

Barbora de Courten

List of Publications by Year in descending order

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Version: 2024-02-01

167
papers

36,572
citations

26626

56
h-index

5255

165
g-index

171
all docs

171
docs citations

171
times ranked

57146
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1789-1858.	13.7	8,569
2	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1211-1259.	13.7	5,578
3	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1151-1210.	13.7	3,565
4	Alcohol use and burden for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018, 392, 1015-1035.	13.7	2,005
5	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 439-458.	10.2	2,005
6	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1260-1344.	13.7	1,589
7	Prevalence and attributable health burden of chronic respiratory diseases, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the</i> , 2020, 8, 585-596.	10.7	1,049
8	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 245-266.	8.1	823
9	High White Blood Cell Count Is Associated With a Worsening of Insulin Sensitivity and Predicts the Development of Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 455-461.	0.6	672
10	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> , 2018, 391, 2236-2271.	13.7	638
11	High Alanine Aminotransferase Is Associated With Decreased Hepatic Insulin Sensitivity and Predicts the Development of Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 1889-1895.	0.6	615
12	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1084-1150.	13.7	573
13	Advanced glycation endproducts in food and their effects on health. <i>Food and Chemical Toxicology</i> , 2013, 60, 10-37.	3.6	567
14	Circulating Interleukinâ€6 in Relation to Adiposity, Insulin Action, and Insulin Secretion. <i>Obesity</i> , 2001, 9, 414-417.	4.0	507
15	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> , 2002, 51, 1884-1888.	0.6	491
16	High-Density Lipoprotein Modulates Glucose Metabolism in Patients With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2009, 119, 2103-2111.	1.6	363
17	High Circulating Ghrelin: A Potential Cause for Hyperphagia and Obesity in Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5461-5464.	3.6	317
18	<p>>Sarcopenia and type 2 diabetes mellitus: a bidirectional relationship<p>>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 1057-1072.	2.4	285

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19	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> , 2017, 390, 1423-1459.	13.7	284
20	Metformin and lifestyle modification in polycystic ovary syndrome: systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2015, 21, 560-574.	10.8	250
21	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> , 2018, 65, 1225-1236.	2.6	180
22	Inflammatory and Other Biomarkers: Role in Pathophysiology and Prediction of Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13442-13473.	4.1	161
23	The interleukin-6 (rs174) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , 2003, 112, 409-413.	3.8	157
24	Body weight gain in free-living Pima Indians: effect of energy intake vs expenditure. <i>International Journal of Obesity</i> , 2003, 27, 1578-1583.	3.4	148
25	High Serum Resistin Is Associated With an Increase in Adiposity But Not a Worsening of Insulin Resistance in Pima Indians. <i>Diabetes</i> , 2004, 53, 1279-1284.	0.6	143
26	The complex immunological and inflammatory network of adipose tissue in obesity. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 43-57.	3.3	139
27	Effects of carnosine supplementation on glucose metabolism: Pilot clinical trial. <i>Obesity</i> , 2016, 24, 1027-1034.	3.0	116
28	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> , 2009, 52, 385-393.	6.3	115
29	Sympathetic Neural Adaptation to Hypocaloric Diet With or Without Exercise Training in Obese Metabolic Syndrome Subjects. <i>Diabetes</i> , 2010, 59, 71-79.	0.6	104
30	Targeted reduction of advanced glycation improves renal function in obesity. <i>Kidney International</i> , 2011, 80, 190-198.	5.2	102
31	Consumption of a Diet Low in Advanced Glycation End Products for 4 Weeks Improves Insulin Sensitivity in Overweight Women. <i>Diabetes Care</i> , 2014, 37, 88-95.	8.6	102
32	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> , 2016, 103, 1426-1433.	4.7	101
33	Plasma Adiponectin and Endogenous Glucose Production in Humans. <i>Diabetes Care</i> , 2003, 26, 3315-3319.	8.6	98
34	Adipogenic Human Adenovirus Ad-36 Induces Commitment, Differentiation, and Lipid Accumulation in Human Adipose-Derived Stem Cells. <i>Stem Cells</i> , 2008, 26, 969-978.	3.2	98
35	Glucose Allostasis. <i>Diabetes</i> , 2003, 52, 903-909.	0.6	97
36	Interrelated effects of insulin resistance, hyperandrogenism, sympathetic dysfunction and chronic inflammation in PCOS. <i>Clinical Endocrinology</i> , 2018, 89, 628-633.	2.4	97

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37	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> , 2002, 26, 1629-1632.	3.4	95
38	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> , 2017, 105, 1372-1381.	4.7	94
39	The dietary inflammatory index, obesity, type 2 diabetes, and cardiovascular risk factors and diseases. <i>Obesity Reviews</i> , 2022, 23, e13349.	6.5	90
40	Advanced Glycation End Products, Oxidation Products, and Incident Cardiovascular Events in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2018, 41, 570-576.	8.6	87
41	A C-reactive protein promoter polymorphism is associated with type 2 diabetes mellitus in Pima Indians. <i>Molecular Genetics and Metabolism</i> , 2003, 78, 136-144.	1.1	84
42	Common Polymorphisms in the Adiponectin Gene <i>ACDC</i> Are Not Associated With Diabetes in Pima Indians. <i>Diabetes</i> , 2005, 54, 284-289.	0.6	84
43	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> , 2018, 76, 380-394.	5.8	84
44	Smartphone-based cognitive bias modification training improves healthy food choice in obesity: A pilot study. <i>European Eating Disorders Review</i> , 2018, 26, 526-532.	4.1	84
45	Sarcopenia: a potential cause and consequence of type 2 diabetes in Australia's ageing population?. <i>Medical Journal of Australia</i> , 2016, 205, 329-333.	1.7	83
46	Subcutaneous abdominal preadipocyte differentiation in vitro inversely correlates with central obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E958-E962.	3.5	82
47	The Emerging Role of Chronic Low-Grade Inflammation in the Pathophysiology of Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 257-269.	1.1	82
48	Depression and diabetes distress in adults with type 2 diabetes: results from the Australian National Diabetes Audit (ANDA) 2016. <i>Scientific Reports</i> , 2018, 8, 7846.	3.3	80
49	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> , 2003, 62, 95-103.	2.8	74
50	Changes in energy metabolism in response to 48h of overfeeding and fasting in Caucasians and Pima Indians. <i>International Journal of Obesity</i> , 2001, 25, 593-600.	3.4	72
51	The Potential of Carnosine in Brain-Related Disorders: A Comprehensive Review of Current Evidence. <i>Nutrients</i> , 2019, 11, 1196.	4.1	68
52	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 452.	2.4	68
53	Low Plasma Adiponectin Concentrations Do Not Predict Weight Gain in Humans. <i>Diabetes</i> , 2002, 51, 2964-2967.	0.6	66
54	Physiological and therapeutic effects of carnosine on cardiometabolic risk and disease. <i>Amino Acids</i> , 2016, 48, 1131-1149.	2.7	63

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55	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> , 2018, 8, 1169.	3.3	63
56	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> , 2021, 87, 4150-4172.	2.4	62
57	Sympathetic activation and endothelial dysfunction in polycystic ovary syndrome are not explained by either obesity or insulin resistance. <i>Clinical Endocrinology</i> , 2015, 83, 812-819.	2.4	60
58	Consumption of diets with low advanced glycation end products improves cardiometabolic parameters: meta-analysis of randomised controlled trials. <i>Scientific Reports</i> , 2017, 7, 2266.	3.3	58
59	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. <i>Nutrients</i> , 2019, 11, 2888.	4.1	58
60	Effect of vitamin D supplementation on inflammation: protocol for a systematic review. <i>BMJ Open</i> , 2016, 6, e010804.	1.9	54
61	A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect. <i>Scientific Reports</i> , 2016, 6, 27224.	3.3	53
62	Carnosine and the processes of ageing. <i>Maturitas</i> , 2016, 93, 28-33.	2.4	52
63	Understanding the antioxidant and carbonyl sequestering activity of carnosine: direct and indirect mechanisms. <i>Free Radical Research</i> , 2021, 55, 321-330.	3.3	50
64	Metabolic Syndrome and Its Associations with Components of Sarcopenia in Overweight and Obese Older Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 145.	2.4	49
65	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> , 2019, 58, 1299-1313.	3.9	49
66	Plasma concentrations of macrophage migration inhibitory factor are elevated in Pima Indians compared to Caucasians and are associated with insulin resistance. <i>Diabetologia</i> , 2002, 45, 1739-1741.	6.3	45
67	Impact of type 2 diabetes, obesity and glycaemic control on pregnancy outcomes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2017, 57, 308-314.	1.0	43
68	The Role of Traditional Cardiovascular Risk Factors Among Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2009, 36, 34-40.	2.0	42
69	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> , 2017, 173, 258-264.	2.5	42
70	Brown adipose tissue thermogenesis in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2019, 90, 425-432.	2.4	40
71	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. <i>Frontiers in Endocrinology</i> , 2020, 11, 605.	3.5	39
72	Vitamin D supplementation for the prevention of type 2 diabetes in overweight adults: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 335.	1.6	38

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73	Contemporary type 1 diabetes pregnancy outcomes: impact of obesity and glycaemic control. <i>Medical Journal of Australia</i> , 2016, 205, 162-167.	1.7	38
74	Vitamin D in polycystic ovary syndrome: Relationship to obesity and insulin resistance. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 110-118.	3.3	37
75	Pancreatic Polypeptide Is Involved in the Regulation of Body Weight in Pima Indian Male Subjects. <i>Diabetes</i> , 2004, 53, 3091-3096.	0.6	36
76	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> , 2017, 9, 56.	4.1	36
77	Vitamin D and cardiometabolic disorders: a review of current evidence, genetic determinants and pathomechanisms. <i>Obesity Reviews</i> , 2019, 20, 262-277.	6.5	36
78	Effect of dietary advanced glycation end products on inflammation and cardiovascular risks in healthy overweight adults: a randomised crossover trial. <i>Scientific Reports</i> , 2017, 7, 4123.	3.3	35
79	c-Jun NH2-Terminal Kinase Activity in Subcutaneous Adipose Tissue but Not Nuclear Factor- κ B Activity in Peripheral Blood Mononuclear Cells Is an Independent Determinant of Insulin Resistance in Healthy Individuals. <i>Diabetes</i> , 2009, 58, 1259-1265.	0.6	34
80	The association between dysregulated adipocytokines in early pregnancy and development of gestational diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2926.	4.0	34
81	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> , 2017, 7, 15154.	3.3	33
82	Plasma Adiponectin Levels Are Not Associated with Fat Oxidation in Humans. <i>Obesity</i> , 2002, 10, 1016-1020.	4.0	32
83	Parasympathetic Blockade Attenuates Augmented Pancreatic Polypeptide But Not Insulin Secretion in Pima Indians. <i>Diabetes</i> , 2004, 53, 663-671.	0.6	32
84	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> , 2017, 61, 1700488.	3.3	30
85	Lipidomic profiling reveals early-stage metabolic dysfunction in overweight or obese humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 335-343.	2.4	30
86	Shared Medical Appointments May Be Effective for Improving Clinical and Behavioral Outcomes in Type 2 Diabetes: A Narrative Review. <i>Frontiers in Endocrinology</i> , 2017, 8, 263.	3.5	29
87	Muscle Carnosine Is Associated with Cardiometabolic Risk Factors in Humans. <i>PLoS ONE</i> , 2015, 10, e0138707.	2.5	29
88	Advanced glycation end products (AGEs) are cross-sectionally associated with insulin secretion in healthy subjects. <i>Amino Acids</i> , 2014, 46, 321-326.	2.7	28
89	The relationship between heat shock protein 72 expression in skeletal muscle and insulin sensitivity is dependent on adiposity. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1556-1561.	3.4	27
90	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> , 2018, 35, 1087-1095.	2.3	27

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91	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> , 2018, 177, 200-208.	2.5	26
92	Higher glomerular filtration rate is related to insulin resistance but not to obesity in a predominantly obese non-diabetic cohort. <i>Scientific Reports</i> , 2017, 7, 45522.	3.3	25
93	Muscle Histidine-Containing Dipeptides Are Elevated by Glucose Intolerance in Both Rodents and Men. <i>PLoS ONE</i> , 2015, 10, e0121062.	2.5	24
94	Asthma in reproductive-aged women with polycystic ovary syndrome and association with obesity. <i>European Respiratory Journal</i> , 2017, 49, 1601334.	6.7	24
95	An update on carnosine and anserine research. <i>Amino Acids</i> , 2019, 51, 1-4.	2.7	24
96	Effect of carnosine supplementation on the plasma lipidome in overweight and obese adults: a pilot randomised controlled trial. <i>Scientific Reports</i> , 2017, 7, 17458.	3.3	23
97	Time series modelling to forecast prehospital EMS demand for diabetic emergencies. <i>BMC Health Services Research</i> , 2017, 17, 332.	2.2	23
98	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> , 2016, 29, 24-32.	2.8	22
99	Vitamin D in Reproductive Health and Pregnancy. <i>Seminars in Reproductive Medicine</i> , 2016, 34, e1-e13.	1.1	22
100	Emergency treatment of hypoglycaemia: a guideline and evidence review. <i>Diabetic Medicine</i> , 2017, 34, 1205-1211.	2.3	22
101	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> , 2018, 8, e020623.	1.9	22
102	Histidine-containing dipeptides reduce central obesity and improve glycaemic outcomes: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2020, 21, e12975.	6.5	22
103	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> , 2018, 177, 209-215.	2.5	21
104	Genetic Basis of Type 2 Diabetes Mellitus. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2004, 3, 257-267.	1.8	20
105	High-molecular-weight adiponectin is inversely associated with sympathetic activity in polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2018, 109, 532-539.	1.0	20
106	¹¹ β-Hydroxysteroid Dehydrogenase Type 1 in Adipose Tissue and Prospective Changes in Body Weight and Insulin Resistance. <i>Obesity</i> , 2006, 14, 1515-1522.	3.0	19
107	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese Otherwise Healthy Adults: A Pilot Randomized Trial. <i>Nutrients</i> , 2018, 10, 1258.	4.1	19
108	Vitamin D supplementation increases adipokine concentrations in overweight or obese adults. <i>European Journal of Nutrition</i> , 2020, 59, 195-204.	3.9	19

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109	Role of serum biomarkers to optimise a validated clinical risk prediction tool for gestational diabetes. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2019, 59, 251-257.	1.0	17
110	Increased Inflammation and Cardiometabolic Risk in Individuals with Low AMY1 Copy Numbers. Journal of Clinical Medicine, 2019, 8, 382.	2.4	17
111	Exercise attenuates bone mineral density loss during diet-induced weight loss in adults with overweight and obesity: A systematic review and meta-analysis. Journal of Sport and Health Science, 2021, 10, 550-559.	6.5	17
112	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. PLoS ONE, 2017, 12, e0182412.	2.5	16
113	Anti-Cancer Effects of Carnosine—A Dipeptide Molecule. Molecules, 2021, 26, 1644.	3.8	16
114	Plasma advanced glycation end products (AGEs) and NF- κ B activity are independent determinants of diastolic and pulse pressure. Clinical Chemistry and Laboratory Medicine, 2014, 52, 129-38.	2.3	15
115	Plasma 25-Hydroxyvitamin D Is Related to Protein Signaling Involved in Glucose Homeostasis in a Tissue-Specific Manner. Nutrients, 2016, 8, 631.	4.1	15
116	Adipsin Concentrations Are Associated with Back Pain Independently of Adiposity in Overweight or Obese Adults. Frontiers in Physiology, 2018, 9, 93.	2.8	15
117	The relationship between 25-hydroxyvitamin D concentration and liver enzymes in overweight or obese adults: Cross-sectional and interventional outcomes. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 193-199.	2.5	14
118	Association between Diet Quality Indices and Incidence of Type 2 Diabetes in the Melbourne Collaborative Cohort Study. Nutrients, 2021, 13, 4162.	4.1	14
119	Vitamin D supplementation may improve back pain disability in vitamin D deficient and overweight or obese adults. Journal of Steroid Biochemistry and Molecular Biology, 2019, 185, 212-217.	2.5	13
120	Effect of Cortisol on Muscle Sympathetic Nerve Activity in Pima Indians and Caucasians. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3218-3226.	3.6	12
121	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. BMJ Open, 2017, 7, e017691.	1.9	12
122	Effect of 16-weeks vitamin D replacement on calcium-phosphate homeostasis in overweight and obese adults. Journal of Steroid Biochemistry and Molecular Biology, 2019, 186, 169-175.	2.5	12
123	Dyslipidaemia as a risk factor for erectile dysfunction in type 2 diabetes mellitus patients. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 748-753.	3.6	11
124	Carnosine and histidine-containing dipeptides improve dyslipidemia: a systematic review and meta-analysis of randomized controlled trials. Nutrition Reviews, 2020, 78, 939-951.	5.8	11
125	Vitamin D and cardiometabolic risk factors and diseases. Minerva Endocrinologica, 2015, 40, 213-30.	1.8	11
126	Associations of Vitamin D with Inter- and Intra-Muscular Adipose Tissue and Insulin Resistance in Women with and without Polycystic Ovary Syndrome. Nutrients, 2016, 8, 774.	4.1	10

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127	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 103-109.	3.3	10
128	Effect of Central Sympathoinhibition With Moxonidine on Sympathetic Nervous Activity in Polycystic Ovary Syndrome—A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2018, 9, 1486.	2.8	10
129	Carnosine supplementation reduces plasma soluble transferrin receptor in healthy overweight or obese individuals: a pilot randomised trial. <i>Amino Acids</i> , 2019, 51, 73-81.	2.7	10
130	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> , 2019, 186, 136-141.	2.5	10
131	Are Lifestyle Interventions to Reduce Excessive Gestational Weight Gain Cost Effective? A Systematic Review. <i>Current Diabetes Reports</i> , 2020, 20, 6.	4.2	10
132	Diet scores and prediction of general and abdominal obesity in the Melbourne collaborative cohort study. <i>Public Health Nutrition</i> , 2021, 24, 6157-6168.	2.2	9
133	Nutritional Interventions for COVID-19: A Role for Carnosine?. <i>Nutrients</i> , 2021, 13, 1463.	4.1	9
134	Productivity Benefits of Preventing Type 2 Diabetes in Australia: A 10-Year Analysis. <i>Diabetes Care</i> , 2021, 44, 715-721.	8.6	9
135	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> , 2015, 17, 608-612.	4.4	8
136	Sarcopenia: a potential cause and consequence of type 2 diabetes in Australia's ageing population?. <i>Medical Journal of Australia</i> , 2017, 207, 89-89.	1.7	8
137	Associations between Urinary Advanced Glycation End Products and Cardiometabolic Parameters in Metabolically Healthy Obese Women. <i>Journal of Clinical Medicine</i> , 2019, 8, 1008.	2.4	8
138	The Relationship between Vitamin D Metabolites and Androgens in Women with Polycystic Ovary Syndrome. <i>Nutrients</i> , 2020, 12, 1219.	4.1	8
139	Outcomes of people with severe hypoglycaemia requiring prehospital emergency medical services management: a prospective study. <i>Diabetologia</i> , 2019, 62, 1868-1879.	6.3	7
140	Shared Medical Appointments and Mindfulness for Type 2 Diabetes—A Mixed-Methods Feasibility Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 570777.	3.5	7
141	Systematic Review of the Effects of Ultraviolet Radiation on Markers of Metabolic Dysfunction. , 2019, 40, 147-162.		7
142	LowAMY1Copy Number Is Cross-Sectionally Associated to an Inflammation-Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901151.	3.3	6
143	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> , 2021, 11, e043680.	1.9	6
144	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> , 2021, 16, e0258406.	2.5	5

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145	The Cost-Effectiveness of Supplemental Carnosine in Type 2 Diabetes. <i>Nutrients</i> , 2022, 14, 215.	4.1	5
146	Insulin infusion reduces hepatocyte growth factor in lean humans. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 647-650.	3.4	4
147	Treatment with high dose salicylates improves cardiometabolic parameters: Meta-analysis of randomized controlled trials. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 94-106.	3.4	4
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164	Hypolipidemic and antihypertensive drugs for prevention of cardiovascular complications in patients with rheumatoid arthritis. <i>The Cochrane Library</i> , 0, , .	2.8	0
165	Reply: Metformin for women with hyperandrogenic anovulation. <i>Human Reproduction Update</i> , 2016, 22, 407-407.	10.8	0
166	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> , 2017, 173, 253-257.	2.5	0
167	Reply to the Letter to the Editor from J. Matthews and C. Sale. <i>Obesity Reviews</i> , 2020, 21, e13043.	6.5	0