

Daniela Foti

List of Publications by Year in descending order

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102
papers

3,887
citations

101496

36
h-index

138417

58
g-index

107
all docs

107
docs citations

107
times ranked

5832
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin Resistance and Cancer Risk: An Overview of the Pathogenetic Mechanisms. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-12.	3.8	408
2	Type 2 Diabetes Mellitus and Cardiovascular Disease: Genetic and Epigenetic Links. <i>Frontiers in Endocrinology</i> , 2018, 9, 2.	1.5	228
3	Lack of the architectural factor HMGA1 causes insulin resistance and diabetes in humans and mice. <i>Nature Medicine</i> , 2005, 11, 765-773.	15.2	204
4	Mediterranean Diet Nutrients to Turn the Tide against Insulin Resistance and Related Diseases. <i>Nutrients</i> , 2020, 12, 1066.	1.7	128
5	A Nucleoprotein Complex Containing Sp1, C/EBP β , and HMGI-Y Controls Human Insulin Receptor Gene Transcription. <i>Molecular and Cellular Biology</i> , 2003, 23, 2720-2732.	1.1	123
6	Pseudogene-mediated posttranscriptional silencing of HMGA1 can result in insulin resistance and type 2 diabetes. <i>Nature Communications</i> , 2010, 1, 40.	5.8	102
7	Effect of Mediterranean Diet and Antioxidant Formulation in Non-Alcoholic Fatty Liver Disease: A Randomized Study. <i>Nutrients</i> , 2017, 9, 870.	1.7	102
8	Transcriptional regulation of human insulin receptor gene by the high-mobility group protein HMGI(Y). <i>FASEB Journal</i> , 2001, 15, 492-500.	0.2	97
9	Recent advances in the molecular genetics of type 2 diabetes mellitus. <i>World Journal of Diabetes</i> , 2014, 5, 128.	1.3	97
10	Functional Variants of the <i>HMGA1</i> Gene and Type 2 Diabetes Mellitus. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 903.	3.8	87
11	Effects of acute physical exercise on oxidative stress and inflammatory status in young, sedentary obese subjects. <i>PLoS ONE</i> , 2017, 12, e0178900.	1.1	81
12	Effects of Mediterranean diet supplemented with silybin-vitamin E-phospholipid complex in overweight patients with non-alcoholic fatty liver disease. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 519-527.	1.4	72
13	High Mobility Group A (HMGA) proteins: Molecular instigators of breast cancer onset and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 216-229.	3.3	72
14	Off-pump coronary artery bypass surgery versus standard linear or pulsatile cardiopulmonary bypass: endothelial activation and inflammatory response. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 897-904.	0.6	70
15	Clinical characteristics and predictors of mortality associated with COVID-19 in elderly patients from a long-term care facility. <i>Scientific Reports</i> , 2020, 10, 20834.	1.6	65
16	Prevalence and predictors of postpartum glucose intolerance in Italian women with gestational diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2014, 105, 223-230.	1.1	63
17	Thyrotropin Regulation of Thyroid Peroxidase Messenger Ribonucleic Acid Levels in Cultured Rat Thyroid Cells: Evidence for the Involvement of a Nontranscriptional Mechanism*. <i>Endocrinology</i> , 1989, 124, 2889-2894.	1.4	62
18	Early Effects of a Hypocaloric, Mediterranean Diet on Laboratory Parameters in Obese Individuals. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.	1.4	62

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19	Obesity-related hypoxia via miR-128 decreases insulin-receptor expression in human and mouse adipose tissue promoting systemic insulin resistance. <i>EBioMedicine</i> , 2020, 59, 102912.	2.7	52
20	Glucose biosensors in clinical practice: principles, limits and perspectives of currently used devices. <i>Theranostics</i> , 2022, 12, 493-511.	4.6	52
21	A polymorphism of HMGA1 is associated with increased risk of metabolic syndrome and related components. <i>Scientific Reports</i> , 2013, 3, 1491.	1.6	51
22	HMGA1 is a novel downstream nuclear target of the insulin receptor signaling pathway. <i>Scientific Reports</i> , 2012, 2, 251.	1.6	50
23	Activator Protein-2 Overexpression Accounts for Increased Insulin Receptor Expression in Human Breast Cancer. <i>Cancer Research</i> , 2006, 66, 5085-5093.	0.4	47
24	The cAMP-HMGA1-RBP4 system: a novel biochemical pathway for modulating glucose homeostasis. <i>BMC Biology</i> , 2009, 7, 24.	1.7	47
25	Potential Benefits and Harms of Novel Antidiabetic Drugs During COVID-19 Crisis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3664.	1.2	47
26	Insulin Resistance and Cancer: In Search for a Causal Link. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11137.	1.8	46
27	Evidence That an <i>HMGA1</i> Gene Variant Associates with Type 2 Diabetes, Body Mass Index, and High-Density Lipoprotein Cholesterol in a Hispanic-American Population. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 25-30.	0.5	45
28	Gestational diabetes: Implications for fetal growth, intervention timing, and treatment options. <i>Current Opinion in Pharmacology</i> , 2021, 60, 1-10.	1.7	44
29	Insulin and osteocalcin: further evidence for a mutual cross-talk. <i>Endocrine</i> , 2018, 59, 622-632.	1.1	43
30	Generation of a Biologically Active, Secreted Form of Human Thyroid Peroxidase by Site-Directed Mutagenesis. <i>Molecular Endocrinology</i> , 1990, 4, 786-791.	3.7	42
31	Brain-Behavior-Immune Interaction: Serum Cytokines and Growth Factors in Patients with Eating Disorders at Extremes of the Body Mass Index (BMI) Spectrum. <i>Nutrients</i> , 2019, 11, 1995.	1.7	42
32	The HMGA1-IGF-I/IGFBP System: A Novel Pathway for Modulating Glucose Uptake. <i>Molecular Endocrinology</i> , 2012, 26, 1578-1589.	3.7	41
33	Cooperation between HMGA1, PDX-1, and MafA is Essential for Glucose-Induced Insulin Transcription in Pancreatic Beta Cells. <i>Frontiers in Endocrinology</i> , 2014, 5, 237.	1.5	41
34	Overexpression of an immunologically-intact, secreted form of human thyroid peroxidase in eukaryotic cells. <i>Molecular and Cellular Endocrinology</i> , 1991, 78, 107-114.	1.6	40
35	Transcriptional Regulation of Glucose Metabolism: The Emerging Role of the HMGA1 Chromatin Factor. <i>Frontiers in Endocrinology</i> , 2018, 9, 357.	1.5	40
36	Intra-aortic balloon pump induced pulsatile perfusion reduces endothelial activation and inflammatory response following cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 1012-1019.	0.6	37

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37	Long-Term Effectiveness of Liraglutide for Weight Management and Glycemic Control in Type 2 Diabetes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 207.	1.2	37
38	A polymorphism of HMGA1 protects against proliferative diabetic retinopathy by impairing HMGA1-induced VEGFA expression. <i>Scientific Reports</i> , 2016, 6, 39429.	1.6	36
39	MicroRNA-1281 as a Novel Circulating Biomarker in Patients With Diabetic Retinopathy. <i>Frontiers in Endocrinology</i> , 2020, 11, 528.	1.5	35
40	HMGA1 is a novel candidate gene for myocardial infarction susceptibility. <i>International Journal of Cardiology</i> , 2017, 227, 331-334.	0.8	33
41	The role of hormonal, metabolic and inflammatory biomarkers on sleep and appetite in drug free patients with major depression: A systematic review. <i>Journal of Affective Disorders</i> , 2019, 250, 249-259.	2.0	33
42	Long-Term Effectiveness and Safety of SGLT-2 Inhibitors in an Italian Cohort of Patients with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-8.	1.0	31
43	Carbohydrate Moieties in Recombinant Human Thyroid Peroxidase: Role in Recognition by Antithyroid Peroxidase Antibodies in Hashimoto's Thyroiditis. <i>Endocrinology</i> , 1990, 126, 2983-2988.	1.4	30
44	Editorial: "Linking Hypoxia to Obesity". <i>Frontiers in Endocrinology</i> , 2017, 8, 34.	1.5	30
45	Diabetes-Induced Cellular Senescence and Senescence-Associated Secretory Phenotype Impair Cardiac Regeneration and Function Independently of Age. <i>Diabetes</i> , 2022, 71, 1081-1098.	0.3	30
46	Gestational Diabetes Mellitus: Screening and Outcomes in Southern Italian Pregnant Women. <i>Isrn Endocrinology</i> , 2013, 2013, 1-8.	2.0	29
47	Cooperation between HMGA1 and HIF-1 Contributes to Hypoxia-Induced VEGF and Visfatin Gene Expression in 3T3-L1 Adipocytes. <i>Frontiers in Endocrinology</i> , 2016, 7, 73.	1.5	29
48	Laboratory Parameters of Hemostasis, Adhesion Molecules, and Inflammation in Type 2 Diabetes Mellitus: Correlation with Glycemic Control. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 300.	1.2	29
49	Contribution of Predictive and Prognostic Biomarkers to Clinical Research on Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5846.	1.8	29
50	High Vegetable Fats Intake Is Associated with High Resting Energy Expenditure in Vegetarians. <i>Nutrients</i> , 2015, 7, 5933-5947.	1.7	26
51	How to improve duration and efficiency of the antiproteinuric response to Ramipril: RamiPROT" a prospective cohort study. <i>Journal of Nephrology</i> , 2017, 30, 95-102.	0.9	26
52	Appropriate Timing of Gestational Diabetes Mellitus Diagnosis in Medium- and Low-Risk Women: Effectiveness of the Italian NHS Recommendations in Preventing Fetal Macrosomia. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-8.	1.0	26
53	First Trimester Combined Test (FTCT) as a Predictor of Gestational Diabetes Mellitus. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3654.	1.2	24
54	Combined lymphocyte/monocyte count, D-dimer and iron status predict COVID-19 course and outcome in a long-term care facility. <i>Journal of Translational Medicine</i> , 2021, 19, 79.	1.8	24

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55	A new predictive tool for the early risk assessment of gestational diabetes mellitus. <i>Primary Care Diabetes</i> , 2016, 10, 315-323.	0.9	22
56	Clinical Effectiveness and Safety of Once-Weekly GLP-1 Receptor Agonist Dulaglutide as Add-On to Metformin or Metformin Plus Insulin Secretagogues in Obesity and Type 2 Diabetes. <i>Journal of Clinical Medicine</i> , 2021, 10, 985.	1.0	22
57	The correct renal function evaluation in patients with thyroid dysfunction. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 495-507.	1.8	21
58	Expression of matrix metalloproteinase-11 is increased under conditions of insulin resistance. <i>World Journal of Diabetes</i> , 2017, 8, 422.	1.3	20
59	Insulin binding and biological activities in the FRTL-5 rat thyroid cell line. <i>Metabolism: Clinical and Experimental</i> , 1987, 36, 379-383.	1.5	18
60	Studies on the functional activity of the promoter for the human thyroid peroxidase gene. <i>Biochemical and Biophysical Research Communications</i> , 1990, 168, 281-287.	1.0	18
61	HMGA1 is a novel transcriptional regulator of the FoxO1 gene. <i>Endocrine</i> , 2018, 60, 56-64.	1.1	18
62	The Association between HMGA1 rs146052672 Variant and Type 2 Diabetes: A Transethnic Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0136077.	1.1	17
63	Predictors of Postpartum Glucose Tolerance Testing in Italian Women with Gestational Diabetes Mellitus. <i>Isrn Endocrinology</i> , 2013, 2013, 1-6.	2.0	16
64	Add-On Treatment with Liraglutide Improves Glycemic Control in Patients with Type 2 Diabetes on Metformin Therapy. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 468-474.	2.4	15
65	Secretome Analysis of Hypoxia-Induced 3T3-L1 Adipocytes Uncovers Novel Proteins Potentially Involved in Obesity. <i>Proteomics</i> , 2018, 18, e1700260.	1.3	14
66	Preoperative statins improve recovery of renal function but not by an anti-inflammatory effect: observational study in 69 elderly patients undergoing cardiac surgery. <i>International Urology and Nephrology</i> , 2011, 43, 601-609.	0.6	13
67	Evolution of glomerular filtration rates and neutrophil gelatinase-associated lipocalin during treatment with direct acting antivirals. <i>Clinical and Molecular Hepatology</i> , 2018, 24, 151-162.	4.5	13
68	Icariin Protects H9c2 Rat Cardiomyoblasts from Doxorubicin-Induced Cardiotoxicity: Role of Caveolin-1 Upregulation and Enhanced Autophagic Response. <i>Nutrients</i> , 2021, 13, 4070.	1.7	12
69	Lack of relationship between 3',5'-cyclic adenosine monophosphate desensitization and thyrotropin receptor down regulation in the rat thyroid cell line FRTL5. <i>Journal of Endocrinological Investigation</i> , 1991, 14, 213-218.	1.8	11
70	Barriers to Postpartum Glucose Intolerance Screening in an Italian Population. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2853.	1.2	10
71	Impact of Endothelial Activation on Infective and Inflammatory Complications after Cardiac Surgery in type II Diabetes Mellitus. <i>International Journal of Artificial Organs</i> , 2011, 34, 469-480.	0.7	9
72	The link between nutritional parameters and bone mineral density in women: results of a screening programme for osteoporosis. <i>Journal of Translational Medicine</i> , 2014, 12, 46.	1.8	9

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73	Pharmacogenetics in type 2 diabetes: still a conundrum in clinical practice. <i>Expert Review of Endocrinology and Metabolism</i> , 2017, 12, 155-158.	1.2	9
74	Cross-talk among HMGA1 and FoxO1 in control of nuclear insulin signaling. <i>Scientific Reports</i> , 2018, 8, 8540.	1.6	9
75	Cell-line characterization by infrared-induced pyroelectric effect. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111338.	5.3	9
76	Transcriptional Regulation of the HMGA1 Gene by Octamer-Binding Proteins Oct-1 and Oct-2. <i>PLoS ONE</i> , 2013, 8, e83969.	1.1	8
77	Autoantibodies in the sera of patients with autoimmune thyroid disease recognize a secreted form of human thyroid peroxidase generated in a baculovirus system. <i>Molecular and Cellular Endocrinology</i> , 1993, 94, R5-R8.	1.6	7
78	Altered circulating marinobufagenin levels and recurrent intradialytic hypotensive episodes in chronic hemodialysis patients: a pilot, prospective study. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 1577.	0.5	7
79	Marinobufagenin, left ventricular geometry and cardiac dysfunction in end-stage kidney disease patients. <i>International Urology and Nephrology</i> , 2022, 54, 2581-2589.	0.6	7
80	Desensitization of the thyroid cyclic AMP response to thyroid stimulating immunoglobulin: Comparison with TSH. <i>Metabolism: Clinical and Experimental</i> , 1987, 36, 768-773.	1.5	6
81	Leukocyte Filtration Improves Pulmonary Function and Reduces the Need for Postoperative Non-Invasive Ventilation. <i>International Journal of Artificial Organs</i> , 2012, 35, 679-688.	0.7	6
82	Cystatin C, a Controversial Biomarker in Hypothyroid Patients under Levothyroxine Therapy: THYRenal, a Pilot Cohort Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2958.	1.0	6
83	Altered Frequencies and Functions of Innate Lymphoid Cells in Melanoma Patients Are Modulated by Immune Checkpoints Inhibitors. <i>Frontiers in Immunology</i> , 2022, 13, 811131.	2.2	6
84	Plasma or Urine Neutrophil Gelatinase-Associated Lipocalin (NGAL): Which Is Better at Detecting Chronic Kidney Damage in Type 2 Diabetes?. <i>Endocrines</i> , 2022, 3, 175-186.	0.4	6
85	Psoriasis, a new challenge for laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1363-8.	1.4	5
86	Pyroelectric Sensor for Characterization of Biological Cells. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 223-228.	0.3	5
87	Cathepsin-K is a potential cardiovascular risk biomarker in prevalent hemodialysis patients. <i>International Urology and Nephrology</i> , 2021, 53, 171-175.	0.6	5
88	New laboratory markers for the management of rheumatoid arthritis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1729-37.	1.4	4
89	Circulating Omentin-1 levels and altered iron balance in chronic haemodialysis patients. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 303-310.	1.4	4
90	Leukocyte filtration improves pulmonary function and reduces the need for postoperative non-invasive ventilation. <i>International Journal of Artificial Organs</i> , 2012, 35, 679-688.	0.7	4

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91	New Target Genes for the Peroxisome Proliferator-Activated Receptor- γ (PPAR γ) Activity: Perspectives from the Insulin Receptor. PPAR Research, 2009, 2009, 1-8.	1.1	3
92	Comment on: Marquez et al. Low-Frequency Variants in HMGA1 Are Not Associated With Type 2 Diabetes Risk. Diabetes 2012;61:524-530. Diabetes, 2012, 61, e3-e3.	0.3	3
93	Editorial: Transcriptional Regulation of Glucose Metabolism: Gaps and Controversies. Frontiers in Endocrinology, 2019, 10, 629.	1.5	3
94	Predicting the response to SGLT-2 inhibitors as add-on therapy to multiple day injection insulin with glycated albumin: a pilot study. Minerva Endocrinology, 2022, , .	0.6	3
95	Increased circulating Cathepsin-K levels reflect PTH control in chronic hemodialysis patients. Journal of Nephrology, 2021, 34, 451-458.	0.9	2
96	Methods to Study Protein-Binding to Pseudogene Transcripts. Methods in Molecular Biology, 2021, 2324, 187-202.	0.4	2
97	A Partial Phenotype of adFNDI Related to the Signal Peptide c.55G>A Variant of the AVP Gene. Endocrines, 2021, 2, 37-43.	0.4	1
98	Circulating Omentin-1, Sustained Inflammation and Hyperphosphatemia at the Interface of Subclinical Atherosclerosis in Chronic Kidney Disease Patients on Chronic Renal Replacement Therapy. Medicina (Lithuania), 2022, 58, 890.	0.8	1
99	Laboratory Medicine to improve biological therapeutic treatment. Rivista Italiana Della Medicina Di Laboratorio, 2015, 11, 29-33.	0.2	0
100	Comment on Li et al. HMGA1: A novel predisposing gene for acute myocardial infarction. International Journal of Cardiology, 2018, 256, 38.	0.8	0
101	MO911 ALTERED CIRCULATING OMENTIN-1 LEVELS REFLECT IRON DEFICIENCY IN CHRONIC HEMODIALYSIS PATIENTS. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
102	The Camp-HMGA1-RBP4 System. , 2011, , 175-197.		0