4.14; IF Minist: 4.8].
- 43) Dufek S., Holtta T., Trautmann A., Ylinen E., Alpay H., Ariceta G., Aufricht C., Bacchetta J., Bakkaloglu S.A., Bayazit A., Cicek R.Y., Dursun I., Duzova A., Ekim M., Iancu D., Jankauskiene A., Klaus G., Paglialonga F., Pasini A., Printza N., Said Conti V., do Sameiro Faria M., Schmitt C.P., Stefanidis C.J., Verrina Enrico Eugenio, Vidal E., Vondrak K., Webb H., Zampetoglou A., Bockenbauer D., Edefonti A., Shroff R. Management of children with congenital nephrotic syndrome: challenging treatment paradigms NEPHROLOGY DIALYSIS TRANSPLANTATION 2019;34 (8): 1369-1377. [IF grezzo: 4.198; IF Minist: 3].
- 44) Emma F., Cappa M., Antoniazzi F., Bianchi M.L., Chiodini I., Eller Vainicher C., Di Iorgi Natascia, Maghnie Mohamad, Cassio A., Balsamo A., Baronio F., De Sanctis L., Tessaris D., Baroncelli G.I., Mora S., Brandi M.L., Weber G., D'Ausilio A., Lanati E.P. X-linked hypophosphatemic rickets: An Italian experts' opinion survey Italian Journal of Pediatrics 2019;45 (1): 67. [IF grezzo: 1.726; IF Minist: 2.4].
- 45) ESPN Dialysis Working Group Gruppo, Dufek Stephanie, Ylinen Elisa, Trautmann Agnes, Alpay Harika, Ariceta Gema, Aufricht Christoph, Bacchetta Justine, Bakkaloglu Sevcen, Bayazit Aysun, Caliskan Salim, do Sameiro Faria Maria, Dursun Ismail, Ekim Mesiha, Jankauskiene Augustina, Klaus Günter, Paglialonga Fabio, Pasini Andrea, Printza Nikoleta, Conti Valerie Said, Schmitt Claus Peter, Stefanidis Constantinos, Verrina Enrico Eugenio, Vidal Enrico, Webb Hazel, Zampetoglou Argyroula, Edefonti Alberto, Holtta Tuula, Shroff Rukshana Infants with congenital nephrotic syndrome have comparable outcomes to infants with other renal diseases PEDIATRIC NEPHROLOGY 2019;34 (4): 649-655. [IF grezzo: 2.816; IF Minist: 3].
- 46) Firetto Maria Cristina, Abbinante Antonella, Barbato Ersilia, Bellomi Massimo, Biondetti Pietro, Borghesi Andrea, Bossu' Maurizio, Cascone Piero, Corbella Daniela, Di Candido Vincenzo, Diotallevi Paolo, Farronato Giampiero, Federici Antonio, Gagliani Massimo, Granata Claudio, Guerra Mario, Magi Antonio, Maggio Maria Cristina, Mirengi Stefano, Nardone Michele, Origgi Daniela, Paglia Luigi, Preda Lorenzo, Rampado Osvado, Rubino Luigi, Salerno Sergio, Sodano Angelo, Torresin Alberto, Strohenger Laura National guidelines for dental diagnostic imaging in the developmental age Radiologia Medica 2019;124 (9): 887-916. [IF grezzo: 1.42; IF Minist: 0.5].
- 47) Fiz Ivana, Monnier Philippe, Koelmel Jan Constantin, Di Dio Diana, Torre Michele, Fiz Francesco, Missale Francesco, Piazza Cesare, Peretti Giorgio, Sittel Christian Implementation of the European Laryngological Society classification for pediatric benign laryngotracheal stenosis: a multicentric study. EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY 2019;276 (3): 785-792. [IF grezzo: 1.75; IF Minist: 2].

- 48) Fontanazza Silvia, Piccotti Emanuela, Sartini Marina, Cristina Maria L, Spagnolo Anna M, Palmieri Antonella, Di Pietro Pasquale Development of stratification criteria of green codes in a pediatric emergency department MINERVA PEDIATRICA 2019;71 (1): 21-27. [IF grezzo: 0.832; IF Minist: 0.8].
- 49) Garone G., Reale A., Vanacore N., Parisi P., Bondone C., Suppiej A., Brisca Giacomo, Calistri L., Cordelli D.M., Savasta S., Grosso S., Midulla F., Falsaperla R., Verrotti A., Bozzola E., Vassia C., Da Dalt L., Maggiore R., Masi S., Maltoni L., Foadelli T., Rossetti A., Greco C., Marino S., Di Paolantonio C., Papetti L., Urbino A.F., Rossi R., Raucci U. Acute ataxia in paediatric emergency departments: A multicentre Italian study ARCHIVES OF DISEASE IN CHILDHOOD 2019;104 (8): 768-774. [IF grezzo: 3.158; IF Minist: 3].
- 50) GAS Consortium Gruppo, McCann Mary Ellen, de Graaff Jurgen C, Dorris Liam, Disma Nicola, Withington Davinia, Bell Graham, Grobler Anneke, Stargatt Robyn, Hunt Rodney W, Sheppard Suzette J, Marmor Jacki, Giribaldi Gaia, Bellinger David C, Hartmann Penelope L, Hardy Pollyanna, Frawley Geoff, Izzo Francesca, von Ungern Sternberg Britta S, Lynn Anne, Wilton Niall, Mueller Martin, Polaner David M, Absalom Anthony R, Szmuk Peter, Morton Neil, Berde Charles, Soriano Sulpicio, Davidson Andrew J Neurodevelopmental outcome at 5 years of age after general anaesthesia or awake-regional anaesthesia in infancy (GAS) LANCET 2019;393 (10172): 664-677. [IF grezzo: 59.102; IF Minist: 17.5].
- 51) GAS Trial Consortium Gruppo, Gentry Katherine R, Arnup Sarah J, Disma Nicola, Dorris Liam, de Graaff Jurgen C, Hunyady Agnes, Morton Neil S, Withington Davinia E, McCann Mary Ellen, Davidson Andrew J, Lynn Anne M Enrollment challenges in multicenter, international studies: The example of the GAS trial PEDIATRIC ANESTHESIA 2019;29 (1): 51-58. [IF grezzo: 2.037; IF Minist: 2].
- 52) Gelardi M, Piccininni K, Quaranta N, Quaranta V, Silvestri Michela, Ciprandi G Olfactory dysfunction in patients with chronic rhinosinusitis with nasal polyps is associated with clinical-cytological grading severity Acta Otorhinolaryngologica Italica 2019;39 (5): 329-335. [IF grezzo: 1.408; IF Minist: 1.2].
- 53) Gelardi M, Silvestri Michela, Ciprandi G, Relief Study Group Correlation between the reflux finding score and the reflux symptom index in patients with laryngopharyngeal reflux. JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS 2019;32 (Suppl 2): 29-31. [IF grezzo: 1.558; IF Minist: 0.5].
- 54) Gelardi M, Silvestri Michela, Ciprandi G, The Relief Study Group Relieving laryngopharyngeal reflux (RELIEF) survey in otolaryngology - the viewpoint of the otorhinolaryngologist. JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS 2019;32 (Suppl 2): 9-19. [IF grezzo: 1.558; IF Minist: 0.5].
- 55) Gelardi M, Silvestri Michela, Ciprandi M, The Relief Study group Relieving laryngopharyngeal reflux (RELIEF) survey in otolaryngology - II the viewpoint of the patient. JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS 2019;32 (Suppl 2): 21-28. [IF grezzo: 1.558; IF Minist: 0.5].
- 56) Ghiggeri Gian Marco, D'Alessandro Matteo, Bartolomeo Domenico, Degl'Innocenti Maria Ludovica, Magnasco Alberto, Lugani Francesca, Prunotto Marco, Bruschi Maurizio An Update on Antibodies to Nucleosome Components as Biomarkers of Systemic Lupus Erythematosus and of Lupus Flares INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2019;20 (22): 5799. [IF grezzo: 4.183; IF Minist: 6].
- 57) Granata Claudio, Sorantin Erich, Seuri Raija, Owens Catherine M European Society of Paediatric Radiology Computed Tomography and Dose Task Force: European guidelines on diagnostic reference levels for paediatric imaging PEDIATRIC RADIOLOGY 2019;49 (5): 702-705. [IF grezzo: 2.022; IF Minist: 3.2].
- 58) Grandone Anna, Marzuillo Pierluigi, Patti Giuseppa, Perrotta Silverio, Maghnie Mohamad Changing the diagnostic approach to diabetes insipidus: role of copeptin Annals of Translational Medicine 2019;7 (Suppl 8): S285. [IF grezzo: 3.689; IF Minist: 4].

- 59) Hiort O., Cools M., Springer A., McElreavey K., Greenfield A., Wudy S.A., Kulle A., Ahmed S.F., Dessens A., Balsamo A., Maghnie Mohamad, Bonomi M., Dattani M., Persani L., Audi L., (Endo-ERN) on behalf of COST Actions DSDnet and GnRH Network as well as the European Reference Network for Rare Endocrine Conditions Addressing gaps in care of people with conditions affecting sex development and maturation *Nature Reviews Endocrinology* 2019;15 (10): 615-622. [IF grezzo: 24.646; IF Minist: 12.323].
- 60) Iacusso Chiara, Leonelli Lorenzo, Valfrè Laura, Conforti Andrea, Fusaro Fabio, Iacobelli Barbara Daniela, Bozza Patrizia, Morini Francesco, Mattioli Girolamo, Bagolan Pietro Minimally Invasive Techniques for Hirschsprung Disease *Journal of Laparoendoscopic & Advanced Surgical Techniques* 2019;29 (12): 1605-1608. [IF grezzo: 1.322; IF Minist: 1.2].
- 61) Italian Registry of Pediatric Chronic Dialysis Gruppo, Vidal Enrico, Alberici Irene, Verrina Enrico Eugenio Acute pancreatitis in children on chronic maintenance dialysis *PEDIATRIC NEPHROLOGY* 2019;34 (9): 1501-1512. [IF grezzo: 2.816; IF Minist: 4.8].
- 62) Khraishi Majed, Millson Brad, Woolcott John, Jones Heather, Marshall Lisa, Ruperto Nicolino Reduction in the utilization of prednisone or methotrexate in Canadian claims data following initiation of etanercept in pediatric patients with juvenile idiopathic arthritis *Pediatric Rheumatology* 2019;17 (1): 64. [IF grezzo: 2.673; IF Minist: 3.6].
- 63) Ley D., Hallberg B., Hansen-Pupp I., Dani C., ramenghi luca antonio, Marlow N., Beardsall K., Bhatti F., Dunger D., Higginson J.D., Mahaveer A., Mezu-Ndubuisi O.J., Reynolds P., Giannantonio C., van Weissenbruch M., Barton N., Tocoian A., Hamdani M., Jochim E., Mangili A., Chung J.-K., Turner M.A., Smith L.E.H., Hellström A., team on behalf of the study rhIGF-1/rhIGFBP-3 in Preterm Infants: A Phase 2 Randomized Controlled Trial *JOURNAL OF PEDIATRICS* 2019;206: 56-65. [IF grezzo: 3.739; IF Minist: 1.8].
- 64) Maggiore Rosario, Viglizzo Gianmaria, Occella Corrado, Bleidl Dario, Coccia Maria Cristina, MANUNZA FRANCESCA Pemphigus herpetiformis resistant to first line therapy. A rare case in childhood. *GIORNALE ITALIANO DI DERMATOLOGIA E VENEREOLOGIA* 2019;154 (4): 499-501. [IF grezzo: 0.967; IF Minist: 0.5].
- 65) Maghnie Mohamad, Barbetti Fabrizio MEHMO syndrome and the link between brain, pituitary and pancreas *EBioMedicine* 2019;42: 26-27. [IF grezzo: 6.68; IF Minist: 6].
- 66) Marchesini Vanessa, Disma Nicola Anaesthetic neuroprotection in children: does it exist or is it just bad? *Current Opinion in Anesthesiology* 2019;32 (3): 363-369. [IF grezzo: 2.102; IF Minist: 2].
- 67) Martini Alberto, Ravelli Angelo, Avcin Tadej, Beresford Michael W, Burgos-Vargas Ruben, Cuttica Ruben, Ilowite Norman T, Khubchandani Raju, Laxer Ronald M, Lovell Daniel J, Petty Ross E, Wallace Carol A, Wulffraat Nico M, Pistorio Angela, Pediatric Rheumatology International Trials Organization (PRINTO) Gruppo, Ruperto Nicolino Toward New Classification Criteria for Juvenile Idiopathic Arthritis *JOURNAL OF RHEUMATOLOGY* 2019;46 (2): 190-197. [IF grezzo: 3.634; IF Minist: 3.2].
- 68) Massarotti Claudia, Stagnaro Nicola, Pastorino Daniela Uterine rupture with placental extrusion during the third stage of labour after an apparently uneventful delivery *JOURNAL OF OBSTETRICS AND GYNAECOLOGY* 2019;39 (4): 547-548. [IF grezzo: 0.588; IF Minist: 0.5].
- 69) Matos J., Orazi C., Sertorio F., Magnano Gian Michele, Toma P., Granata Claudio Imaging of diseases of the vagina and external genitalia in children *PEDIATRIC RADIOLOGY* 2019;49 (6): 827-834. [IF grezzo: 2.022; IF Minist: 4].
- 70) Memeo A, Panuccio E, D'Amato R D, Colombo M, Boero Silvio, Andreatchio A, Origo C, Pedretti L Retrospective, multicenter evaluation of complications in the treatment of diaphyseal femur fractures in pediatric patients *INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED* 2019;50 Suppl 4: S60-S63. [IF grezzo: 1.834; IF Minist: 2].

- 71) Minchiotti Lorenzo, Caridi Gianluca, Campagnoli Monica, Lugani Francesca, Galliano Monica, Kragh-Hansen Ulrich Diagnosis, Phenotype, and Molecular Genetics of Congenital Analbuminemia *Frontiers in Genetics* 2019;10: 336. [IF grezzo: 3.517; IF Minist: 4].
- 72) Miskovic Alice, Johnson Mae, Frost Louise, Fernandez Elena, Pistorio Angela, Disma Nicola A prospective observational cohort study on the incidence of postoperative sore throat in the pediatric population *PEDIATRIC ANESTHESIA* 2019;29 (12): 1179-1185. [IF grezzo: 2.037; IF Minist: 4].
- 73) Molinaro Francesco, Angotti Rossella, Bindi Edoardo, Pellegrino Chiara, Fusi Giulia, Luzzi Luca, Tosi Nicola, Messina Mario, Mattioli Girolamo Low Weight Child: Can It Be Considered a Limit of Robotic Surgery? Experience of Two Centers *Journal of Laparoendoscopic & Advanced Surgical Techniques* 2019;29 (5): 698-702. [IF grezzo: 1.322; IF Minist: 2].
- 74) Moscatelli Andrea, Febbo Francesca, Buratti Silvia, Pezzato Stefano, Bagnasco Francesca, Lampugnani Elisabetta, Nuri Halkawt, Buffelli Francesca, Grasso Chiara, Castagnola Elio Intensivists Performed Percutaneous Bicaval Double-Lumen Echo-Guided Extracorporeal Membrane Oxygenation Cannulation at Bedside in Newborns and Children *Pediatric Critical Care Medicine* 2019;20 (6): 551-559. [IF grezzo: 2.798; IF Minist: 6].
- 75) Muntau Ania C, Adams Darius J, Bélanger-Quintana Amaya, Bushueva Tatiana V, Cerone Roberto, Chien Yin-Hsiu, Chiesa Ana, Cočkun Turgay, de Las Heras Javier, Feillet François, Katz Rachel, Lagler Florian, Piazzon Flavia, Rohr Fran, van Spronsen Francjan J, Vargas Paula, Wilcox Gisela, Bhattacharya Kaustuv International best practice for the evaluation of responsiveness to sapropterin dihydrochloride in patients with phenylketonuria *MOLECULAR GENETICS AND METABOLISM* 2019;127 (1): 1-11. [IF grezzo: 3.61; IF Minist: 2.4].
- 76) Neonatal Transport Study Group of the Italian Society of Neonatology (SIN) Gruppo, Gente Maurizio, Aufieri Roberto, Agostino Rocco, Fedeli Tiziana, Calevo Maria Grazia, Massirio Paolo, Bellini Carlo Nationwide survey of neonatal transportation practices in Italy *Italian Journal of Pediatrics* 2019;45 (1): 51. [IF grezzo: 1.726; IF Minist: 3.2].
- 77) Nuovo S, Fuiano L, Micalizzi A, Battini R, Bertini E, Borgatti R, Caridi Gianluca, Fazzi E, Fischetto R, Ghiggeri Gian Marco, Giordano L, Leuzzi V, Romaniello R, Signorini S, Stringini G, Zanni G, Romani M, Valente EM, Emma F Impaired urinary concentration ability is a sensitive predictor of renal disease progression in Joubert syndrome *NEPHROLOGY DIALYSIS TRANSPLANTATION* 2018;33 (11): gfy333. [IF grezzo: 4.198; IF Minist: 4.8].
- 78) Olcese Roberta, Silvestri Michela, Del Barba Paolo, Brolatti Noemi, Barberi Salvatore, Tosca Maria Angela, Ciprandi Giorgio Mal d 1 and Bet v 1 sensitization pattern in children with Pollen Food Syndrome *ALLERGOLOGY INTERNATIONAL* 2019;68 (1): 122-124. [IF grezzo: 3.965; IF Minist: 2].
- 79) Paediatric Rheumatology International Trials Organisation (PRINTO) Gruppo, Foeldvari Ivan, Constantin Tamàs, Vojinovi Jelena, Horneff Gerd, Chasnyk Vyacheslav, Dehoorne Joke, Panaviene Violeta, Sušič Gordana, Stanevicha Valda, Kobusinska Katarzyna, Zuber Zbigniew, Dobrzyniecka Bogna, Nikishina Irina, Bader-Meunier Brigitte, Breda Luciana, Doležalová Pavla, Job-Deslandre Chantal, Rumba-Rozenfelde Ingrida, Wulffraat Nico, Pedersen Ronald D, Bukowski Jack F, Vlahos Bonnie, Martini Alberto, Ruperto Nicolino Etanercept treatment for extended oligoarticular juvenile idiopathic arthritis, enthesitis-related arthritis, or psoriatic arthritis *ARTHRITIS RESEARCH & THERAPY* 2019;21 (1): 125. [IF grezzo: 4.148; IF Minist: 3.6].
- 80) Paglialonga F., Vidal E., Pecoraro C., Guzzo I., Giordano M., Gianoglio B., Corrado C., Roperto R., Ratsch I., Luzio S., Murer L., Consolo S., Pieri G., Montini G., Edefonti A., Verrina Enrico Eugenio Haemodiafiltration use in children: data from the Italian Pediatric Dialysis Registry *PEDIATRIC NEPHROLOGY* 2019;34 (6): 1057-1063. [IF grezzo: 2.816; IF Minist: 4.8].

- 81) Paladini Dario, Donarini Gloria, Conti A, De Angelis Costanza, Witte M H, Genesisio R, Bernas M, Bellini Tommaso, Boccardo F, ramenghi luca antonio, Bellini Carlo Early fetal hydropic changes are associated with moderate dilatation of the brain ventricular system LYMPHOLOGY 2019;52 (1): 11-17. [IF grezzo: 0.674; IF Minist: 1].
- 82) Paladini Dario, Donarini Gloria, Parodi Stefano, Chaoui R Differentiating features of posterior fossa at 12-13 weeks' gestation in fetuses with Dandy-Walker malformation and Blake's pouch cyst ULTRASOUND IN OBSTETRICS & GYNECOLOGY 2019;53 (6): 850-852. [IF grezzo: 5.595; IF Minist: 3].
- 83) Paladini Dario, Donarini Gloria, Parodi Stefano, Volpe G, Sglavo G, Fulcheri Ezio Hindbrain morphometry and choroid plexus position in differential diagnosis of posterior fossa cystic malformations ULTRASOUND IN OBSTETRICS & GYNECOLOGY 2019;54 (2): 207-214. [IF grezzo: 5.595; IF Minist: 6].
- 84) Paladini Dario, Donarini Gloria, Rossi Andrea Indications for MRI in fetal isolated mild ventriculomegaly. "And then, there were none" ULTRASOUND IN OBSTETRICS & GYNECOLOGY 2019;54 (2): 151-155. [IF grezzo: 5.595; IF Minist: 6].
- 85) Palmieri Antonella, Fulcheri Ezio, Nozza Paolo, Ceriolo Paola, Aiello Chiara, Ferrando Alberto, Costabel Simona, Morasso Stefania, Cagliaris Sergio, Ventura Francesco Sudden infant death syndrome MINERVA PEDIATRICA 2019;71 (2): 196-200. [IF grezzo: 0.832; IF Minist: 0.5].
- 86) Paraboschi Irene, Fati Federica, Rizzo Francesca, Sacco Oliviero, Stagnaro Nicola, Mattioli Girolamo, Simonini Alessandro, Mazzei Oscar, Torre Michele Ectopic Thymus: An unusual case of subglottic mass. ANNALS OF OTOLOGY RHINOLOGY AND LARYNGOLOGY 2019;128 (12): 1182-1188. [IF grezzo: 1.458; IF Minist: 1].
- 87) Pardeo M., Wang J., Ruperto Nicolino, Alexeeva E., Chasnyk V., Schneider R., Horneff G., Huppertz H.-I., Minden K., Onel K., Zemel L., Martin A., Koné-Paut I., Siamopoulou-Mavridou A., Silva C.A., Porter-Brown B., Bharucha K.N., Brunner H.I., De Benedetti F., (PRCSG) for the Paediatric Rheumatology International Trials Organisation (PRINTO) and the Pediatric Rheumatology Collaborative Study Group Neutropenia during tocilizumab treatment is not associated with infection risk in systemic or polyarticular-course juvenile idiopathic arthritis JOURNAL OF RHEUMATOLOGY 2019;46 (9): 1117-1126. [IF grezzo: 3.634; IF Minist: 1.2].
- 88) Parodi Alessandro, Malova Mariya, Cardiello Valentina, Raffa Sarah, Re Martina, Calevo Maria Grazia, Severino Mariasavina, Tortora Domenico, morana giovanni, Rossi Andrea, ramenghi luca antonio Punctate white matter lesions of preterm infants: Risk factor analysis EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY 2019;23 (5): 733-739. [IF grezzo: 2.496; IF Minist: 6].
- 89) Parodi Stefano, Pistorio Angela, Erminio Giovanni, Ognibene Marzia, Morini Martina, Garaventa Alberto, Gigliotti Anna Rita, Haupt Riccardo, Frassoni Francesco, Pezzolo Annalisa Loss of whole chromosome X predicts prognosis of neuroblastoma patients with numerical genomic profile PEDIATRIC BLOOD & CANCER 2019;66 (5): e27635. [IF grezzo: 2.486; IF Minist: 6].
- 90) Patti G., Noli S., Capalbo D., Allegri Anna Elsa Maria, NAPOLI FLAVIA, Cappa M., Ubertini G.M., Gallizia Annalisa, Notarnicola Sara, Ibba A., Crocco M., Parodi Stefano, Salerno M., Loche S., Garrè Maria Luisa, Tornari E., Maghnie Mohamad, Di Iorgi Natascia Accuracy and limitations of the growth hormone (GH) releasing hormone-arginine retesting in young adults with childhood-onset GH deficiency Frontiers in Endocrinology 2019;10: 525. [IF grezzo: 3.634; IF Minist: 4].
- 91) Patti G., Scianguetta S., Roberti D., Di Mascio A., Balsamo A., Brugnara M., Cappa M., Casale M., Cavarzere P., Cipriani S., Corbetta S., Gaudino R., Iughetti L., Martini L., NAPOLI FLAVIA, Peri A., Salerno M.C., Salerno R., Passeri E., Maghnie Mohamad, Perrotta S., Di Iorgi Natascia Familial neurohypophyseal diabetes insipidus in 13 kindreds and 2 novel mutations in the vasopressin gene EUROPEAN JOURNAL OF ENDOCRINOLOGY 2019;181 (3): 233-244. [IF grezzo: 5.107; IF Minist: 6].

- 92) Paudice Michele, Penuela Leonardo Alett, Torielli Flaminia, Spina Bruno, Remorgida Valentino, Buffelli Francesca, Fulcheri Ezio, Arioni Cesare, Vellone Valerio Gaetano Giant Hepatic Hemangioma and Placental Chorangiosis Fetal and Pediatric Pathology 2019;38 (2): 175-181. [IF grezzo: 0.626; IF Minist: 0.5].
- 93) Penuela Leonardo Alett, Fulcheri Ezio, Vellone V.G., Fiocca R., Vigliercio G.M., Raiteri R., Ferrero S. Atomic force microscopy: a promising aid in diagnosis of uterine smooth muscle neoplasms AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY 2019;221 (4): 362-364. [IF grezzo: 6.12; IF Minist: 3].
- 94) Persano Giorgio, Cantone Noemi, Pani Elisa, Ciardini Enrico, Noccioli Bruno Heterotopic pancreas in the gastrointestinal tract in children Italian Journal of Pediatrics 2019;45 (1): 142. [IF grezzo: 1.726; IF Minist: 4].
- 95) Pini Prato Alessio, Arnoldi Rossella, Sgrò Alberto, Felici Enrico, Racca Fabrizio, Nozza Paolo, Mariani Narciso, Mosconi Manuela, mazzola cinzia, Mattioli Girolamo Hirschsprung disease and Down syndrome: From the reappraisal of risk factors to the impact of surgery JOURNAL OF PEDIATRIC SURGERY 2019;54 (9): 1838-1842. [IF grezzo: 2.092; IF Minist: 4].
- 96) Pini Prato Alessio, Bartow-McKenney Casey, Hudspeth Kelly, Mosconi Manuela, Rossi Valentina, Avanzini Stefano, Faticato Maria G, Ceccherini Isabella, Lantieri Francesca, Mattioli Girolamo, Larson Denise, Pavan William, De Filippo Carlotta, Di Paola Monica, Mavilio Domenico, Cavalieri Duccio A Metagenomics Study on Hirschsprung's Disease Associated Enterocolitis. Biodiversity and Gut Microbial Homeostasis Depend on Resection Length and Patient's Clinical History Frontiers in Pediatrics 2019;7: 326. [IF grezzo: 2.349; IF Minist: 4].
- 97) Pio L., Boccardo F., Avanzini Stefano, Paraboschi I., Granata Claudio, Garaventa Alberto, Dessalvi S., Martucciello Giuseppe, Mattioli Girolamo Conservative management of chylous ascites after oncological surgery for peripheral neuroblastic tumors in pediatric patients LYMPHOLOGY 2019;52 (1): 25-34. [IF grezzo: 0.674; IF Minist: 1].
- 98) Prayer Daniela, Paladini Dario, Deprest Jan Current Controversies in Prenatal Diagnosis 1: Should MRI be performed on all fetuses with mild ventriculomegaly? PRENATAL DIAGNOSIS 2019;39 (5): 331-338. [IF grezzo: 2.434; IF Minist: 2.4].
- 99) Riganti Simone, Coppa Valentino, Nasto Luigi Aurelio, Di Stadio Mauro, Calevo Maria Grazia, Gigante Antonio Pompilio, Boero Silvio Treatment of complex foot deformities with hexapod external fixator in growing children and young adult patients Foot and Ankle Surgery 2019;25 (5): 623-629. [IF grezzo: 1.363; IF Minist: 2].
- 100) Riganti Simone, Nasto Luigi Aurelio, Mannino Salvatore, Marre-Brunenghi Giorgio, Boero Silvio Correction of complex lower limb angular deformities with or without length discrepancy in children using the TL-HEX hexapod system JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B 2019;28 (3): 214-220. [IF grezzo: 0.74; IF Minist: 1].
- 101) Santucci Laura, Bruschi Maurizio, Del Zotto Genny, Antonini Francesca, Ghiggeri Gian Marco, Panfoli Isabella, Candiano Giovanni Biological surface properties in extracellular vesicles and their effect on cargo proteins Scientific Reports 2019;9 (1): 13048. [IF grezzo: 4.011; IF Minist: 6].
- 102) Sartini Chiara, Lomivorotov Vladimir, Pisano Antonio, Riha Hynek, Baiardo Redaelli Martina, Lopez-Delgado Juan Carlos, Pieri Marina, Hajjar Ludhmila, Fominskiy Evgeny, Likhvantsev Valery, Cabrini Luca, Bradic Nikola, Avancini Daniele, Wang Chew Yin, Lembo Rosalba, Novikov Maxim, Paternoster Gianluca, Gazivoda Gordana, Alvaro Gabriele, Roasio Agostino, Wang Chengbin, Severi Luca, Pasin Laura, Mura Paolo, Musu Mario, silvetti simona, Votta Carmine Domenico, Belletti Alessandro, Corradi Francesco, Brusasco Claudia, Tamà Simona, Ruggeri Laura, Yong Chow-Yen, Pasero Daniela, Mancino Giuseppe, Spadaro Savino, Conte Massimiliano, Lobreglio Rosetta, Di Fraja Diana, Saporito Emanuela, D'Amico Alessandro, Sardo Salvatore, Ortalda Alessandro, Yavorovskiy Andrey, Riefolo Claudio, Monaco Fabrizio, Bellomo Rinaldo, Zangrillo Alberto, Landoni Giovanni A Systematic

- Review and International Web-Based Survey of Randomized Controlled Trials in the Perioperative and Critical Care Setting JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA 2019;33 (10): 2685-2694. [IF grezzo: 1.882; IF Minist: 1.2].
- 103) Scapigliati Andrea, Ristagno Giuseppe, Grieco Niccolò Brenno, Boccuzzi Adriana, Scelsi Silvia, Di Marco Samantha, Panzarino Brigida, Copetti Serena, Tumolo Miriam, Semeraro Federico A system to save lives in Italy. A cultural challenge for community and government. RESUSCITATION 2019;142: 25-27. [IF grezzo: 4.572; IF Minist: 3].
- 104) Scott Christiaan, Chan Mercedes, Slamang Waheba, Okong'o Lawrence, Petty Ross, Laxer Ronald M, Katsicas María-Martha, Fredrick Francis, Chipeta James, Faller Gail, Pileggi Gecilmara, Saad-Magalhaes Claudia, Wouters Carine, Foster Helen E, Kubchandani Raju, Ruperto Nicolino, Russo Ricardo Juvenile arthritis management in less resourced countries (JAMLess) CLINICAL RHEUMATOLOGY 2019;38 (2): 563-575. [IF grezzo: 2.293; IF Minist: 1].
- 105) Semeraro F., Ristagno G., Giulini G., Kayal J.S., Cavallo P., Farabegoli L., Tucci R., Scelsi Silvia, Grieco N.B., Scapigliati A. Back to reality: A new blended pilot course of Basic Life Support with Virtual Reality RESUSCITATION 2019;138: 18-19. [IF grezzo: 4.572; IF Minist: 3].
- 106) Sertorio Fiammetta, Wong Michela Cing Yu, Incarbone Veronica, Pistorio Angela, Mattioli Girolamo, Magnano Gian Michele, damasio maria beatrice Non-contrast-enhanced magnetic resonance angiography for detecting crossing renal vessels in infants and young children PEDIATRIC RADIOLOGY 2019;49 (1): 105-113. [IF grezzo: 2.022; IF Minist: 4].
- 107) SIGENP IBD Working Group Gruppo, Bramuzzo Matteo, arrigo serena, Romano Claudio, Filardi Maria Chiara, Lionetti Paolo, Agrusti Anna, Dipasquale Valeria, Paci Monica, Zuin Giovanna, Aloï Marina, Strisciuglio Caterina, Miele Erasmo, Pastore Maria, Martellosi Stefano, Alvisi Patrizia Efficacy and safety of infliximab in very early onset inflammatory bowel disease United European Gastroenterology Journal 2019;7 (6): 759-766. [IF grezzo: 3.453; IF Minist: 2].
- 108) Silvestri Michela, Sacco Oliviero, Rossi Giovanni A More on the impact of American Academy of Pediatrics palivizumab guidance for infants with respiratory syncytial virus infection JOURNAL OF PEDIATRICS 2019;212: 247. [IF grezzo: 3.739; IF Minist: 3].
- 109) Simonini Alessandro, Brogi E, Calevo Maria Grazia, Carron M Sugammadex for reversal of neuromuscular blockade in paediatric patients Anaesthesia Critical Care & Pain Medicine 2019;38 (5): 529-531. [IF grezzo: 2.734; IF Minist: 1].
- 110) Spreafico F., Quarello P., Alaggio R., Collini P., Haupt Riccardo, Mastronuzzi A., Prete A., Rabusin M., Rizzari C., Schumacher F., Zecca M., Pession A., Fagioli F. Nationwide central diagnosis review for childhood solid tumors: From concept to realization of an Associazione Italiana Ematologia Oncologia Pediatrica (AIEOP) integrated project PEDIATRIC BLOOD & CANCER 2019;66 (8): e27749. [IF grezzo: 2.486; IF Minist: 3].
- 111) Study Group of Intrapartum Fetal Monitoring (European Association of Perinatal Medicine) Gruppo, Amer-Wåhlin Isis, Ugwumadu Austin, Yli Branka M, Kwee Anneke, Timonen Susanna, Cole Vanessa, Ayres-de-Campos Diogo, Roth Georges-Emmanuel, Schwarz Christiane, ramenghi luca antonio, Todros Tullia, Ehlinger Virginie, Vayssiere Christophe Fetal electrocardiography ST-segment analysis for intrapartum monitoring AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY 2019;221 (6): 577-601.e11. [IF grezzo: 6.12; IF Minist: 3].
- 112) Szmuk Peter, Andropoulos Dean, McGowan Francis, Brambrink Ansgar, Lee Christopher, Lee Katherine J, McCann Mary Ellen, Liu Yang, Saynalath Rita, Bong Choon Looi, Anderson Brian J, Berde Charles, De Graaff Jurgen C, Disma Nicola, Kurth Dean, Loepke Andreas, Orser Beverley, Sessler Daniel I, Skowno Justin J, von Ungern-Sternberg Britta S, Vutskits Laszlo, Davidson Andrew An open label pilot study of a dexmedetomidine-remifentanil-caudal anesthetic for infant lower abdominal/lower extremity surgery PEDIATRIC ANESTHESIA 2019;29 (1): 59-67. [IF grezzo: 2.037; IF Minist: 2].

- 113) Tarantino Vincenzo, Savaia V, D'Agostino Roberto, Silvestri Michela, Passali F M, Di Girolamo S, Ciprandi G Bacteriotherapy in children with recurrent upper respiratory tract infections European Review for Medical and Pharmacological Sciences 2019;23 (1 Suppl): 39-43. [IF grezzo: 2.721; IF Minist: 4].
- 114) Tomà P., Bartoloni A., Salerno S., Granata Claudio, Cannatà V., Magistrelli A., Arthurs O.J. Protecting sensitive patient groups from imaging using ionizing radiation: effects during pregnancy, in fetal life and childhood Radiologia Medica 2019;124 (8): 736-744. [IF grezzo: 1.42; IF Minist: 0.6].
- 115) Tomà P., Esposito F., Granata Claudio, Paolantonio G., Terranova M.C., Lo Re G., Ferrara D., Rollo M., Zeccolini M., Salerno S. Up-to-date imaging review of paediatric soft tissue vascular masses, focusing on sonography Radiologia Medica 2019;124 (10): 935-945. [IF grezzo: 1.42; IF Minist: 0.5].
- 116) Torre Michele, Paraboschi Irene, Loy Anna, Mesini Alessio, Pistorio Angela, Simonini Alessandro, Mattioli Girolamo, Mazzei Oscar, Piro Liliana, Bandettini Roberto, Castagnola Elio Prolonged antibiotic administration for surgical site infection in pediatric laryngotracheal surgery LARYNGOSCOPE 2019;129 (11): 2634-2639. [IF grezzo: 2.343; IF Minist: 4].
- 117) Tosca Maria Angela, Duse M., Marseglia G., Ciprandi G., "Control'Asma" Study Group. The practical clinical relevance of rhinitis classification in children with asthma; outcomes of the "Control'Asma" study ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY 2019;123 (5): 516-519. [IF grezzo: 3.56; IF Minist: 2].
- 118) Ventura Francesco, Barranco Rosario, Buffelli Francesca, Fulcheri Ezio, Palmieri Antonella Unexpected Infant Death Due to Undiagnosed Biliary Atresia AMERICAN JOURNAL OF FORENSIC MEDICINE AND PATHOLOGY 2019;40 (4): 399-402. [IF grezzo: 0.539; IF Minist: 0.5].
- 119) Verbitsky Miguel, Westland Rik, Perez Alejandra, Kiryluk Krzysztof, Liu Qingxue, Krithivasan Priya, Mitrotti Adele, Fasel David A, Batourina Ekaterina, Sampson Matthew G, bodria monica, Werth Max, Kao Charlly, Martino Jeremiah, Capone Valentina P, Vivante Asaf, Shril Shirlee, Kil Byum Hee, Marasà Maddalena, Zhang Jun Y, Na Young-Ji, Lim Tze Y, Ahram Dina, Weng Patricia L, Heinzen Erin L, Carrea Alba Maria, Piaggio Giorgio, Gesualdo Loreto, Manca Valeria, Masnata Giuseppe, Gigante Maddalena, Cusi Daniele, Izzi Claudia, Scolari Francesco, van Wijk Joanna A E, Saraga Marijan, Santoro Domenico, Conti Giovanni, Zamboli Pasquale, White Hope, Drozd Dorota, Zachwieja Katarzyna, Miklaszewska Monika, Tkaczyk Marcin, Tomczyk Daria, Krakowska Anna, Sikora Przemyslaw, Jarmoliński Tomasz, Borszewska-Kornacka Maria K, Pawluch Robert, Szczepanska Maria, Adamczyk Piotr, Mizerska-Wasiak Malgorzata, Krzemien Grazyna, Szmigielska Agnieszka, Zaniew Marcin, Dobson Mark G, Darlow John M, Puri Prem, Barton David E, Furth Susan L, Warady Bradley A, Gucev Zoran, Lozanovski Vladimir J, Tasic Velibor, Pisani Isabella, Allegri Landino, Rodas Lida M, Campistol Josep M, Jeanpierre Cécile, Alam Shumyle, Casale Pasquale, Wong Craig S, Lin Fangming, Miranda Débora M, Oliveira Eduardo A, Simões-E-Silva Ana Cristina, Barasch Jonathan M, Levy Brynn, Wu Nan, Hildebrandt Friedhelm, Ghiggeri Gian Marco, Latos-Bielenska Anna, Materna-Kiryluk Anna, Zhang Feng, Hakonarson Hakon, Papaioannou Virginia E, Mendelsohn Cathy L, Gharavi Ali G, Sanna-Cherchi Simone The copy number variation landscape of congenital anomalies of the kidney and urinary tract NATURE GENETICS 2019;51 (1): 117-127. [IF grezzo: 25.455; IF Minist: 20.364].
- 120) Verda Damiano, Parodi Stefano, Ferrari Enrico, Muselli Marco Analyzing gene expression data for pediatric and adult cancer diagnosis using logic learning machine and standard supervised methods BMC BIOINFORMATICS 2019;20 (Suppl 9): 390. [IF grezzo: 2.511; IF Minist: 6].
- 121) Watson T.A., Petit P., Augdal T.A., Avni E.F., Bruno C., damasio maria beatrice, Darge K., Kjucevsek D., Franchi-Abella S., Ibe D., Littooij A., Lobo L., Mentzel H.J., Napolitano M., Ntoulia A., Riccabona M., Stafrace S., Wozniak M., Ording Müller L.-S. European Society of Paediatric Radiology abdominal imaging task force: statement on imaging in very early onset inflammatory bowel disease PEDIATRIC RADIOLOGY 2019;49 (6): 841-848. [IF grezzo: 2.022; IF Minist: 2].

- 122) Wong M C Y, Sertorio F, damasio maria beatrice, Incarbone V, Beati F, bodria monica, Pistorio Angela, Ghiggeri Gian Marco, Magnano Gian Michele, Mattioli Girolamo Surgical validation of functional magnetic resonance urography in the study of ureteropelvic junction obstruction in a pediatric cohort *Journal of Pediatric Urology* 2019;15 (2): 168-175. [IF grezzo: 1.736; IF Minist: 4].
- 123) Zaghrini Christelle, Seitz-Polski Barbara, Justino Joana, Dolla Guillaume, Payré Christine, Jourde-Chiche Noémie, Van de Logt Anne-Els, Booth Caroline, Rigby Emma, Lonnbro-Widgren Jennie, Nystrom Jenny, Mariat Christophe, Cui Zhao, Wetzels Jack F M, Ghiggeri Gian Marco, Beck Laurence H, Ronco Pierre, Debiec Hanna, Lambeau Gérard Novel ELISA for thrombospondin type 1 domain-containing 7A autoantibodies in membranous nephropathy *KIDNEY INTERNATIONAL* 2019;95 (3): 666-679. [IF grezzo: 8.306; IF Minist: 3.6].