

# Ana Megia

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

1,139  
citations

20  
h-index

32  
g-index

61  
ext. papers

1,351  
ext. citations

5.4  
avg. IF

3.44  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 54 | Distribution and determinants of adiponectin, resistin and ghrelin in a randomly selected healthy population. <i>Clinical Endocrinology</i> , <b>2005</b> , 63, 329-35   | 3.4  | 78        |
| 53 | SUCNR1 controls an anti-inflammatory program in macrophages to regulate the metabolic response to obesity. <i>Nature Immunology</i> , <b>2019</b> , 20, 581-592  | 19.1 | 75        |
| 52 | Diabetic neuropathy is associated with activation of the TNF-alpha system in subjects with type 1 diabetes mellitus. <i>Clinical Endocrinology</i> , <b>2005</b> , 63, 525-9   | 3.4  | 75        |
| 51 | Adipose tissue expression of the glycerol channel aquaporin-7 gene is altered in severe obesity but not in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 3640-5   | 5.6  | 74        |
| 50 | Effect of weight loss induced by gastric bypass on proinflammatory interleukin-18, soluble tumour necrosis factor-alpha receptors, C-reactive protein and adiponectin in morbidly obese patients. <i>Clinical Endocrinology</i> , <b>2007</b> , 67, 679-86           | 3.4  | 63        |
| 49 | Insulin sensitivity and resistin levels in gestational diabetes mellitus and after parturition. <i>European Journal of Endocrinology</i> , <b>2008</b> , 158, 173-8  | 6.5  | 47        |
| 48 | Mannose-binding lectin gene polymorphisms are associated with gestational diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 5081-7  | 5.6  | 44        |
| 47 | Lower heart rate variability is associated with higher plasma concentrations of IL-6 in type 1 diabetes. <i>European Journal of Endocrinology</i> , <b>2007</b> , 157, 31-8  | 6.5  | 43        |
| 46 | Expression of TWEAK and its receptor Fn14 in human subcutaneous adipose tissue. Relationship with other inflammatory cytokines in obesity. <i>Cytokine</i> , <b>2006</b> , 33, 129-37  | 4    | 43        |
| 45 | Monocyte chemoattractant protein-1 in obesity and type 2 diabetes. Insulin sensitivity study. <i>Obesity</i> , <b>2007</b> , 15, 664-72  | 8    | 40        |
| 44 | Maternal and cord blood adiponectin multimeric forms in gestational diabetes mellitus: a prospective analysis. <i>Diabetes Care</i> , <b>2011</b> , 34, 2418-23  | 14.6 | 38        |
| 43 | Obstetric and perinatal outcome in women with twin pregnancy and gestational diabetes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2012</b> , 25, 1084-9   | 2    | 30        |
| 42 | Adipocyte fatty acid-binding protein as a determinant of insulin sensitivity in morbid-obese women. <i>Obesity</i> , <b>2009</b> , 17, 1124-8  | 8    | 30        |
| 41 | The usefulness of HbA1c in postpartum reclassification of gestational diabetes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2012</b> , 119, 891-4   | 3.7  | 29        |
| 40 | Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , <b>2019</b> , 42, 1956-1965  | 14.6 | 27        |
| 39 | Interleukin-6 in obese children and adolescents with and without glucose intolerance. <i>Diabetes Care</i> , <b>2007</b> , 30, 1892-4  | 14.6 | 27        |
| 38 | Plasma visfatin concentrations increase in both hyper and hypothyroid subjects after normalization of thyroid function and are not related to insulin resistance, anthropometric or inflammatory parameters. <i>Clinical Endocrinology</i> , <b>2009</b> , 71, 733-8 | 3.4  | 26        |

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|----|--|------|----|
| 37 | Prevalence and risk factors for hypoparathyroidism following total thyroidectomy in Spain: a multicentric and nation-wide retrospective analysis. <i>Endocrine</i> , <b>2019</b> , 66, 405-415   | 4    | 25 |
| 36 | Angiotensin-like protein 8 (ANGPTL8) in pregnancy: a brown adipose tissue-derived endocrine factor with a potential role in fetal growth. <i>Translational Research</i> , <b>2016</b> , 178, 1-12                                      | 11   | 23 |
| 35 | LMNA mRNA expression is altered in human obesity and type 2 diabetes. <i>Obesity</i> , <b>2008</b> , 16, 1742-8  | 8    | 20 |
| 34 | Human subcutaneous adipose tissue LPIN1 expression in obesity, type 2 diabetes mellitus, and human immunodeficiency virus--associated lipodystrophy syndrome. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 1518-26 | 12.7 | 20 |
| 33 | Angiotensin-like protein 8/betatrophin as a new determinant of type 2 diabetes remission after bariatric surgery. <i>Translational Research</i> , <b>2017</b> , 184, 35-44.e4  | 11   | 16 |
| 32 | Serum activin A and follistatin levels in gestational diabetes and the association of the Activin A-Follistatin system with anthropometric parameters in offspring. <i>PLoS ONE</i> , <b>2014</b> , 9, e92175                          | 3.7  | 16 |
| 31 | Insulin resistance, low-grade inflammation and type 1 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2012</b> , 49, 33-9  | 3.9  | 14 |
| 30 | Tumour necrosis factor receptors (TNFRs) in Type 2 diabetes. Analysis of soluble plasma fractions and genetic variations of TNFR2 gene in a case-control study. <i>Diabetic Medicine</i> , <b>2005</b> , 22, 387-92                    | 3.5  | 14 |
| 29 | Arterial stiffness is highly correlated with the scores obtained from the Steno Type 1 Risk Engine in subjects with T1DM. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220206   | 3.7  | 13 |
| 28 | Reduced circulating levels of TWEAK are associated with gestational diabetes mellitus. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 27-35   | 4.6  | 13 |
| 27 | FGF-23/Vitamin D Axis in Type 1 Diabetes: The Potential Role of Mineral Metabolism in Arterial Stiffness. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140222   | 3.7  | 13 |
| 26 | Relation between human LPIN1, hypoxia and endoplasmic reticulum stress genes in subcutaneous and visceral adipose tissue. <i>International Journal of Obesity</i> , <b>2010</b> , 34, 679-86   | 5.5  | 13 |
| 25 | Different TNF $\alpha$ expression elicited by glucose in monocytes from type 2 diabetes mellitus patients. <i>Atherosclerosis</i> , <b>2007</b> , 194, e18-25  | 3.1  | 13 |
| 24 | Cord blood FGF21 in gestational diabetes and its relationship with postnatal growth. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 693-700   | 3.9  | 12 |
| 23 | Gender determines the actions of adiponectin multimers on fetal growth and adiposity. <i>American Journal of Obstetrics and Gynecology</i> , <b>2013</b> , 208, 481.e1-7   | 6.4  | 12 |
| 22 | Parallel downregulation of retinol-binding protein-4 and adiponectin expression in subcutaneous adipose tissue of non-morbidly obese subjects. <i>European Journal of Endocrinology</i> , <b>2009</b> , 161, 87-94                     | 6.5  | 12 |
| 21 | IL-18: relationship with anthropometry, body composition parameters, leptin and arterial hypertension. <i>Hormone and Metabolic Research</i> , <b>2006</b> , 38, 507-12  | 3.1  | 12 |
| 20 | The tumour necrosis factor (TNF)- $\alpha$ system is activated in accordance with pulse pressure in normotensive subjects with type 1 diabetes mellitus. <i>European Journal of Endocrinology</i> , <b>2005</b> , 153, 687-91          | 6.5  | 12 |

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|----|--|------|----|
| 19 | A study of fatty acid binding protein 4 in HIV-1 infection and in combination antiretroviral therapy-related metabolic disturbances and lipodystrophy. <i>HIV Medicine</i> , <b>2011</b> , 12, 428-37  | 2.7  | 11 |
| 18 | Glycemic control and maternal and fetal outcomes in pregnant women with type 1 diabetes according to the type of basal insulin. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2016</b> , 206, 84-91                                | 2.4  | 10 |
| 17 | Zinc- $\alpha$ -glycoprotein is unrelated to gestational diabetes: anthropometric and metabolic determinants in pregnant women and their offspring. <i>PLoS ONE</i> , <b>2012</b> , 7, e47601  | 3.7  | 9  |
| 16 | LMNA messenger RNA expression in highly active antiretroviral therapy-treated HIV-positive patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2007</b> , 46, 384-9   | 3.1  | 8  |
| 15 | Impaired Succinate Response to a Mixed Meal in Obesity and Type 2 Diabetes Is Normalized After Metabolic Surgery. <i>Diabetes Care</i> , <b>2020</b> , 43, 2581-2587   | 14.6 | 7  |
| 14 | Prognostic Significance of Thyroglobulin Antibodies in Differentiated Thyroid Cancer. <i>Journal of Thyroid Research</i> , <b>2020</b> , 2020, 8312628   | 2.6  | 7  |
| 13 | A common gene variant in STK11 is associated with metabolic risk markers and diabetes during gestation. <i>Fertility and Sterility</i> , <b>2013</b> , 100, 788-92   | 4.8  | 6  |
| 12 | Gestational diabetes impacts fetal precursor cell responses with potential consequences for offspring. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 351-363   | 6.9  | 6  |
| 11 | A descriptive study of the characteristics of differentiated thyroid cancer in Catalonia during the period 1998-2012. The CECaT registry. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , <b>2015</b> , 62, 264-9  |      | 5  |
| 10 | Health care of pregnant women with diabetes in Spain: Approach using a questionnaire. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , <b>2016</b> , 63, 113-20   |      | 3  |
| 9  | Accuracy of new recommendations for adrenal incidentalomas in the evaluation of excessive cortisol secretion and follow-up. <i>European Journal of Clinical Investigation</i> , <b>2019</b> , 49, e13048   | 4.6  | 2  |
| 8  | Early identification of metabolic syndrome risk: A review of reviews and proposal for defining pre-metabolic syndrome status. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 2557-2574   | 4.5  | 2  |
| 7  | Changes in glucagon-like peptide 1 and 2 levels in people with obesity after a diet-induced weight-loss intervention are related to a specific microbiota signature: A prospective cohort study. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e575 | 5.7  | 1  |
| 6  | Cord Blood Advanced Lipoprotein Testing Reveals an Interaction between Gestational Diabetes and Birth-Weight and Suggests a New Early Biomarker of Infant Obesity. <i>Biomedicine</i> , <b>2022</b> , 10, 1033   | 4.8  | 0  |
| 5  | Early gestational diabetes: Is fasting glucose useful?. <i>Endocrinología Y Nutrición (English Edition)</i> , <b>2019</b> , 66, 1-3  | 0.1  |    |
| 4  | Recovery of parathyroid function in patients with thyroid cancer treated by total thyroidectomy: An analysis of 685 patients with hypoparathyroidism at discharge of surgery. <i>Endocrinología Y Nutrición (English Edition)</i> , <b>2021</b> , 68, 398-407        | 0.1  |    |
| 3  | Permanent postoperative hypoparathyroidism: an analysis of prevalence and predictive factors for adequacy of control in a cohort of 260 patients. <i>Gland Surgery</i> , <b>2020</b> , 9, 1380-1388  | 2.2  |    |
| 2  | Late Recovery of Parathyroid Function After Total Thyroidectomy: A Case-Control Study. <i>Hormone and Metabolic Research</i> , <b>2021</b> , 53, 654-661   | 3.1  |    |

- 1 The angiogenic properties of human amniotic membrane stem cells are enhanced in gestational diabetes and associate with fetal adiposity.. *Stem Cell Research and Therapy*, **2021**, 12, 608

8.3