

Ilaria Barchetta

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,088
citations

279798

23
h-index

254184

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. BMC Medicine, 2011, 9, 85.	5.5	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. Hepatology, 2012, 56, 2180-2187.	7.3	192
3	No Protective Effect of Calcitriol on β -Cell Function in Recent-Onset Type 1 Diabetes. Diabetes Care, 2010, 33, 1962-1963.	8.6	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. BMC Medicine, 2016, 14, 92.	5.5	130
5	Vitamin D and Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD): An Update. Nutrients, 2020, 12, 3302.	4.1	85
6	Relationship between adipose tissue dysfunction, vitamin D deficiency and the pathogenesis of non-alcoholic fatty liver disease. World Journal of Gastroenterology, 2017, 23, 3407.	3.3	74
7	Circulating IL-8 levels are increased in patients with type 2 diabetes and associated with worse inflammatory and cardiometabolic profile. Acta Diabetologica, 2017, 54, 961-967.	2.5	64
8	Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Meta-Analysis. Journal of the American Heart Association, 2018, 7, .	3.7	63
9	Sick fat: the good and the bad of old and new circulating markers of adipose tissue inflammation. Journal of Endocrinological Investigation, 2019, 42, 1257-1272.	3.3	58
10	Granzyme B in Inflammatory Diseases: Apoptosis, Inflammation, Extracellular Matrix Remodeling, Epithelial-to-Mesenchymal Transition and Fibrosis. Frontiers in Immunology, 2020, 11, 587581.	4.8	56
11	Vitamin D Supplementation and Non-Alcoholic Fatty Liver Disease: Present and Future. Nutrients, 2017, 9, 1015.	4.1	55
12	High prevalence of capillary abnormalities in patients with diabetes and association with retinopathy. Diabetic Medicine, 2011, 28, 1039-1044.	2.3	49
13	Hypovitaminosis D is Independently Associated with Metabolic Syndrome in Obese Patients. PLoS ONE, 2013, 8, e68689.	2.5	49
14	Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. PLoS ONE, 2012, 7, e51236.	2.5	47
15	WISP1 Is a Marker of Systemic and Adipose Tissue Inflammation in Dysmetabolic Subjects With or Without Type 2 Diabetes. Journal of the Endocrine Society, 2017, 1, 660-670.	0.2	45
16	Neurotensin Is a Lipid-Induced Gastrointestinal Peptide Associated with Visceral Adipose Tissue Inflammation in Obesity. Nutrients, 2018, 10, 526.	4.1	42
17	TSH levels are associated with vitamin D status and seasonality in an adult population of euthyroid adults. Clinical and Experimental Medicine, 2015, 15, 389-396.	3.6	41
18	Increased Plasma Proneurotensin Levels Identify NAFLD in Adults With and Without Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2253-2260.	3.6	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. BMC Musculoskeletal Disorders, 2015, 16, 53.	1.9	40
20	Reduced biliverdin reductase-A levels are associated with early alterations of insulin signaling in obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1490-1501.	3.8	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. Journal of Endocrinological Investigation, 2021, 44, 979-988.	3.3	28
22	Adipose tissue remodelling in obese subjects is a determinant of presence and severity of fatty liver disease. Diabetes/Metabolism Research and Reviews, 2021, 37, e3358.	4.0	27
23	Relationship between hepatic and systemic angiotensin-like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. Liver International, 2020, 40, 2139-2147.	3.9	25
24	Increased circulating osteopontin levels in adult patients with type 1 diabetes mellitus and association with dysmetabolic profile. European Journal of Endocrinology, 2016, 174, 187-192.	3.7	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. Diabetes Research and Clinical Practice, 2020, 170, 108513.	2.8	23
26	Copy number of the X-linked genes TLR7 and CD40L influences innate and adaptive immune responses. Scandinavian Journal of Immunology, 2019, 90, e12776.	2.7	22
27	Therapy with proton pump inhibitors in patients with type 2 diabetes is independently associated with improved glycometabolic control. Acta Diabetologica, 2015, 52, 873-880.	2.5	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. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 407-413.	2.6	19
29	Greater circulating DPP4 activity is associated with impaired flow-mediated dilatation in adults with type 2 diabetes mellitus. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1087-1094.	2.6	19
30	Angiotensin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. International Journal of Molecular Sciences, 2020, 21, 7197.	4.1	19
31	Association between systemic leptin and neurotensin concentration in adult individuals with and without type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2018, 41, 1159-1163.	3.3	17
32	Blue eyes as a risk factor for type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2011, 27, 609-613.	4.0	16
33	Phenotypical heterogeneity linked to adipose tissue dysfunction in patients with Type 2 diabetes. Clinical Science, 2016, 130, 1753-1762.	4.3	16
34	Elevated plasma copeptin levels identify the presence and severity of non-alcoholic fatty liver disease in obesity. BMC Medicine, 2019, 17, 85.	5.5	15
35	Impaired bone matrix glycoprotein pattern is associated with increased cardio-metabolic risk profile in patients with type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2019, 42, 513-520.	3.3	14
36	Increased circulating granzyme B in type 2 diabetes patients with low-grade systemic inflammation. Cytokine, 2019, 115, 104-108.	3.2	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.	2.8	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.	3.3	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.	1.9	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.	2.5	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.	4.1	13
42	New Insights in the Control of Fat Homeostasis: The Role of Neurotensin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2209.	4.1	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.	2.6	11
44	Increased PARYlation impacts the DNA methylation process in type 2 diabetes mellitus. <i>Clinical Epigenetics</i> , 2021, 13, 114.	4.1	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.	3.3	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.	1.0	11
47	Echovirus 6 Infects Human Exocrine and Endocrine Pancreatic Cells and Induces Pro-Inflammatory Innate Immune Response. <i>Viruses</i> , 2017, 9, 25.	3.3	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.	1.2	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.	4.3	8
50	Dipeptidyl peptidase-4 inhibitors and bone metabolism: is vitamin D the link?. <i>Acta Diabetologica</i> , 2016, 53, 839-844.	2.5	7
51	Procollagen-III 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.	4.0	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.	4.0	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.	2.5	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. Genetic Testing and Molecular Biomarkers, 2016, 20, 98-102.	0.7	5
56	The "Sapienza University Mortality and Morbidity Event Rate (SUMMER) study in diabetes" Study protocol. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 103-108.	2.6	5
57	Association of Apelin Levels in Overweight-obese Children with Pubertal Development, but Not with Insulin Sensitivity: 6.5 Years Follow up Evaluation. Endocrine Research, 2020, 45, 233-240.	1.2	5
58	Epigenetic Changes Induced by Maternal Factors during Fetal Life: Implication for Type 1 Diabetes. Genes, 2021, 12, 887.	2.4	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. International Journal of Molecular Sciences, 2022, 23, 1221.	4.1	4
60	Circulating SIRT1 and Sclerostin Correlates with Bone Status in Young Women with Different Degrees of Adiposity. Nutrients, 2022, 14, 983.	4.1	4
61	Role of Biliverdin Reductase A in the Regulation of Insulin Signaling in Metabolic and Neurodegenerative Diseases: An Update. International Journal of Molecular Sciences, 2022, 23, 5574.	4.1	4
62	Granzyme B Expression in Visceral Adipose Tissue Associates With Local Inflammation and Glyco-Metabolic Alterations in Obesity. Frontiers in Immunology, 2020, 11, 589188.	4.8	3
63	Could vitamin d supplementation benefit patients with chronic liver disease?. Gastroenterology and Hepatology, 2012, 8, 755-7.	0.1	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. Lipids in Health and Disease, 2017, 16, 179.	3.0	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. Diabetes Therapy, 2021, 12, 2645-2661.	2.5	2
66	Age at Diagnosis of Type 1 Diabetes and the Effect of Immunomodulatory Therapies on Residual Beta Cell Function. Hormone and Metabolic Research, 2008, 40, 66-68.	1.5	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. Journal of Hepatology, 2016, 64, S483.	3.7	1
68	ABO180...Hypovitaminosis d predicts more aggressive evolution and lower response to treatment in early rheumatoid arthritis after 12 months of follow-up.. Annals of the Rheumatic Diseases, 2013, 72, A840.3-A841.	0.9	0
69	Comment on Elangovan H et al. vitamin D in liver disease: Current evidence and potential directions. Biochim Biophys Acta 2017;1863(4):907-916. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2388.	3.8	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. Journal of Hepatology, 2019, 70, e290.	3.7	0
71	Technological Support to Intensive Insulin Therapy by a Novel Smartphone Application in Young Adults With Type 1 Diabetes: One Center's Experience. Journal of Diabetes Science and Technology, 2019, 13, 148-149.	2.2	0
72	The rs45454496 (E1813K) variant in the adiposity gene ANK2 doesn't associate with obesity in Southern European subjects. Gene Reports, 2021, 24, 101303.	0.8	0