

Renzo Cordera

List of Publications by Year in descending order

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117
papers

3,167
citations

136740

32
h-index

168136

53
g-index

119
all docs

119
docs citations

119
times ranked

4117
citing authors

#	ARTICLE	IF	CITATIONS
1	Saxagliptin given in combination with metformin as initial therapy improves glycaemic control in patients with type 2 diabetes compared with either monotherapy: a randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 611-622.	2.2	272
2	Effects on the incidence of cardiovascular events of the addition of pioglitazone versus sulfonylureas in patients with type 2 diabetes inadequately controlled with metformin (TOSCA.IT): a randomised, multicentre trial. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 887-897.	5.5	231
3	Direct inhibition of hexokinase activity by metformin at least partially impairs glucose metabolism and tumor growth in experimental breast cancer. <i>Cell Cycle</i> , 2013, 12, 3490-3499.	1.3	124
4	Insulin-like growth factor-1 and angiographically documented coronary artery disease. <i>American Journal of Cardiology</i> , 1996, 77, 200-202.	0.7	107
5	Effect of metformin treatment on insulin action in diabetic rats: In vivo and in vitro correlations. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 425-435.	1.5	104
6	Metformin Impairs Glucose Consumption and Survival in Calu-1 Cells by Direct Inhibition of Hexokinase-II. <i>Scientific Reports</i> , 2013, 3, 2070.	1.6	100
7	Metformin, cancer and glucose metabolism. <i>Endocrine-Related Cancer</i> , 2014, 21, R461-R471.	1.6	91
8	Effects of Biliopancreatic Diversion on Type 2 Diabetes in Patients With BMI 25 to 35. <i>Annals of Surgery</i> , 2011, 253, 699-703.	2.1	88
9	The plant hormone abscisic acid increases in human plasma after hyperglycemia and stimulates glucose consumption by adipocytes and myoblasts. <i>FASEB Journal</i> , 2012, 26, 1251-1260.	0.2	81
10	The Effects of Biliopancreatic Diversion on Type 2 Diabetes Mellitus in Patients with Mild Obesity (BMI) Tj ETQq0 0 0 rgBT /Overlock 10 T Surgery, 2011, 21, 880-888.	1.1	79
11	Alterations in the autonomic control of heart rate variability in patients with anorexia or bulimia nervosa: Correlations between sympathovagal activity, clinical features, and leptin levels. <i>Journal of Endocrinological Investigation</i> , 2007, 30, 356-362.	1.8	69
12	Caveolin-1 is essential for metformin inhibitory effect on IGF1 action in non-small cell lung cancer cells. <i>FASEB Journal</i> , 2012, 26, 788-798.	0.2	64
13	Serum leptin concentrations during the menstrual cycle in normal-weight women: effects of an oral triphasic estrogen-progestin medication. <i>European Journal of Endocrinology</i> , 2000, 142, 174-178.	1.9	57
14	Plasma Ghrelin Concentration in the Short-Term following Biliopancreatic Diversion. <i>Obesity Surgery</i> , 2003, 13, 889-892.	1.1	57
15	Restoration of Acute Insulin Response in T2DM Subjects 1 Month After Biliopancreatic Diversion. <i>Obesity</i> , 2008, 16, 77-81.	1.5	55
16	Substrate specificities of insulin and epidermal growth factor receptor kinases. <i>Biochemical and Biophysical Research Communications</i> , 1985, 127, 254-263.	1.0	53
17	Regional Cerebral Blood Flow and Cerebrovascular Reactivity in IDDM. <i>Diabetes Care</i> , 1993, 16, 462-468.	4.3	52
18	High-Molecular Weight Adiponectin Isoforms Increase after Biliopancreatic Diversion in Obese Subjects*. <i>Obesity</i> , 2006, 14, 1511-1514.	1.5	51

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19	IGF-I induces caveolin 1 tyrosine phosphorylation and translocation in the lipid rafts. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 1085-1089.	1.0	49
20	Evaluation of growth hormone administration in patients with chronic heart failure secondary to coronary artery disease. <i>American Journal of Cardiology</i> , 1999, 84, 430-433.	0.7	48
21	Changes in Serum Ghrelin Concentration following Biliopancreatic Diversion for Obesity. <i>Obesity</i> , 2004, 12, 684-687.	4.0	48
22	Direct modulation of insulin receptor protein tyrosine kinase by vanadate and anti-insulin receptor monoclonal antibodies. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 1474-1480.	1.0	45
23	IGF-IR Internalizes with Caveolin-1 and PTRF/Cavin in Hacat Cells. <i>PLoS ONE</i> , 2010, 5, e14157.	1.1	43
24	Increased phosphorylation of ribosomal protein S6 following microinjection of insulin receptor-kinase into <i>Xenopus</i> oocytes. <i>Nature</i> , 1986, 320, 459-461.	13.7	42
25	IGF1 regulates PKM2 function through Akt phosphorylation. <i>Cell Cycle</i> , 2015, 14, 1559-1567.	1.3	42
26	Recovery of insulin sensitivity in obese patients at short term after biliopancreatic diversion. <i>Journal of Surgical Research</i> , 2003, 113, 217-221.	0.8	40
27	Lower fasting blood glucose, glucose variability and nocturnal hypoglycaemia with glargine vs NPH basal insulin in subjects with Type 1 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 571-579.	1.1	40
28	Acute plasma glucose increase, but not early insulin response, regulates plasma ghrelin. <i>European Journal of Endocrinology</i> , 2003, 149, 403-406.	1.9	39
29	Insulin and IGF-I phosphorylate eNOS in HUVECs by a caveolin-1 dependent mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 849-852.	1.0	39
30	Specificity of Insulin-Like Growth Factor I and Insulin on Shc Phosphorylation and Grb2 Recruitment in Caveolae. <i>Endocrinology</i> , 2003, 144, 5497-5503.	1.4	38
31	Dietary intake and major food sources of polyphenols in people with type 2 diabetes: The TOSCA.IT Study. <i>European Journal of Nutrition</i> , 2018, 57, 679-688.	1.8	38
32	Caveolin-1 Down-Regulation Inhibits Insulin-Like Growth Factor-I Receptor Signal Transduction in H9C2 Rat Cardiomyoblasts. <i>Endocrinology</i> , 2008, 149, 461-465.	1.4	35
33	Effect of in Vivo Vanadate Treatment on Insulin Receptor Tyrosine Kinase Activity in Partially Pancreatectomized Diabetic Rats*. <i>Endocrinology</i> , 1990, 126, 2177-2183.	1.4	31
34	β-Cell Function Improvement After Biliopancreatic Diversion in Subjects With Type 2 Diabetes and Morbid Obesity. <i>Obesity</i> , 2010, 18, 932-936.	1.5	31
35	Impaired Increase of Plasma Abscisic Acid in Response to Oral Glucose Load in Type 2 Diabetes and in Gestational Diabetes. <i>PLoS ONE</i> , 2015, 10, e0115992.	1.1	31
36	IGF-I regulates caveolin 1 and IRS1 interaction in caveolae. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 240-243.	1.0	28

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37	Effects of Gastric Bypass on Type 2 Diabetes in Patients with BMI 30 to 35. <i>Obesity Surgery</i> , 2014, 24, 1036-1043.	1.1	24
38	Substitution of Leu for Pro-193 in the insulin receptor in a patient with a genetic form of severe insulin resistance. <i>Human Molecular Genetics</i> , 1993, 2, 1437-1441.	1.4	23
39	Long-term normalization of insulin sensitivity following biliopancreatic diversion for obesity. <i>International Journal of Obesity</i> , 2004, 28, 671-673.	1.6	23
40	The interplay between diabetes, depression and affective temperaments: A structural equation model. <i>Journal of Affective Disorders</i> , 2017, 219, 64-71.	2.0	23
41	Sulfonylurea Treatment of Type 2 Diabetic Patients Does Not Reduce the Vasodilator Response to Ischemia. <i>Diabetes Care</i> , 2001, 24, 738-742.	4.3	22
42	Effects of Three Low-Dose Oral Contraceptive Formulations on Lipid Metabolism. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1987, 66, 327-332.	1.3	21
43	C-Reactive Protein Levels at the Midpregnancy Can Predict Gestational Complications. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	21
44	Effect of two different glucose concentrations on insulin receptor mRNA levels in human hepatoma HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 160, 1415-1420.	1.0	20
45	The Human Skeletal Muscle Glycogenin Gene: cDNA, Tissue Expression, and Chromosomal Localization. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 72-77.	1.0	20
46	Serum levels of osteopontin predict diabetes remission after bariatric surgery. <i>Diabetes and Metabolism</i> , 2019, 45, 356-362.	1.4	20
47	Early reduction of matrix metalloproteinase-8 serum levels is associated with leptin drop and predicts diabetes remission after bariatric surgery. <i>International Journal of Cardiology</i> , 2017, 245, 257-262.	0.8	19
48	Cys860 in the Extracellular Domain of Insulin Receptor β -Subunit Is Critical for Internalization and Signal Transduction*. <i>Endocrinology</i> , 1998, 139, 496-504.	1.4	18
49	IGF-I induced rapid recruitment of integrin β 1 to lipid rafts is Caveolin-1 dependent. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 489-492.	1.0	18
50	Optimization of flow reserve measurement using SPECT technology to evaluate the determinants of coronary microvascular dysfunction in diabetes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 357-367.	3.3	17
51	Serum Leptin and Adiponectin Concentration in Type 2 Diabetes Patients in the Short and Long Term Following Biliopancreatic Diversion. <i>Obesity Surgery</i> , 2016, 26, 2442-2448.	1.1	17
52	Insulin receptor autophosphorylation and kinase activity in streptozotocin diabetic rats. Effect of a short fast. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 850-856.	1.0	16
53	Climepiride activates eNOS with a mechanism Akt but not caveolin-1 dependent. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 832-835.	1.0	16
54	Effects of Pioglitazone in Combination with Metformin or a Sulfonylurea Compared to a Fixed-Dose Combination of Metformin and Glibenclamide in Patients with Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2007, 9, 387-398.	2.4	16

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55	Appetite control and gastrointestinal hormonal behavior (CCK, GLP-1, PYY 1-36) following low doses of a whey protein-rich nutraceutical. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2013, 6, 259-266.	0.2	16
56	Prediction of Diabetes Remission at Long Term Following Biliopancreatic Diversion. <i>Obesity Surgery</i> , 2017, 27, 1705-1708.	1.1	16
57	Adipose Tissue Composition in Obesity and After Bariatric Surgery. <i>Obesity Surgery</i> , 2019, 29, 3030-3038.	1.1	16
58	Leptin, Ghrelin, and Adiponectin Evaluation in Transsexual Subjects During Hormonal Treatments. <i>Journal of Andrology</i> , 2008, 29, 580-585.	2.0	15
59	Baseline neutrophil-to-lymphocyte ratio is associated with long-term T2D remission after metabolic surgery. <i>Acta Diabetologica</i> , 2019, 56, 741-748.	1.2	15
60	Changes in adiponectin and leptin concentrations during glucocorticoid treatment: a pilot study in patients with polymyalgia rheumatica. <i>Annals of the New York Academy of Sciences</i> , 2010, 1193, 160-163.	1.8	14
61	Long-term clinical and functional impact of biliopancreatic diversion on type 2 diabetes in morbidly and non-morbidly obese patients. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 822-827.	1.0	14
62	Glibenclamide Mimics Metabolic Effects of Metformin in H9c2 Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 879-890.	1.1	13
63	Association between plasma insulin and angiographically documented significant coronary artery disease. <i>American Journal of Cardiology</i> , 1994, 74, 177-179.	0.7	12
64	Type 2 Diabetes Remission and Control in Overweight and in Mildly Obese Diabetic Patients at Long-Term Follow-Up After Biliopancreatic Diversion. <i>Obesity Surgery</i> , 2019, 29, 239-245.	1.1	12
65	From bariatric to metabolic surgery: Looking for a "disease modifier" surgery for type 2 diabetes. <i>World Journal of Diabetes</i> , 2016, 7, 27.	1.3	12
66	Effect of two fasting periods of different duration on ghrelin response to a mixed meal. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 471-476.	1.1	11
67	Hypoadiponectinemia in lipodystrophic HIV individuals: A metabolic marker of subclinical cardiac damage. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 277-282.	1.1	11
68	High baseline C-reactive protein levels predict partial type 2 diabetes mellitus remission after biliopancreatic diversion. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 423-429.	1.1	11
69	Advanced Glycation End-Products and Hyperglycemia Increase Angiopoietin-2 Production by Impairing Angiopoietin-1-Tie-2 System. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-7.	1.0	11
70	Inhibition of insulin and epidermal growth factor (EGF) receptor autophosphorylation by a human polyclonal IgG. <i>Biochemical and Biophysical Research Communications</i> , 1985, 132, 991-1000.	1.0	10
71	Adipokine Pattern After Bariatric Surgery: Beyond the Weight Loss. <i>Obesity Surgery</i> , 2016, 26, 2793-2801.	1.1	9
72	Tissue specificity in fasting glucose utilization in slightly obese diabetic patients submitted to bariatric surgery. <i>Obesity</i> , 2013, 21, E175-81.	1.5	8

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73	Effect of insulin receptor autophosphorylation on insulin receptor binding. <i>Molecular and Cellular Endocrinology</i> , 1986, 45, 247-252.	1.6	7
74	Species Specificity of Insulin Binding and Insulin Receptor Protein Tyrosine Kinase Activity*. <i>Endocrinology</i> , 1987, 121, 2007-2010.	1.4	7
75	The Overexpression of Insulin Receptor Makes CHO Cells Resistant to the Action of IGF-1: Role of IRS-1. <i>Biochemical and Biophysical Research Communications</i> , 1994, 205, 693-699.	1.0	7
76	Role of IRS-1 and SHC activation in 3T3-L1 fibroblasts differentiation. <i>Growth Hormone and IGF Research</i> , 1998, 8, 363-367.	0.5	7
77	Data-driven strategies for robust forecast of continuous glucose monitoring time-series. , 2017, 2017, 1680-1683.		7
78	Toxic thyroid adenoma: absence of DNA mutations of the TSH receptor and Gs alpha. <i>European Journal of Endocrinology</i> , 1998, 138, 37-40.	1.9	6
79	Caveolin-1 and polymerase I and transcript release factor: new players in insulin-like growth factor-I receptor signaling. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 204-8.	1.8	6
80	I.V. Glucose tolerance test: Correlation between FFA, glucose and IRI in normal, obese and diabetic subjects. <i>Acta Diabetologica Latina</i> , 1978, 15, 259-272.	0.2	5
81	Regulation of insulin receptor-associated tyrosine kinase by a polyclonal IgG. <i>Molecular and Cellular Endocrinology</i> , 1987, 53, 9-14.	1.6	5
82	A Ser for Cys Mutation in the Extracellular Portion of Insulin Receptor β 2-Subunit Impairs the Insulin-Insulin Receptor Complex Internalization in CHO Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 210, 931-937.	1.0	5
83	Role of proline 193 in the insulin receptor post-translational processing. <i>Diabetologia</i> , 1999, 42, 435-442.	2.9	5
84	Cys 786 and Cys 776 in the Posttranslational Processing of the Insulin and IGF-I Receptors. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 836-841.	1.0	5
85	Association of body mass index, physical activity and eating pattern in adult men. <i>Nutrition Research</i> , 2003, 23, 579-583.	1.3	5
86	Reduction of cardiovascular morbidity and mortality in Type 2 diabetes. A rational approach to hypoglycemic therapy. <i>Journal of Endocrinological Investigation</i> , 2004, 27, 485-495.	1.8	5
87	Caveolin-1 is essential for glimepiride-induced insulin secretion in the pancreatic β 2TC-6 cell line. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 235-237.	1.0	5
88	Levels of serum uric acid at admission for hypoglycaemia predict 1-year mortality. <i>Acta Diabetologica</i> , 2018, 55, 323-330.	1.2	5
89	Glycosylated haemoglobin (A1c) best values for type 2 diabetes in the battlefield much ado about nothing? (apparently). <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 48.	1.2	5
90	miR-126 Mimic Counteracts the Increased Secretion of VEGF-A Induced by High Glucose in ARPE-19 Cells. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-7.	1.0	5

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91	Insulin Receptor Regulation in Human Mature Red Cells in vitro. <i>Hormone Research</i> , 1985, 22, 270-275.	1.8	4
92	Antipeptide antibodies toward the extracellular domain of insulin receptor beta-subunit. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 1236-1243.	1.0	4
93	Low serum C-reactive protein levels predict 90-day mortality in hypoglycaemic patients. <i>Diabetes and Metabolism</i> , 2017, 43, 554-556.	1.4	4
94	Insulin Binding on MOLT 4 Cells: Effect of a Sulfonylurea. <i>Hormone Research</i> , 1984, 20, 246-251.	1.8	3
95	The extracellular portion of the insulin receptor beta-subunit regulates the cellular trafficking of the insulin-insulin receptor complex. Studies on Chinese hamster ovary cells carrying the Cys 860→Ser insulin receptor mutation. <i>European Journal of Endocrinology</i> , 2003, 148, 365-371.	1.9	3
96	HOMA, BMI, and Serum Leptin Levels Variations during Antiviral Treatment Suggest Virus-Related Insulin Resistance in Noncirrhotic, Nonobese, and Nondiabetic Chronic Hepatitis C Genotype 1 Patients. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-7.	0.7	3
97	Comment on Inzucchi et al. Management of Hyperglycemia in Type 2 Diabetes, 2015: A Patient-Centered Approach. Update to a Position Statement of the American Diabetes Association and the European Association for the Study of Diabetes. <i>Diabetes Care</i> 2015;38:140â€“149. <i>Diabetes Care</i> , 2015, 38, e125-e126.	4.3	3
98	Cys860 in the Extracellular Domain of Insulin Receptor Î²-Subunit Is Critical for Internalization and Signal Transduction. , 0, .		3
99	Influence of Cell Age and Ketoamino Linkage on Rapid Glycosylation of Hemoglobin in Human Red Cells In Vitro. <i>Hormone and Metabolic Research</i> , 1985, 17, 201-204.	0.7	2
100	Insulin-like growth factor I (IGF I) receptor autophosphorylation and kinase activity. effect of a human polyclonal-antibody (pIgG). <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 1023-1029.	1.0	2
101	Insulin analogues: fears, facts and fantasies. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 50-51.	1.7	2
102	The economic burden of severe hypoglycemia: Two sides of the same coin. Comment on G. Veronese and Coll. Costs associated with emergency care and hospitalization for severe hypoglycemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 850-851.	1.1	2
103	Skin and diabetes: an experts' opinion from the Italian diabetologists and dermatologists of the DiaDex group. <i>Giornale Italiano Di Dermatologia E Venereologia</i> , 2018, 153, 649-658.	0.8	2
104	Diabetes Resolution at 10 Years After Biliopancreatic Diversion in Overweight and Class 1 Obese Patients with Type 2 Diabetes. <i>Obesity Surgery</i> , 2022, 32, 845-851.	1.1	2
105	Exploration of the early insulin response by two small successive loads of I.V. glucose in normal and obese subjects. <i>Acta Diabetologica Latina</i> , 1978, 15, 53-67.	0.2	1
106	Assessing the Actual Clinical Effectiveness of Metabolic/Bariatric Surgery for the Type 2 Diabetes Therapy. <i>Obesity Surgery</i> , 2017, 27, 1886-1888.	1.1	1
107	Bariatric or Metabolic Surgery?. <i>Obesity Surgery</i> , 2019, 29, 303-303.	1.1	1
108	Insulin action in subjects with type 2 diabetes following biliopancreatic diversion. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13727.	1.7	1

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109	Linkage analysis does not support a role for glucokinase gene in the aetiology of type 2 diabetes mellitus among North Western Italians. <i>Molecular and Cellular Endocrinology</i> , 1994, 104, 147-151.	1.6	0
110	P-35: CYS 860 in the insulin receptor β subunit is critical for signal transduction in transfected CHO cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 99-100.	0.6	0
111	Comments on ORIGIN trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, e33-e34.	1.1	0
112	Glucose-targeted therapy for subjects with type 2 diabetes mellitus: primum non nocere. <i>European Journal of Clinical Investigation</i> , 2017, 47, 691-693.	1.7	0
113	Switching from Glargine to Degludec is not associated with an overt change in glucose control in a cohort of patients with type 1 diabetes: a CGM analysis. <i>Acta Diabetologica</i> , 2018, 55, 637-639.	1.2	0
114	Antiapolipoprotein A-1 Autoantibody Positivity Is Associated with Threatened Abortion. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	0
115	Prediction of Type 2 Diabetes Remission at Long-term Following Biliopancreatic Diversion: the Relative Role of Different Metabolic Attitudes. <i>Obesity Surgery</i> , 2021, 31, 4159-4160.	1.1	0
116	Type 1 diabetes and technology at time of COVID-19: A case report. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13290.	1.7	0
117	Universal versus risk factor screening for gestational diabetes mellitus. <i>Clinical and Experimental Obstetrics and Gynecology</i> , 2018, 45, 53-57.	0.1	0