

# Barbora de Courten

## List of Publications by Citations

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159  
papers

22,774  
citations

48  
h-index

150  
g-index

171  
ext. papers

30,011  
ext. citations

7.1  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
159	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2018</b> , 392, 1789-1858	40	4524
158	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1211-1259	40	3432
157	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1151-1210	40	2542
156	Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2018</b> , 392, 1015-1035	40	1171
155	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1260-1344	40	1152
154	Global, regional, and national burden of stroke, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , <b>2019</b> , 18, 439-458	24.1	1102
153	High white blood cell count is associated with a worsening of insulin sensitivity and predicts the development of type 2 diabetes. <i>Diabetes</i> , <b>2002</b> , 51, 455-61	0.9	573
152	High alanine aminotransferase is associated with decreased hepatic insulin sensitivity and predicts the development of type 2 diabetes. <i>Diabetes</i> , <b>2002</b> , 51, 1889-95	0.9	512
151	Plasma adiponectin concentration is associated with skeletal muscle insulin receptor tyrosine phosphorylation, and low plasma concentration precedes a decrease in whole-body insulin sensitivity in humans. <i>Diabetes</i> , <b>2002</b> , 51, 1884-8	0.9	453
150	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1084-1150	40	421
149	Circulating interleukin-6 in relation to adiposity, insulin action, and insulin secretion. <i>Obesity</i> , <b>2001</b> , 9, 414-7		411
148	Advanced glycation endproducts in food and their effects on health. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 60, 10-37	4.7	408
147	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2018</b> , 391, 2236-2271	40	381
146	Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the</i> , <b>2020</b> , 8, 585-596	35.1	334
145	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2020</b> , 5, 245-266	18.8	297
144	High-density lipoprotein modulates glucose metabolism in patients with type 2 diabetes mellitus. <i>Circulation</i> , <b>2009</b> , 119, 2103-11	16.7	281
143	High circulating ghrelin: a potential cause for hyperphagia and obesity in prader-willi syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 5461-4	5.6	280

142	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , <b>2017</b> , 390, 1423-1459	40	224
141	Metformin and lifestyle modification in polycystic ovary syndrome: systematic review and meta-analysis. <i>Human Reproduction Update</i> , <b>2015</b> , 21, 560-74	15.8	185
140	The interleukin-6 (-174) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , <b>2003</b> , 112, 409-13	6.3	145
139	High serum resistin is associated with an increase in adiposity but not a worsening of insulin resistance in Pima Indians. <i>Diabetes</i> , <b>2004</b> , 53, 1279-84	0.9	130
138	Body weight gain in free-living Pima Indians: effect of energy intake vs expenditure. <i>International Journal of Obesity</i> , <b>2003</b> , 27, 1578-83	5.5	120
137	Sarcopenia and type 2 diabetes mellitus: a bidirectional relationship. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2019</b> , 12, 1057-1072	3.4	113
136	Inflammatory and Other Biomarkers: Role in Pathophysiology and Prediction of Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 13442-73	6.3	113
135	The complex immunological and inflammatory network of adipose tissue in obesity. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 43-57	5.9	111
134	The effect of salsalate on insulin action and glucose tolerance in obese non-diabetic patients: results of a randomised double-blind placebo-controlled study. <i>Diabetologia</i> , <b>2009</b> , 52, 385-93	10.3	102
133	Metformin Use Associated with Reduced Risk of Dementia in Patients with Diabetes: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 65, 1225-1236	4.3	101
132	Sympathetic neural adaptation to hypocaloric diet with or without exercise training in obese metabolic syndrome subjects. <i>Diabetes</i> , <b>2010</b> , 59, 71-9	0.9	91
131	Plasma adiponectin and endogenous glucose production in humans. <i>Diabetes Care</i> , <b>2003</b> , 26, 3315-9	14.6	89
130	Consumption of a diet low in advanced glycation end products for 4 weeks improves insulin sensitivity in overweight women. <i>Diabetes Care</i> , <b>2014</b> , 37, 88-95	14.6	85
129	The Gln223Arg polymorphism of the leptin receptor in Pima Indians: influence on energy expenditure, physical activity and lipid metabolism. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 1629-32	5.5	85
128	Glucose allostasis. <i>Diabetes</i> , <b>2003</b> , 52, 903-9	0.9	84
127	Targeted reduction of advanced glycation improves renal function in obesity. <i>Kidney International</i> , <b>2011</b> , 80, 190-8	9.9	83
126	Adipogenic human adenovirus Ad-36 induces commitment, differentiation, and lipid accumulation in human adipose-derived stem cells. <i>Stem Cells</i> , <b>2008</b> , 26, 969-78	5.8	83
125	Effects of carnosine supplementation on glucose metabolism: Pilot clinical trial. <i>Obesity</i> , <b>2016</b> , 24, 1027-84		81

124	A C-reactive protein promoter polymorphism is associated with type 2 diabetes mellitus in Pima Indians. <i>Molecular Genetics and Metabolism</i> , <b>2003</b> , 78, 136-44	3.7	78
123	Subcutaneous abdominal preadipocyte differentiation in vitro inversely correlates with central obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E958-62	6	76
122	Common Polymorphisms in the Adiponectin Gene ACDC Are Not Associated With Diabetes in Pima Indians. <i>Diabetes</i> , <b>2005</b> , 54, 284-9	0.9	75
121	Diet low in advanced glycation end products increases insulin sensitivity in healthy overweight individuals: a double-blind, randomized, crossover trial. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 1426-33	7	71
120	Vitamin D supplementation has no effect on insulin sensitivity or secretion in vitamin D-deficient, overweight or obese adults: a randomized placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 1372-1381	7	70
119	Higher prevalence of type 2 diabetes, metabolic syndrome and cardiovascular diseases in gypsies than in non-gypsies in Slovakia. <i>Diabetes Research and Clinical Practice</i> , <b>2003</b> , 62, 95-103	7.4	66
118	Changes in energy metabolism in response to 48 h of overfeeding and fasting in Caucasians and Pima Indians. <i>International Journal of Obesity</i> , <b>2001</b> , 25, 593-600	5.5	61
117	Smartphone-based cognitive bias modification training improves healthy food choice in obesity: A pilot study. <i>European Eating Disorders Review</i> , <b>2018</b> , 26, 526-532	5.3	58
116	The Emerging Role of Chronic Low-Grade Inflammation in the Pathophysiology of Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , <b>2015</b> , 33, 257-69	1.4	56
115	Low plasma adiponectin concentrations do not predict weight gain in humans. <i>Diabetes</i> , <b>2002</b> , 51, 2964-7.9		56
114	Advanced Glycation End Products, Oxidation Products, and Incident Cardiovascular Events in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 570-576	14.6	55
113	Inter-related effects of insulin resistance, hyperandrogenism, sympathetic dysfunction and chronic inflammation in PCOS. <i>Clinical Endocrinology</i> , <b>2018</b> , 89, 628-633	3.4	51
112	Vitamin D supplementation for improvement of chronic low-grade inflammation in patients with type 2 diabetes: a systematic review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , <b>2018</b> , 76, 380-394	6.4	49
111	Sympathetic activation and endothelial dysfunction in polycystic ovary syndrome are not explained by either obesity or insulin resistance. <i>Clinical Endocrinology</i> , <b>2015</b> , 83, 812-9	3.4	47
110	Sarcopenia: a potential cause and consequence of type 2 diabetes in Australia's ageing population?. <i>Medical Journal of Australia</i> , <b>2016</b> , 205, 329-33	4	46
109	Physiological and therapeutic effects of carnosine on cardiometabolic risk and disease. <i>Amino Acids</i> , <b>2016</b> , 48, 1131-49	3.5	44
108	The Potential of Carnosine in Brain-Related Disorders: A Comprehensive Review of Current Evidence. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	41
107	Effects of vitamin D supplementation on inflammatory markers in heart failure: a systematic review and meta-analysis of randomized controlled trials. <i>Scientific Reports</i> , <b>2018</b> , 8, 1169	4.9	41

106	Depression and diabetes distress in adults with type 2 diabetes: results from the Australian National Diabetes Audit (ANDA) 2016. <i>Scientific Reports</i> , <b>2018</b> , 8, 7846	4.9	41
105	Plasma concentrations of macrophage migration inhibitory factor are elevated in Pima Indians compared to Caucasians and are associated with insulin resistance. <i>Diabetologia</i> , <b>2002</b> , 45, 1739-41	10.3	39
104	A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect. <i>Scientific Reports</i> , <b>2016</b> , 6, 27224	4.9	39
103	Effect of vitamin D supplementation on inflammation: protocol for a systematic review. <i>BMJ Open</i> , <b>2016</b> , 6, e010804	3	37
102	Consumption of diets with low advanced glycation end products improves cardiometabolic parameters: meta-analysis of randomised controlled trials. <i>Scientific Reports</i> , <b>2017</b> , 7, 2266	4.9	36
101	The role of traditional cardiovascular risk factors among patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2009</b> , 36, 34-40	4.1	35
100	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	34
99	Carnosine and the processes of ageing. <i>Maturitas</i> , <b>2016</b> , 93, 28-33	5	33
98	Vitamin D supplementation for the prevention of type 2 diabetes in overweight adults: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2015</b> , 16, 335	2.8	30
97	c-Jun NH2-terminal kinase activity in subcutaneous adipose tissue but not nuclear factor-kappaB activity in peripheral blood mononuclear cells is an independent determinant of insulin resistance in healthy individuals. <i>Diabetes</i> , <b>2009</b> , 58, 1259-65	0.9	30
96	Contemporary type 1 diabetes pregnancy outcomes: impact of obesity and glycaemic control. <i>Medical Journal of Australia</i> , <b>2016</b> , 205, 162-7	4	30
95	Pancreatic polypeptide is involved in the regulation of body weight in pima Indian male subjects. <i>Diabetes</i> , <b>2004</b> , 53, 3091-6	0.9	29
94	Coffee Intake Is Associated with a Lower Liver Stiffness in Patients with Non-Alcoholic Fatty Liver Disease, Hepatitis C, and Hepatitis B. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	28
93	Parasympathetic blockade attenuates augmented pancreatic polypeptide but not insulin secretion in Pima Indians. <i>Diabetes</i> , <b>2004</b> , 53, 663-71	0.9	28
92	Vitamin D in polycystic ovary syndrome: Relationship to obesity and insulin resistance. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 110-8	5.9	28
91	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	28
90	25-hydroxyvitamin D is associated with adiposity and cardiometabolic risk factors in a predominantly vitamin D-deficient and overweight/obese but otherwise healthy cohort. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 173, 258-264	5.1	27
89	Impact of type 2 diabetes, obesity and glycaemic control on pregnancy outcomes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 57, 308-314	1.7	27

88	Burden and trend of diet-related non-communicable diseases in Australia and comparison with 34 OECD countries, 1990-2015: findings from the Global Burden of Disease Study 2015. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 1299-1313	5.2	27
87	The association between dysregulated adipocytokines in early pregnancy and development of gestational diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2017</b> , 33, e2926	7.5	24
86	Muscle Carnosine Is Associated with Cardiometabolic Risk Factors in Humans. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138707	3.7	24
85	Vitamin D and cardiometabolic disorders: a review of current evidence, genetic determinants and pathomechanisms. <i>Obesity Reviews</i> , <b>2019</b> , 20, 262-277	10.6	24
84	Metabolic Syndrome and Its Associations with Components of Sarcopenia in Overweight and Obese Older Adults. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	23
83	Effect of dietary advanced glycation end products on inflammation and cardiovascular risks in healthy overweight adults: a randomised crossover trial. <i>Scientific Reports</i> , <b>2017</b> , 7, 4123	4.9	23
82	Advanced glycation end products (AGEs) are cross-sectionally associated with insulin secretion in healthy subjects. <i>Amino Acids</i> , <b>2014</b> , 46, 321-6	3.5	23
81	Plasma adiponectin levels are not associated with fat oxidation in humans. <i>Obesity</i> , <b>2002</b> , 10, 1016-20		22
80	Muscle histidine-containing dipeptides are elevated by glucose intolerance in both rodents and men. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121062	3.7	21
79	The relationship between heat shock protein 72 expression in skeletal muscle and insulin sensitivity is dependent on adiposity. <i>Metabolism: Clinical and Experimental</i> , <b>2010</b> , 59, 1556-61	12.7	21
78	Relationship between vitamin D and gestational diabetes in overweight or obese pregnant women may be mediated by adiponectin. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700488	5.9	20
77	Effect of vitamin D supplementation on inflammation and nuclear factor kappa-B activity in overweight/obese adults: a randomized placebo-controlled trial. <i>Scientific Reports</i> , <b>2017</b> , 7, 15154	4.9	20
76	Shared Medical Appointments May Be Effective for Improving Clinical and Behavioral Outcomes in Type 2 Diabetes: A Narrative Review. <i>Frontiers in Endocrinology</i> , <b>2017</b> , 8, 263	5.7	19
75	Lipidomic profiling reveals early-stage metabolic dysfunction in overweight or obese humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 335-343	5	19
74	Asthma in reproductive-aged women with polycystic ovary syndrome and association with obesity. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	18
73	Improved spectral resolution and high reliability of in vivo (1) H MRS at 7 T allow the characterization of the effect of acute exercise on carnosine in skeletal muscle. <i>NMR in Biomedicine</i> , <b>2016</b> , 29, 24-32	4.4	18
72	Vitamin D and symptoms of depression in overweight or obese adults: A cross-sectional study and randomized placebo-controlled trial. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 177, 200-208	5.1	18
71	Effects of supplementation with carnosine and other histidine-containing dipeptides on chronic disease risk factors and outcomes: protocol for a systematic review of randomised controlled trials. <i>BMJ Open</i> , <b>2018</b> , 8, e020623	3	17



70	Bioavailable and free 25-hydroxyvitamin D and vitamin D binding protein in polycystic ovary syndrome: Relationships with obesity and insulin resistance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 177, 209-215	5.1	16
69	Higher glomerular filtration rate is related to insulin resistance but not to obesity in a predominantly obese non-diabetic cohort. <i>Scientific Reports</i> , <b>2017</b> , 7, 45522	4.9	15
68	Vitamin D in Reproductive Health and Pregnancy. <i>Seminars in Reproductive Medicine</i> , <b>2016</b> , 34, e1-13	1.4	15
67	11beta-hydroxysteroid dehydrogenase type 1 in adipose tissue and prospective changes in body weight and insulin resistance. <i>Obesity</i> , <b>2006</b> , 14, 1515-22	8	15
66	Emergency treatment of hypoglycaemia: a guideline and evidence review. <i>Diabetic Medicine</i> , <b>2017</b> , 34, 1205-1211	3.5	14
65	Genetic basis of type 2 diabetes mellitus: implications for therapy. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , <b>2004</b> , 3, 257-67		14
64	Potentially inappropriate prescribing and its associations with health-related and system-related outcomes in hospitalised older adults: A systematic review and meta-analysis. <i>British Journal of Clinical Pharmacology</i> , <b>2021</b> , 87, 4150-4172	3.8	14
63	Increased Inflammation and Cardiometabolic Risk in Individuals with Low Copy Numbers. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	13
62	Effect of carnosine supplementation on the plasma lipidome in overweight and obese adults: a pilot randomised controlled trial. <i>Scientific Reports</i> , <b>2017</b> , 7, 17458	4.9	13
61	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese Otherwise Healthy Adults: A Pilot Randomized Trial. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	13
60	Time series modelling to forecast prehospital EMS demand for diabetic emergencies. <i>BMC Health Services Research</i> , <b>2017</b> , 17, 332	2.9	12
59	Plasma advanced glycation end products (AGEs) and NF- $\kappa$ B activity are independent determinants of diastolic and pulse pressure. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 129-38	5.9	12
58	Plasma 25-Hydroxyvitamin D Is Related to Protein Signaling Involved in Glucose Homeostasis in a Tissue-Specific Manner. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	12
57	Exploring factors related to changes in body composition, insulin sensitivity and aerobic capacity in response to a 12-week exercise intervention in overweight and obese women with and without polycystic ovary syndrome. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182412	3.7	11
56	Adipsin Concentrations Are Associated with Back Pain Independently of Adiposity in Overweight or Obese Adults. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 93	4.6	11
55	Younger people with Type 2 diabetes have poorer self-care practices compared with older people: results from the Australian National Diabetes Audit. <i>Diabetic Medicine</i> , <b>2018</b> , 35, 1087-1095	3.5	11
54	Effect of cortisol on muscle sympathetic nerve activity in Pima Indians and Caucasians. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3218-26	5.6	11
53	Brown adipose tissue thermogenesis in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , <b>2019</b> , 90, 425-432	4.3	11

52	High-molecular-weight adiponectin is inversely associated with sympathetic activity in polycystic ovary syndrome. <i>Fertility and Sterility</i> , <b>2018</b> , 109, 532-539	4.8	10
51	Vitamin D and cardiometabolic risk factors and diseases. <i>Minerva Endocrinologica</i> , <b>2015</b> , 40, 213-30	1.9	10
50	Histidine-containing dipeptides reduce central obesity and improve glycaemic outcomes: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , <b>2020</b> , 21, e12975	10.6	9
49	Vitamin D supplementation may improve back pain disability in vitamin D deficient and overweight or obese adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 185, 212-217	5.1	9
48	The relationship between 25-hydroxyvitamin D concentration and liver enzymes in overweight or obese adults: Cross-sectional and interventional outcomes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 177, 193-199	5.1	8
47	Vitamin D supplementation increases adipokine concentrations in overweight or obese adults. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 195-204	5.2	8
46	Understanding the antioxidant and carbonyl sequestering activity of carnosine: direct and indirect mechanisms. <i>Free Radical Research</i> , <b>2021</b> , 55, 321-330	4	7
45	Sarcopenia: a potential cause and consequence of type 2 diabetes in Australia's ageing population?. <i>Medical Journal of Australia</i> , <b>2017</b> , 207, 89	4	7
44	Role of serum biomarkers to optimise a validated clinical risk prediction tool for gestational diabetes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2019</b> , 59, 251-257	1.7	7
43	Does supplementation with carnosine improve cardiometabolic health and cognitive function in patients with pre-diabetes and type 2 diabetes? study protocol for a randomised, double-blind, placebo-controlled trial. <i>BMJ Open</i> , <b>2017</b> , 7, e017691	3	7
42	Salsalate has no effect on insulin secretion but decreases insulin clearance: a randomized, placebo-controlled trial in subjects without diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2015</b> , 17, 608-612	6.7	7
41	The dietary inflammatory index, obesity, type 2 diabetes, and cardiovascular risk factors and diseases. <i>Obesity Reviews</i> , <b>2022</b> , 23, e13349	10.6	7
40	Are Lifestyle Interventions to Reduce Excessive Gestational Weight Gain Cost Effective? A Systematic Review. <i>Current Diabetes Reports</i> , <b>2020</b> , 20, 6	5.6	7
39	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 605	5.7	7
38	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 103-9	5.9	7
37	The Relationship between Vitamin D Metabolites and Androgens in Women with Polycystic Ovary Syndrome. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
36	Carnosine supplementation reduces plasma soluble transferrin receptor in healthy overweight or obese individuals: a pilot randomised trial. <i>Amino Acids</i> , <b>2019</b> , 51, 73-81	3.5	6
35	Effect of 16-weeks vitamin D replacement on calcium-phosphate homeostasis in overweight and obese adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 186, 169-175	5.1	6



34	Exercise attenuates bone mineral density loss during diet-induced weight loss in adults with overweight and obesity: A systematic review and meta-analysis. <i>Journal of Sport and Health Science</i> , <b>2021</b> , 10, 550-559	8.2	6
33	Systematic Review of the Effects of Ultraviolet Radiation on Markers of Metabolic Dysfunction. <i>Clinical Biochemist Reviews</i> , <b>2019</b> , 40, 147-162	7.3	5
32	Vitamin D supplementation improves waist-to-hip ratio and fasting blood glucose in vitamin D deficient, overweight or obese Asians: A pilot secondary analysis of a randomised controlled trial. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 186, 136-141	5.1	5
31	Dyslipidaemia as a risk factor for erectile dysfunction in type 2 diabetes mellitus patients. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2019</b> , 13, 748-753	8.9	5
30	Effect of Central Sympathoinhibition With Moxonidine on Sympathetic Nervous Activity in Polycystic Ovary Syndrome-A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1486	4.6	5
29	Outcomes of people with severe hypoglycaemia requiring prehospital emergency medical services management: a prospective study. <i>Diabetologia</i> , <b>2019</b> , 62, 1868-1879	10.3	4
28	Insulin infusion reduces hepatocyte growth factor in lean humans. <i>Metabolism: Clinical and Experimental</i> , <b>2013</b> , 62, 647-50	12.7	4
27	Dietary Advanced Glycation End Products Consumption as a Direct Modulator of Insulin Sensitivity in Overweight Humans: A Study Protocol for a Double-Blind, Randomized, Two Period Cross-Over Trial. <i>JMIR Research Protocols</i> , <b>2015</b> , 4, e93	2	4
26	Treatment with high dose salicylates improves cardiometabolic parameters: Meta-analysis of randomized controlled trials. <i>Metabolism: Clinical and Experimental</i> , <b>2017</b> , 71, 94-106	12.7	3
25	Low AMY1 Copy Number Is Cross-Sectionally Associated to an Inflammation-Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1901159	5.9	3
24	Geographical variation of diabetic emergencies attended by prehospital Emergency Medical Services is associated with measures of ethnicity and socioeconomic status. <i>Scientific Reports</i> , <b>2018</b> , 8, 5122	4.9	3
23	Associations of Vitamin D with Inter- and Intra-Muscular Adipose Tissue and Insulin Resistance in Women with and without Polycystic Ovary Syndrome. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	3
22	Disparity in the micronutrient content of diets high or low in advanced glycation end products (AGEs) does not explain changes in insulin sensitivity. <i>International Journal of Food Sciences and Nutrition</i> , <b>2017</b> , 68, 1021-1026	3.7	2
21	Sex-specific associations between insulin resistance and bone parameters in overweight and obese older adults. <i>Clinical Endocrinology</i> , <b>2019</b> , 90, 680-689	3.4	2
20	Carnosine and histidine-containing dipeptides improve dyslipidemia: a systematic review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , <b>2020</b> , 78, 939-951	6.4	2
19	Association between Diet Quality Indices and Incidence of Type 2 Diabetes in the Melbourne Collaborative Cohort Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
18	Anti-Cancer Effects of Carnosine-A Dipeptide Molecule. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
17	Diet scores and prediction of general and abdominal obesity in the Melbourne collaborative cohort study. <i>Public Health Nutrition</i> , <b>2021</b> , 24, 6157-6168	3.3	2

16	Serum 25-hydroxyvitamin D concentrations are associated with nuclear factor kappa-B activity but not with inflammatory markers in healthy normoglycemic adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 177, 216-222	5.1	2
15	Associations between Urinary Advanced Glycation End Products and Cardiometabolic Parameters in Metabolically Healthy Obese Women. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	1
14	Sexual dysfunction in men with multiple sclerosis. <i>Systematic Reviews</i> , <b>2021</b> , 10, 86	3	1
13	Plasma Phospholipids with Long-Chain Polyunsaturated Fatty Acids and Dihydroceramides at the Crossroads of Iron Stores and Insulin Resistance. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1901055	5.9	0
12	Effectiveness of community-based health education and home support program to reduce blood pressure among patients with uncontrolled hypertension in Nepal: A cluster-randomized trial. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258406	3.7	0
11	Shared Medical Appointments and Mindfulness for Type 2 Diabetes-A Mixed-Methods Feasibility Study. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 570777	5.7	0
10	Use of carnosine in the prevention of cardiometabolic risk factors in overweight and obese individuals: study protocol for a randomised, double-blind placebo-controlled trial. <i>BMJ Open</i> , <b>2021</b> , 11, e043680	3	0
9	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2100164	5.9	0
8	Quality of Care and One-Year Outcomes in Patients with Diabetes Hospitalised for Stroke or TIA: A Linked Registry Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2021</b> , 30, 106083	2.8	0
7	Productivity Benefits of Preventing Type 2 Diabetes in Australia: A 10-Year Analysis. <i>Diabetes Care</i> , <b>2021</b> , 44, 715-721	14.6	0
6	Husbands participation in birth preparedness and complication readiness plan in Kucha district, Gamo Zone, Southern Ethiopia.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261936	3.7	0
5	Serum 25-hydroxyvitamin D concentration is not associated with glomerular filtration rate in a predominantly obese otherwise healthy population. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 173, 253-257	5.1	
4	Reply to the Letter to the Editor from J. Matthews and C. Sale. <i>Obesity Reviews</i> , <b>2020</b> , 21, e13043	10.6	
3	Reply: Metformin for women with hyperandrogenic anovulation. <i>Human Reproduction Update</i> , <b>2016</b> , 22, 407	15.8	
2	Influence of AMY1A copy number variations on obesity and other cardiometabolic risk factors: A review of the evidence. <i>Obesity Reviews</i> , <b>2021</b> , 22, e13205	10.6	
1	Associations between hyper-polypharmacy and potentially inappropriate prescribing with clinical and functional outcomes in older adults.. <i>Expert Opinion on Drug Safety</i> , <b>2022</b> , 1-10	4.1	