

# Ilaria Barchetta

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

2,088  
citations

279487

23  
h-index

253896

43  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong association between non alcoholic fatty liver disease (NAFLD) and low 25(OH) vitamin D levels in an adult population with normal serum liver enzymes. <i>BMC Medicine</i> , 2011, 9, 85.	2.3	257
2	Liver vitamin D receptor, CYP2R1, and CYP27A1 expression: relationship with liver histology and vitamin D3 levels in patients with nonalcoholic steatohepatitis or hepatitis C virus. <i>Hepatology</i> , 2012, 56, 2180-2187.	3.6	192
3	No Protective Effect of Calcitriol on $\beta$ -Cell Function in Recent-Onset Type 1 Diabetes. <i>Diabetes Care</i> , 2010, 33, 1962-1963.	4.3	133
4	No effects of oral vitamin D supplementation on non-alcoholic fatty liver disease in patients with type 2 diabetes: a randomized, double-blind, placebo-controlled trial. <i>BMC Medicine</i> , 2016, 14, 92.	2.3	130
5	Vitamin D and Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD): An Update. <i>Nutrients</i> , 2020, 12, 3302.	1.7	85
6	Relationship between adipose tissue dysfunction, vitamin D deficiency and the pathogenesis of non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2017, 23, 3407.	1.4	74
7	Circulating IL-8 levels are increased in patients with type 2 diabetes and associated with worse inflammatory and cardiometabolic profile. <i>Acta Diabetologica</i> , 2017, 54, 961-967.	1.2	64
8	Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Meta-Analysis. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	63
9	Sick fat: the good and the bad of old and new circulating markers of adipose tissue inflammation. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 1257-1272.	1.8	58
10	Granzyme B in Inflammatory Diseases: Apoptosis, Inflammation, Extracellular Matrix Remodeling, Epithelial-to-Mesenchymal Transition and Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 587581.	2.2	56
11	Vitamin D Supplementation and Non-Alcoholic Fatty Liver Disease: Present and Future. <i>Nutrients</i> , 2017, 9, 1015.	1.7	55
12	High prevalence of capillary abnormalities in patients with diabetes and association with retinopathy. <i>Diabetic Medicine</i> , 2011, 28, 1039-1044.	1.2	49
13	Hypovitaminosis D is Independently Associated with Metabolic Syndrome in Obese Patients. <i>PLoS ONE</i> , 2013, 8, e68689.	1.1	49
14	Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e51236.	1.1	47
15	WISP1 Is a Marker of Systemic and Adipose Tissue Inflammation in Dysmetabolic Subjects With or Without Type 2 Diabetes. <i>Journal of the Endocrine Society</i> , 2017, 1, 660-670.	0.1	45
16	Neurotensin Is a Lipid-Induced Gastrointestinal Peptide Associated with Visceral Adipose Tissue Inflammation in Obesity. <i>Nutrients</i> , 2018, 10, 526.	1.7	42
17	TSH levels are associated with vitamin D status and seasonality in an adult population of euthyroid adults. <i>Clinical and Experimental Medicine</i> , 2015, 15, 389-396.	1.9	41
18	Increased Plasma Proneurotensin Levels Identify NAFLD in Adults With and Without Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2253-2260.	1.8	41

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19	Hypovitaminosis D in recent onset rheumatoid arthritis is predictive of reduced response to treatment and increased disease activity: a 12-month follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 53.	0.8	40
20	Reduced biliverdin reductase-A levels are associated with early alterations of insulin signaling in obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1490-1501.	1.8	29
21	Circulating dipeptidyl peptidase-4 is independently associated with the presence and severity of NAFLD/NASH in individuals with and without obesity and metabolic disease. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 979-988.	1.8	28
22	Adipose tissue remodelling in obese subjects is a determinant of presence and severity of fatty liver disease. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3358.	1.7	27
23	Relationship between hepatic and systemic angiotensin-like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. <i>Liver International</i> , 2020, 40, 2139-2147.	1.9	25
24	Increased circulating osteopontin levels in adult patients with type 1 diabetes mellitus and association with dysmetabolic profile. <i>European Journal of Endocrinology</i> , 2016, 174, 187-192.	1.9	24
25	Effects of work status changes and perceived stress on glycaemic control in individuals with type 1 diabetes during COVID-19 lockdown in Italy. <i>Diabetes Research and Clinical Practice</i> , 2020, 170, 108513.	1.1	23
26	Copy number of the X-linked genes TLR7 and CD40L influences innate and adaptive immune responses. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12776.	1.3	22
27	Therapy with proton pump inhibitors in patients with type 2 diabetes is independently associated with improved glycometabolic control. <i>Acta Diabetologica</i> , 2015, 52, 873-880.	1.2	19
28	The vitamin D receptor (VDR) gene rs11568820 variant is associated with type 2 diabetes and impaired insulin secretion in Italian adult subjects, and associates with increased cardio-metabolic risk in children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 407-413.	1.1	19
29	Greater circulating DPP4 activity is associated with impaired flow-mediated dilatation in adults with type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1087-1094.	1.1	19
30	Angiotensin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7197.	1.8	19
31	Association between systemic leptin and neurotensin concentration in adult individuals with and without type 2 diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 1159-1163.	1.8	17
32	Blue eyes as a risk factor for type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 609-613.	1.7	16
33	Phenotypical heterogeneity linked to adipose tissue dysfunction in patients with Type 2 diabetes. <i>Clinical Science</i> , 2016, 130, 1753-1762.	1.8	16
34	Elevated plasma copeptin levels identify the presence and severity of non-alcoholic fatty liver disease in obesity. <i>BMC Medicine</i> , 2019, 17, 85.	2.3	15
35	Impaired bone matrix glycoprotein pattern is associated with increased cardio-metabolic risk profile in patients with type 2 diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 513-520.	1.8	14
36	Increased circulating granzyme B in type 2 diabetes patients with low-grade systemic inflammation. <i>Cytokine</i> , 2019, 115, 104-108.	1.4	14

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37	COVID-19 and diabetes: Is this association driven by the DPP4 receptor? Potential clinical and therapeutic implications. <i>Diabetes Research and Clinical Practice</i> , 2020, 163, 108165.	1.1	14
38	Presence of diabetes-specific autoimmunity in women with gestational diabetes mellitus (GDM) predicts impaired glucose regulation at follow-up. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 1061-1068.	1.8	13
39	ANGPTL4 gene E40K variation protects against obesity-associated dyslipidemia in participants with obesity. <i>Obesity Science and Practice</i> , 2019, 5, 83-90.	1.0	13
40	Circulating miRNA-375 levels are increased in autoantibodies-positive first-degree relatives of type 1 diabetes patients. <i>Acta Diabetologica</i> , 2019, 56, 707-710.	1.2	13
41	Reduced Biliverdin Reductase-A Expression in Visceral Adipose Tissue is Associated with Adipocyte Dysfunction and NAFLD in Human Obesity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9091.	1.8	13
42	New Insights in the Control of Fat Homeostasis: The Role of Neurotensin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2209.	1.8	12
43	Circulating pro-neurotensin levels predict bodyweight gain and metabolic alterations in children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 902-910.	1.1	11
44	Increased PARYlation impacts the DNA methylation process in type 2 diabetes mellitus. <i>Clinical Epigenetics</i> , 2021, 13, 114.	1.8	11
45	The single-point insulin sensitivity estimator (SPISE) index is a strong predictor of abnormal glucose metabolism in overweight/obese children: a long-term follow-up study. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 43-51.	1.8	11
46	Overview of studies of the vitamin D/vitamin D receptor system in the development of non-alcoholic fatty liver disease. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2019, 10, 11-16.	0.5	11
47	Echovirus 6 Infects Human Exocrine and Endocrine Pancreatic Cells and Induces Pro-Inflammatory Innate Immune Response. <i>Viruses</i> , 2017, 9, 25.	1.5	9
48	The vitamin D receptor functional variant rs2228570 (C>T) does not associate with type 2 diabetes mellitus. <i>Endocrine Research</i> , 2017, 42, 331-335.	0.6	8
49	Biliverdin reductase-A protein levels are reduced in type 2 diabetes and are associated with poor glycometabolic control. <i>Life Sciences</i> , 2021, 284, 119913.	2.0	8
50	Dipeptidyl peptidase-4 inhibitors and bone metabolism: is vitamin D the link?. <i>Acta Diabetologica</i> , 2016, 53, 839-844.	1.2	7
51	Procollagen $\alpha$ 1(I) peptide identifies adipose tissue-associated inflammation in type 2 diabetes with or without nonalcoholic liver disease. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2998.	1.7	7
52	Subclinical vascular alterations in young adults with type 1 diabetes detected by arterial tonometry. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 756-761.	1.7	6
53	High pro-neurotensin levels in individuals with type 1 diabetes associate with the development of cardiovascular risk factors at follow-up. <i>Acta Diabetologica</i> , 2022, 59, 49-56.	1.2	6
54	Natural history and immunopathogenesis of type 1 diabetes. <i>Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2009, 56, 50-52.	0.8	5

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55	Search for Genetic Variant in the Apelin Gene by Resequencing and Association Study in European Subjects. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 98-102.	0.3	5
56	The "Sapienza University Mortality and Morbidity Event Rate (SUMMER) study in diabetes" Study protocol. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 103-108.	1.1	5
57	Association of Apelin Levels in Overweight-obese Children with Pubertal Development, but Not with Insulin Sensitivity: 6.5 Years Follow up Evaluation. <i>Endocrine Research</i> , 2020, 45, 233-240.	0.6	5
58	Epigenetic Changes Induced by Maternal Factors during Fetal Life: Implication for Type 1 Diabetes. <i>Genes</i> , 2021, 12, 887.	1.0	4
59	Deep Resequencing of 9 Candidate Genes Identifies a Role for ARAP1 and IGF2BP2 in Modulating Insulin Secretion Adjusted for Insulin Resistance in Obese Southern Europeans. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1221.	1.8	4
60	Circulating SIRT1 and Sclerostin Correlates with Bone Status in Young Women with Different Degrees of Adiposity. <i>Nutrients</i> , 2022, 14, 983.	1.7	4
61	Role of Biliverdin Reductase A in the Regulation of Insulin Signaling in Metabolic and Neurodegenerative Diseases: An Update. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5574.	1.8	4
62	Granzyme B Expression in Visceral Adipose Tissue Associates With Local Inflammation and Glyco-Metabolic Alterations in Obesity. <i>Frontiers in Immunology</i> , 2020, 11, 589188.	2.2	3
63	Could vitamin d supplementation benefit patients with chronic liver disease?. <i>Gastroenterology and Hepatology</i> , 2012, 8, 755-7.	0.2	3
64	The Arg282Ser missense mutation in APOA5 gene determines a reduction of triglyceride and LDL-cholesterol in children, together with low serum levels of apolipoprotein A-V. <i>Lipids in Health and Disease</i> , 2017, 16, 179.	1.2	2
65	Identification of the Inappropriate Clinical Actions (DON'T) to Improve the Management of Patients with Type 2 Diabetes Failing Basal Insulin Supported Oral Treatment: Results of Survey for a Panel of Diabetes Specialists in Italy. <i>Diabetes Therapy</i> , 2021, 12, 2645-2661.	1.2	2
66	Age at Diagnosis of Type 1 Diabetes and the Effect of Immunomodulatory Therapies on Residual Beta Cell Function. <i>Hormone and Metabolic Research</i> , 2008, 40, 66-68.	0.7	1
67	Effects of Oral High-Dose Vitamin D Supplementation on Non-Alcoholic Fatty Liver Disease in Patients with Type 2 Diabetes: A Randomised, Double-Blind, Placebo-controlled Trial. <i>Journal of Hepatology</i> , 2016, 64, S483.	1.8	1
68	ABO180...Hypovitaminosis d predicts more aggressive evolution and lower response to treatment in early rheumatoid arthritis after 12 months of follow-up.. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A840.3-A841.	0.5	0
69	Comment on Elangovan H et al. vitamin D in liver disease: Current evidence and potential directions. <i>Biochim Biophys Acta</i> 2017;1863(4):907-916. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2388.	1.8	0
70	THU-296-Hepatic and visceral adipose tissue expression of vitamin D receptor and vitamin D hydroxylases in relation to non-alcoholic fatty liver disease and adipose tissue inflammation. <i>Journal of Hepatology</i> , 2019, 70, e290.	1.8	0
71	Technological Support to Intensive Insulin Therapy by a Novel Smartphone Application in Young Adults With Type 1 Diabetes: One Center's Experience. <i>Journal of Diabetes Science and Technology</i> , 2019, 13, 148-149.	1.3	0
72	The rs45454496 (E1813K) variant in the adiposity gene ANK2 doesn't associate with obesity in Southern European subjects. <i>Gene Reports</i> , 2021, 24, 101303.	0.4	0