Bonfanti Riccardo

List of Publications by Year
in descending order

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113 papers	3,917 citations	172457 29 h-index	133252 59 g-index
117 all docs	117 docs citations	117 times ranked	4569 citing authors

#	Article	IF	Citations
1	Occurrence of Celiac Disease After Onset of Type 1 Diabetes: A 6-Year Prospective Longitudinal Study. Pediatrics, 2002, 109, 833-838.	2.1	231
2	The laparoscopic mini-gastric bypass: the Italian experience: outcomes from 974 consecutive cases in a multicenter review. Surgical Endoscopy and Other Interventional Techniques, 2014, 28, 156-163.	2.4	213
3	Clinical and molecular profile of a new series of patients with immune dysregulation, polyendocrinopathy, enteropathy, X-linked syndrome: Inconsistent correlation between forkhead box protein 3 expression and disease severity. Journal of Allergy and Clinical Immunology, 2008, 122, 1105-1112.e1.	2.9	199
4	Has COVID-19 Delayed the Diagnosis and Worsened the Presentation of Type 1 Diabetes in Children?. Diabetes Care, 2020, 43, 2870-2872.	8.6	182
5	Reduction of Circulating Neutrophils Precedes and Accompanies Type 1 Diabetes. Diabetes, 2013, 62, 2072-2077.	0.6	177
6	Minimal incidence of neonatal/infancy onset diabetes in Italy is 1:90,000 live births. Acta Diabetologica, 2012, 49, 405-408.	2.5	130
7	Insulin Gene Mutations as Cause of Diabetes in Children Negative for Five Type 1 Diabetes Autoantibodies. Diabetes Care, 2009, 32, 123-125.	8.6	126
8	Duodenal Mucosa of Patients With Type 1 Diabetes Shows Distinctive Inflammatory Profile and Microbiota. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1468-1477.	3.6	122
9	Effectiveness and safety of long-term treatment with sulfonylureas in patients with neonatal diabetes due to KCNJ11 mutations: an international cohort study. Lancet Diabetes and Endocrinology,the, 2018, 6, 637-646.	11.4	120
10	Evidence for In Vivo Primed and Expanded Autoreactive T Cells as a Specific Feature of Patients with Type 1 Diabetes. Journal of Immunology, 2007, 179, 5785-5792.	0.8	116
11	Combined analysis of autoantibodies improves prediction of IDDM in islet cell antibody-positive relatives. Diabetes, 1994, 43, 1304-1310.	0.6	109
12	Insulin resistance and whole body energy homeostasis in obese adolescents with fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E697-E703.	3.5	105
13	Persistent Renal Hypertrophy and Faster Decline of Glomerular Filtration Rate Precede the Development of Microalbuminuria in Type 1 Diabetes. Diabetes, 2006, 55, 2620-2625.	0.6	89
14	Efficacy of Bariatric Surgery in Type 2 Diabetes Mellitus Remission: the Role of Mini Gastric Bypass/One Anastomosis Gastric Bypass and Sleeve Gastrectomy at 1ÂYear of Follow-up. A European survey. Obesity Surgery, 2016, 26, 933-940.	2.1	85
15	Abnormal neutrophil signature in the blood and pancreas of presymptomatic and symptomatic type 1 diabetes. JCI Insight, 2018, 3, .	5.0	85
16	Association of IA-2 autoantibodies with HLA DR4 phenotypes in IDDM. Diabetologia, 1996, 39, 1223-1226.	6.3	84
17	Antibodies to tissue transglutaminase C in Type I diabetes. Diabetologia, 1999, 42, 1195-1198.	6.3	84
18	Randomized Summer Camp Crossover Trial in 5- to 9-Year-Old Children: Outpatient Wearable Artificial Pancreas Is Feasible and Safe. Diabetes Care, 2016, 39, 1180-1185.	8.6	79

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19	Permanent diabetes during the first year of life: multiple gene screening in 54 patients. Diabetologia, 2011, 54, 1693-1701.	6.3	63
20	Sulfonylurea treatment outweighs insulin therapy in short-term metabolic control of patients with permanent neonatal diabetes mellitus due to activating mutations of the KCNJ11 (KIR6.2) gene. Diabetologia, 2006, 49, 2210-2213.	6.3	55
21	Growth Changes in Children and Adolescents With Short-Term Diabetes. Diabetes Care, 1998, 21, 1226-1229.	8.6	48
22	Residual beta-cell function and spontaneous clinical remission in type 1 diabetes mellitus: the role of puberty. Acta Diabetologica, 1998, 35, 91-95.	2.5	46
23	Capillary whole blood measurement of islet autoantibodies. Diabetes Care, 1999, 22, 275-279.	8.6	45
24	Time In Range in Children with Type 1 Diabetes Using Treatment Strategies Based on Nonautomated Insulin Delivery Systems in the Real World. Diabetes Technology and Therapeutics, 2020, 22, 509-515.	4.4	43
25	Emerging Effects of Early Environmental Factors over Genetic Background for Type 1 Diabetes Susceptibility: Evidence from a Nationwide Italian Twin Study. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1483-E1491.	3.6	39
26	Type 1 diabetes onset in Lombardy region, Italy, during the COVID-19 pandemic: The double-wave occurrence. EClinicalMedicine, 2021, 39, 101067.	7.1	39
27	Six cases with severe insulin resistance (SIR) associated with mutations of insulin receptor: Is a Bartter-like syndrome a feature of congenital SIR?. Acta Diabetologica, 2013, 50, 951-957.	2.5	37
28	Two-Step Islet Autoantibody Screening for Risk Assessment of Type 1 Diabetes in Relatives. Diabetes Care, 1998, 21, 1445-1450.	8.6	36
29	Health-related quality of life and treatment preferences in adolescents with type 1 diabetes. The VIPKIDS study. Acta Diabetologica, 2014, 51, 43-51.	2.5	36
30	Serological Proteome Analysis (SERPA) as a tool for the identification of new candidate autoantigens in type 1 diabetes. Journal of Proteomics, 2013, 82, 263-273.	2.4	32
31	Association of interferon-Î³ and interleukin 10 genotypes and serum levels with partial clinical remission in type 1 diabetes. Clinical and Experimental Immunology, 2006, 145, 480-484.	2.6	31
32	No beta cell desensitisation after a median of 68Âmonths on glibenclamide therapy in patients with KCNJ11-associated permanent neonatal diabetes. Diabetologia, 2011, 54, 2736-2738.	6.3	30
33	Sensor-Augmented Pump Therapy in Very Young Children with Type 1 Diabetes: An Efficacy and Feasibility Observational Study. Diabetes Technology and Therapeutics, 2012, 14, 762-764.	4.4	30
34	Evaluating the Experience of Children With Type 1 Diabetes and Their Parents Taking Part in an Artificial Pancreas Clinical Trial Over Multiple Days in a Diabetes Camp Setting. Diabetes Care, 2016, 39, 2158-2164.	8.6	30
35	Prevalence and Correlations of Early Microvascular Complications in Young Type I Diabetic Patients: Role of Puberty. Journal of Pediatric Endocrinology and Metabolism, 1997, 10, 587-92.	0.9	29
36	Bone Modeling Indexes at Onset and During the First Year of Follow-Up in Insulin-Dependent Diabetic Children. Calcified Tissue International, 1997, 60, 397-400.	3.1	29

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37	A Multicenter Retrospective Survey regarding Diabetic Ketoacidosis Management in Italian Children with Type 1 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-6.	2.3	28
38	Successful treatment of young infants presenting neonatal diabetes mellitus with continuous subcutaneous insulin infusion before genetic diagnosis. Acta Diabetologica, 2016, 53, 559-565.	2.5	28
39	The role of socio-economic and clinical factors on HbA1c in children and adolescents with type 1 diabetes: an Italian multicentre survey. Pediatric Diabetes, 2017, 18, 241-248.	2.9	28
40	Growth and Insulin-Like Growth Factors (IGFs) in Children with Insulin-Dependent Diabetes Mellitus at the Onset of Disease: Evidence for Normal Growth, Age Dependency of the IGF System Alterations, and Presence of a Small (Approximately 18-Kilodalton) IGF-Binding Protein-3 Fragment in Serum. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4162-4167.	3.6	27
41	Accuracy of a CGM Sensor in Pediatric Subjects With Type 1 Diabetes. Comparison of Three Insertion Sites: Arm, Abdomen, and Gluteus. Journal of Diabetes Science and Technology, 2017, 11, 1147-1154.	2.2	27
42	Identical and Nonidentical Twins: Risk and Factors Involved in Development of Islet Autoimmunity and Type 1 Diabetes. Diabetes Care, 2019, 42, 192-199.	8.6	27
43	Use of Integrated Real-Time Continuous Glucose Monitoring/Insulin Pump System in Children and Adolescents with Type 1 Diabetes: A 3-Year Follow-Up Study. Diabetes Technology and Therapeutics, 2011, 13, 99-103.	4.4	26
44	High frequency of diabetic ketoacidosis at diagnosis of type 1 diabetes in Italian children: a nationwide longitudinal study, 2004â€“2013. Scientific Reports, 2016, 6, 38844.	3.3	26
45	Recommendations for self-monitoring in pediatric diabetes: a consensus statement by the ISPED. Acta Diabetologica, 2014, 51, 173-184.	2.5	25
46	Diabetes Technology and the Human Factor. Diabetes Technology and Therapeutics, 2014, 16, S-110-S-118.	4.4	25
47	Insulin therapy in neonatal diabetes mellitus: a review of the literature. Diabetes Research and Clinical Practice, 2017, 129, 126-135.	2.8	25
48	Diabetic ketoacidosis at the onset of disease during a national awareness campaign: a 2-year observational study in children aged 0â€“18 years. Archives of Disease in Childhood, 2020, 105, 363-366.	1.9	25
49	Frequency and correlates of severe hypoglycaemia in children and adolescents with diabetes mellitus. European Journal of Pediatrics, 1997, 156, 589-591.	2.7	23
50	No Evidence for Genetically Determined Alteration in Insulin Secretion or Sensitivity Predisposing to Type 1 Diabetes: A study of identical twins. Diabetes Care, 2005, 28, 1415-1418.	8.6	23
51	Insulin pump therapy in children and adolescents with type 1 diabetes: the Italian viewpoint. Acta Biomedica, 2008, 79, 57-64.	0.3	21
52	Survey on the use of insulin pumps in Italy: comparison between pediatric and adult age groups (IMITA) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	20
53	Socioeconomic Inequalities Increase the Probability of Ketoacidosis at Diagnosis of Type 1 Diabetes: A 2014â€“2016 Nationwide Study of 2,679 Italian Children. Frontiers in Pediatrics, 2020, 8, 575020.	1.9	19
54	Nicotinamide and insulin secretion in normal subjects. Diabetologia, 1993, 36, 675-677.	6.3	18

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55	Disseminated intravascular coagulation and severe peripheral neuropathy complicating ketoacidosis in a newly diagnosed diabetic child. Acta Diabetologica, 1994, 31, 173-174.	2.5	18
56	Combined analysis of IDDM-related autoantibodies in healthy schoolchildren. Lancet, The, 1994, 344, 756.	13.7	18
57	Continuous Subcutaneous Insulin Infusion in Italy: Third National Survey. Diabetes Technology and Therapeutics, 2015, 17, 96-104.	4.4	18
58	Identification of nephropathy predictors in urine from children with a recent diagnosis of type 1 diabetes. Journal of Proteomics, 2019, 193, 205-216.	2.4	18
59	Cardiovascular risk factors in children and adolescents with type 1 diabetes in Italy: a multicentric observational study. Pediatric Diabetes, 2020, 21, 1546-1555.	2.9	18
60	Effectiveness of a closedâ€loop control system and a virtual educational camp for children and adolescents with type 1 diabetes: A prospective, multicentre, realâ€life study. Diabetes, Obesity and Metabolism, 2021, 23, 2484-2491.	4.4	18
61	Necrobiosis Lipoidica Diabeticorum: A pediatric case report. Dermato-Endocrinology, 2014, 6, e983683.	1.8	17
62	Organization and regional distribution of centers for the management of children and adolescents with diabetes in Italy. Italian Journal of Pediatrics, 2015, 41, 74.	2.6	17
63	Insulin Pump Therapy Management in Very Young Children with Type 1 Diabetes Using Continuous Subcutaneous Insulin Infusion. Diabetes Technology and Therapeutics, 2009, 11, 707-709.	4.4	16
64	Endothelial Progenitor Cells Carrying Monocyte Markers Are Selectively Abnormal in Type 1 Diabetic Patients With Early Retinopathy. Diabetes, 2012, 61, 908-914.	0.6	16
65	Study of 2009 H1N1 Pandemic Influenza Virus as a Possible Causative Agent of Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4343-4356.	3.6	16
66	Reduced PD-1 expression on circulating follicular and conventional FOXP3+ Treg cells in children with new onset type 1 diabetes and autoantibody-positive at-risk children. Clinical Immunology, 2020, 211, 108319.	3.2	16
67	Parental evaluation of a telemonitoring service for children with Type 1 Diabetes. Journal of Telemedicine and Telecare, 2018, 24, 230-237.	2.7	15
68	Insulin pump failures in Italian children with Type 1 diabetes: retrospective 1â€year cohort study. Diabetic Medicine, 2017, 34, 621-624.	2.3	13
69	Differences between transient neonatal diabetes mellitus subtypes can guide diagnosis and therapy. European Journal of Endocrinology, 2021, 184, 575-585.	3.7	13
70	Case Report: Off-Label Liraglutide Use in Children With Wolfram Syndrome Type 1: Extensive Characterization of Four Patients. Frontiers in Pediatrics, 2021, 9, 755365.	1.9	12
71	Insulin pump breakdown and infusion set failure in Italian children with type 1 diabetes: A 1â€year prospective observational study with suggestions to minimize clinical impact. Diabetes, Obesity and Metabolism, 2018, 20, 2551-2556.	4.4	11
72	Optimal predictive low glucose management settings during physical exercise in adolescents with type 1 diabetes. Pediatric Diabetes, 2019, 20, 107-112.	2.9	11

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73	Hemoglobin A1c trajectories in the first 18 months after diabetes diagnosis in the <scp>SWEET</scp> diabetes registry. Pediatric Diabetes, 2022, 23, 228-236.	2.9	10
74	Efficacy of advanced hybrid closed loop systems for the management of type 1 diabetes in children. Minerva Pediatrics, 2022, 73, .	0.4	9
75	Future Perspectives in Glucose Monitoring Sensors. European Endocrinology, 2010, 9, 21.	1.5	9
76	The Silent Epidemic of Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes in Children and Adolescents in Italy During the COVID-19 Pandemic in 2020. Frontiers in Endocrinology, 0, 13, .	3.5	9
77	Is Fat Mass Accretion of Late Preterm Infants Associated with Insulin Resistance?. Neonatology, 2017, 111, 353-359.	2.0	8
78	Metabolic control and complications in Italian people with diabetes treated with continuous subcutaneous insulin infusion. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 335-342.	2.6	8
79	Expression of glucose transporters in duodenal mucosa of patients with type 1 diabetes. Acta Diabetologica, 2020, 57, 1367-1373.	2.5	8
80	Long-term complications of type 1 diabetes: what do we know and what do we need to understand?. Minerva Pediatrics, 2022, 73, .	0.4	8
81	Results of continuous glucose monitoring by GlucoWatchÂ® Biographer in a cohort of diabetic children and adolescents under real-life conditions. Pediatric Diabetes, 2003, 4, 57-58.	2.9	7
82	Pandemic influenza vaccination coverage in children with type 1 diabetes: Analysis from seven Italian centers. Hum Vaccin, 2011, 7, 1291-1292.	2.4	7
83	Decrease of Glomerular Hyperfiltration in Short-Term Diabetic Adolescents Without Microalbuminuria. Diabetes Care, 1993, 16, 120-124.	8.6	6
84	Patientsâ€™ evaluation of nocturnal hypoglycaemia with GlucoDay continuous glucose monitoring in paediatric patients. Acta Diabetologica, 2010, 47, 295-300.	2.5	6
85	Acidâ€“Base Problems in Diabetic Ketoacidosis. New England Journal of Medicine, 2015, 372, 1968-1970.	27.0	6
86	Autoantibody binding in liquid phase to IL-2 in human sera is not type 1 diabetes specific. Diabetologia, 2017, 60, 1834-1835.	6.3	5
87	Growth and Insulin-Like Growth Factors (IGFs) in Children with Insulin-Dependent Diabetes Mellitus at the Onset of Disease: Evidence for Normal Growth, Age Dependency of the IGF System Alterations, and Presence of a Small (Approximately 18-Kilodalton) IGF-Binding Protein-3 Fragment in Serum. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4162-4167.	3.6	5
88	The Pattern of Retinal Ganglion Cell Loss in Wolfram Syndrome is Distinct From Mitochondrial Optic Neuropathies. American Journal of Ophthalmology, 2022, 241, 206-216.	3.3	5
89	Combined Therapy with Insulin and Growth Hormone in 17 Patients with Type-1 Diabetes and Growth Disorders. Hormone Research in Paediatrics, 2014, 82, 53-58.	1.8	4
90	Altered Frequency and Phenotype of HLA-G-Expressing DC-10 in Type 1 Diabetes Patients at Onset and in Subjects at Risk to Develop the Disease. Frontiers in Immunology, 2021, 12, 750162.	4.8	4

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91	Congenital diabetes mellitus. Minerva Pediatrica, 2020, 72, 240-249.	2.7	4
92	Is islet autoimmunity really detectable at birth?. Diabetologia, 1999, 42, 1442-1443.	6.3	3
93	Mutations in IAPP and NEUROG3 genes are not a common cause of permanent neonatal/infancy/childhoodâ€onset diabetes. Diabetic Medicine, 2009, 26, 660-661.	2.3	3
94	Management of hyperosmolar hyperglycaemic state in adults with diabetes. Diabetic Medicine, 2016, 33, 552-552.	2.3	3
95	Myoclonic encephalopathy and diabetes mellitus in a boy. Developmental Medicine and Child Neurology, 1999, 41, 489-490.	2.1	3
96	Future Perspectives in Glucose Monitoring Sensors. US Endocrinology, 2013, 09, 21.	0.3	3
97	Exocrine pancreas function is impaired in adult relatives of patients with type 1 diabetes. Acta Diabetologica, 2022, 59, 473-479.	2.5	3
98	Non-Occlusive Mesenteric Ischemia in Children With Diabetic Ketoacidosis: Case Report and Review of Literature. Frontiers in Endocrinology, 0, 13, .	3.5	3
99	Su.38. Association of Interferon-Î³ and Interleukin 10 Genotypes and Serum Levels with Clinical Remission in Type 1 Diabetes. Clinical Immunology, 2006, 119, S172-S173.	3.2	2
100	Retinal vascular impairment in Wolfram syndrome: an optical coherence tomography angiography study. Scientific Reports, 2022, 12, 2103.	3.3	2
101	Comment on â€œReal-World Use of a New Hybrid Closed Loop Improves Glycemic Control in Youth with Type 1 Diabetesâ€•by Messer et al.. Diabetes Technology and Therapeutics, 2022, 24, 455-457.	4.4	2
102	Continuous Subcutaneous Insulin Infusion and Sensor-Augmented Pump Therapy in Children and Adolescents. Frontiers in Diabetes, 2015, , 143-150.	0.4	1
103	Opportunities and Challenges of Telemedicine. Diabetes Technology and Therapeutics, 2016, 18, 404-404.	4.4	1
104	Advanced Pump Functions: Bolus Calculator, Bolus Types, and Temporary Basal Rates. , 2017, , 173-181.		1
105	Prevention of type 1 diabetes: where we are and where we are going. Minerva Pediatrics, 2022, 73, .	0.4	1
106	1264-P: Distinguishing between Obese Patients with Type 1 Diabetes (T1DMob) and Type 2 Diabetes in Adolescence (T2DMad) at Presentation. Diabetes, 2020, 69, .	0.6	1
107	1636-P: Transient Neonatal Diabetes: Clinical Differences between Patients Bearing KATP Mutations and 6q24 Defects May Guide Genetic Screening. Diabetes, 2020, 69, 1636-P.	0.6	1
108	Diabetes Technology and Therapy in the Pediatric Age Group. Diabetes Technology and Therapeutics, 2014, 16, S-100-S-109.	4.4	0

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109	The metabolic syndrome, and not obesity, is associated with fasting TSH in euthyroid obese children and adolescents. Endocrine Abstracts, 0, , .	0.0	0
110	Clinical and Socioeconomic Characteristics Associated with Ketoacidosis at Diagnosis of Type 1 Diabetes in Italian Childrenâ€"Nationwide Survey, 2014â€“2016. Diabetes, 2018, 67, 1502-P.	0.6	0
111	2405-PUB: Minimed 640G vs. Minimed 670G, a Comparison in Children and Adolescents with Diabetes Type 1. Diabetes, 2019, 68, .	0.6	0
112	1349-P: Sociodemographic and Clinical Factors Associate with Parental Fear of Hypoglycemia: Italian Nationwide Cross-Sectional Survey. Diabetes, 2019, 68, .	0.6	0
113	Programma di screening su larga scala per la identificazione di bambini e adolescenti a rischio di sviluppo del diabete di tipo 1 nel territorio. Il Diabete, 2020, 3, .	0.0	0