

Kristine Frch

List of Publications by Year in Descending Order

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

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|--------------------|-------------------------|----------------|-----------------|
| 104 papers | 2,588 citations | 31 h-index | 47 g-index |
| 114 ext. papers | 3,175 ext. citations | 6.4 avg, IF | 5.03 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 104 | Effects of sleep manipulation on markers of insulin sensitivity: A systematic review and meta-analysis of randomized controlled trials.. <i>Sleep Medicine Reviews</i> , 2022 , 62, 101594 | 10.2 | 1 |
| 103 | What happens after a weight loss intervention? A qualitative study of drivers and challenges of maintaining time-restricted eating among people with overweight at high risk of type 2 diabetes.. <i>Appetite</i> , 2022 , 106034 | 4.5 | 0 |
| 102 | The Use and Effectiveness of Selected Alternative Markers for Insulin Sensitivity and Secretion Compared with Gold Standard Markers in Dietary Intervention Studies in Individuals without Diabetes: Results of a Systematic Review. <i>Nutrients</i> , 2022 , 14, 2036 | 6.7 | |
| 101 | Is Time-Restricted Eating Safe in the Treatment of Type 2 Diabetes? A Review of Intervention Studies. <i>Nutrients</i> , 2022 , 14, 2299 | 6.7 | |
| 100 | The process of health behaviour change following participation in a randomised controlled trial targeting prediabetes: A qualitative study. <i>Diabetic Medicine</i> , 2021 , e14748 | 3.5 | 0 |
| 99 | Discordance Between Glucose Levels Measured in Interstitial Fluid in Venous Plasma After Oral Glucose Administration: A Analysis From the Randomised Controlled PRE-D Trial. <i>Frontiers in Endocrinology</i> , 2021 , 12, 753810 | 5.7 | 0 |
| 98 | The day-night pattern of colonic contractility is not impaired in type 1 diabetes and distal symmetric polyneuropathy. <i>Chronobiology International</i> , 2021 , 38, 801-806 | 3.6 | |
| 97 | Late-evening food intake is highly prevalent among individuals with type 2 diabetes. <i>Nutrition Research</i> , 2021 , 87, 91-96 | 4 | 1 |
| 96 | Towards precision medicine in diabetes? A critical review of glucotypes. <i>PLoS Biology</i> , 2021 , 19, e3000890 | 9.7 | 0 |
| 95 | Effect of exercise training on skeletal muscle protein expression in relation to insulin sensitivity: Per-protocol analysis of a randomized controlled trial (GO-ACTIVE). <i>Physiological Reports</i> , 2021 , 9, e14850 | 2.6 | 0 |
| 94 | Watching, keeping and squeezing time to lose weight: Implications of time-restricted eating in daily life. <i>Appetite</i> , 2021 , 161, 105138 | 4.5 | 3 |
| 93 | No effects of dapagliflozin, metformin or exercise on plasma glucagon concentrations in individuals with prediabetes: A post hoc analysis from the randomized controlled PRE-D trial. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 530-539 | 6.7 | 4 |
| 92 | The effects of dapagliflozin, metformin or exercise on glycaemic variability in overweight or obese individuals with prediabetes (the PRE-D Trial): a multi-arm, randomised, controlled trial. <i>Diabetologia</i> , 2021 , 64, 42-55 | 10.3 | 11 |
| 91 | Targeting epicardial adipose tissue with exercise, diet, bariatric surgery or pharmaceutical interventions: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021 , 22, e13136 | 10.6 | 13 |
| 90 | Pilot Clinical Trial of Time-Restricted Eating in Patients with Metabolic Syndrome. <i>Nutrients</i> , 2021 , 13, | 6.7 | 3 |
| 89 | Genome-wide association study of circulating levels of glucagon during an oral glucose tolerance test. <i>BMC Medical Genomics</i> , 2021 , 14, 3 | 3.7 | 0 |
| 88 | Role of fasting duration and weekday in incretin and glucose regulation. <i>Endocrine Connections</i> , 2021 , 10, X2-X3 | 3.5 | 78 |

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| 87 | Investigation of eye tracking, electrodermal activity and facial expressions as biometric signatures of food reward and intake in normal weight adults. <i>Food Quality and Preference</i> , 2021 , 93, 104248 | 5.8 | 3 |
| 86 | Impact of Meal Timing and Chronotype on Food Reward and Appetite Control in Young Adults. <i>Nutrients</i> , 2020 , 12, | 6.7 | 3 |
| 85 | Physiological factors contributing to HbA in the normal and pre-diabetic range: a cross-sectional analysis. <i>Endocrine</i> , 2020 , 68, 306-311 | 4 | 1 |
| 84 | Role of fasting duration and weekday in incretin and glucose regulation. <i>Endocrine Connections</i> , 2020 , 9, 279-288 | 3.5 | 2 |
| 83 | Timing and Frequency of Daily Energy Intake in Adults with Prediabetes and Overweight or Obesity and Their Associations with Body Fat. <i>Nutrients</i> , 2020 , 12, | 6.7 | 3 |
| 82 | Protocol for a single-centre, parallel-group, randomised, controlled, superiority trial on the effects of time-restricted eating on body weight, behaviour and metabolism in individuals at high risk of type 2 diabetes: the RESticted Eating Time (RESET) study. <i>BMJ Open</i> , 2020 , 10, e037166 | 3 | 3 |
| 81 | Greater glucagon-like peptide-1 responses to oral glucose are associated with lower central and peripheral blood pressures. <i>Cardiovascular Diabetology</i> , 2019 , 18, 130 | 8.7 | 0 |
| 80 | Glucose Measurements at Various Time Points During the OGTT and Their Role in Capturing Glucose Response Patterns. <i>Diabetes Care</i> , 2019 , 42, e56-e57 | 14.6 | 7 |
| 79 | Letter to the Editor: "One-Hour Postload Hyperglycemia: Implications for Prediction and Prevention of Type 2 Diabetes". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 674-675 | 5.6 | |
| 78 | Reversion from prediabetes to normoglycaemia and risk of cardiovascular disease and mortality: the Whitehall II cohort study. <i>Diabetologia</i> , 2019 , 62, 1385-1390 | 10.3 | 26 |
| 77 | Prospective association between late evening food consumption and risk of prediabetes and diabetes: the Whitehall II cohort study. <i>Diabetic Medicine</i> , 2019 , 36, 1256-1260 | 3.5 | 1 |
| 76 | Phenotypic Responses to a Lifestyle Intervention Do Not Account for Inter-Individual Variability in Glucose Tolerance for Individuals at High Risk of Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2019 , 10, 317 | 4.6 | 9 |
| 75 | Heart Rate, Autonomic Function, and Future Changes in Glucose Metabolism in Individuals Without Diabetes: The Whitehall II Cohort Study. <i>Diabetes Care</i> , 2019 , 42, 867-874 | 14.6 | 8 |
| 74 | Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. <i>Endocrine Connections</i> , 2019 , 8, 1607-1617 | 3.5 | 1 |
| 73 | Prediction of clamp-derived insulin sensitivity from the oral glucose insulin sensitivity index. <i>Diabetologia</i> , 2018 , 61, 1135-1141 | 10.3 | 32 |
| 72 | Can insulin response patterns predict metabolic disease risk in individuals with normal glucose tolerance? Reply to Crofts CAP, Brookler K, Henderson G [letter]. <i>Diabetologia</i> , 2018 , 61, 1234-1235 | 10.3 | |
| 71 | Risk of Cardiovascular Disease and Death in Individuals With Prediabetes Defined by Different Criteria: The Whitehall II Study. <i>Diabetes Care</i> , 2018 , 41, 899-906 | 14.6 | 67 |
| 70 | Evidence of a liver-alpha cell axis in humans: hepatic insulin resistance attenuates relationship between fasting plasma glucagon and glucagonotropic amino acids. <i>Diabetologia</i> , 2018 , 61, 671-680 | 10.3 | 41 |

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| 69 | Glucose patterns during an oral glucose tolerance test and associations with future diabetes, cardiovascular disease and all-cause mortality rate. <i>Diabetologia</i> , 2018 , 61, 101-107 | 10.3 | 29 |
| 68 | Common variants in the hERG (KCNH2) voltage-gated potassium channel are associated with altered fasting and glucose-stimulated plasma incretin and glucagon responses. <i>BMC Genetics</i> , 2018 , 19, 15 | 2.6 | 8 |
| 67 | The role of physical activity in the development of first cardiovascular disease event: a tree-structured survival analysis of the Danish ADDITION-PRO cohort. <i>Cardiovascular Diabetology</i> , 2018 , 17, 126 | 8.7 | 12 |
| 66 | Pathophysiological Characteristics Underlying Different Glucose Response Curves: A Latent Class Trajectory Analysis From the Prospective EGIR-RISC Study. <i>Diabetes Care</i> , 2018 , 41, 1740-1748 | 14.6 | 40 |
| 65 | Relative contributions of preprandial and postprandial glucose exposures, glycemic variability, and non-glycemic factors to HbA in individuals with and without diabetes. <i>Nutrition and Diabetes</i> , 2018 , 8, 38 | 4.7 | 17 |
| 64 | Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: The CARRS study. <i>Diabetes Research and Clinical Practice</i> , 2017 , 126, 192-197 | 7.4 | 13 |
| 63 | Is there a need for new diabetes prevention trials?. <i>BMJ, The</i> , 2017 , 356, j1003 | 5.9 | 1 |
| 62 | Effect of Pancreatic Hormones on pro-Atrial Natriuretic Peptide in Humans. <i>EBioMedicine</i> , 2017 , 17, 88-94 | 4.8 | 7 |
| 61 | Trajectories of glycaemia, insulin sensitivity and insulin secretion in South Asian and white individuals before diagnosis of type 2 diabetes: a longitudinal analysis from the Whitehall II cohort study. <i>Diabetologia</i> , 2017 , 60, 1252-1260 | 10.3 | 42 |
| 60 | Metabolically Healthy Obesity and Ischemic Heart Disease: A 10-Year Follow-Up of the Inter99 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1934-1942 | 5.6 | 38 |
| 59 | Protocol for a randomised controlled trial of the effect of dapagliflozin, metformin and exercise on glycaemic variability, body composition and cardiovascular risk in prediabetes (the PRE-D Trial). <i>BMJ Open</i> , 2017 , 7, e013802 | 3 | 11 |
| 58 | Assessment of time to glucose peak during an oral glucose tolerance test. <i>Clinical Endocrinology</i> , 2017 , 87, 879-881 | 3.4 | 1 |
| 57 | Physical Activity and Improvement of Glycemia in Prediabetes by Different Diagnostic Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3712-3721 | 5.6 | 10 |
| 56 | Relationship between retinal vessel diameters and retinopathy in the Inter99 Eye Study. <i>Journal of Clinical and Translational Endocrinology</i> , 2017 , 8, 22-28 | 2.4 | 4 |
| 55 | Physical Activity Dimensions Associated with Impaired Glucose Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2176-2184 | 1.2 | 6 |
| 54 | Heterogeneity in glucose response curves during an oral glucose tolerance test and associated cardiometabolic risk. <i>Endocrine</i> , 2017 , 55, 427-434 | 4 | 18 |
| 53 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
| 52 | Biomarkers of subclinical inflammation and increases in glycaemia, insulin resistance and beta-cell function in non-diabetic individuals: the Whitehall II study. <i>European Journal of Endocrinology</i> , 2016 , 175, 367-77 | 6.5 | 40 |

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| 51 | Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016 , 65, 3200-11 | 0.9 | 47 |
| 50 | Glucose-Dependent Insulinotropic Polypeptide Is Associated With Lower Low-Density Lipoprotein But Unhealthy Fat Distribution, Independent of Insulin: The ADDITION-PRO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 485-93 | 5.6 | 34 |
| 49 | Response to the Letter: Comment on "Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance" by Scheuer S.H., et al. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, L13-4 | 5.6 | |
| 48 | Barriers to and motivators for physical activity among people with Type 2 diabetes: patients' perspectives. <i>Diabetic Medicine</i> , 2016 , 33, 1677-1685 | 3.5 | 44 |
| 47 | Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. <i>Diabetes</i> , 2016 , 65, 3473-3481 | 0.9 | 93 |
| 46 | GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> , 2015 , 64, 2513-25 | 0.9 | 171 |
| 45 | Metabolic response to 36 hours of fasting in young men born small vs appropriate for gestational age. <i>Diabetologia</i> , 2015 , 58, 178-87 | 10.3 | 25 |
| 44 | Association of self-perceived body image with body mass index and type 2 diabetes-The ADDITION-PRO study. <i>Preventive Medicine</i> , 2015 , 75, 64-9 | 4.3 | 8 |
| 43 | Effects of 12 weeks of treatment with fermented milk on blood pressure, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind placebo-controlled study. <i>European Journal of Endocrinology</i> , 2015 , 172, 11-20 | 6.5 | 49 |
| 42 | Response to Comment on Ffrench et al. GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> 2015;64:2513-2525. <i>Diabetes</i> , 2015 , 64, e30-e31 | 0.9 | 1 |
| 41 | Physical activity energy expenditure vs cardiorespiratory fitness level in impaired glucose metabolism. <i>Diabetologia</i> , 2015 , 58, 2709-17 | 10.3 | 10 |
| 40 | Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3340-7 | 5.6 | 24 |
| 39 | Relationship between insulin resistance and β -cell dysfunction in subphenotypes of prediabetes and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 707-16 | 5.6 | 32 |
| 38 | Intensive multifactorial treatment modifies the effect of family history of diabetes on glycaemic control in people with Type 2 diabetes: a post hoc analysis of the ADDITION-Denmark randomized controlled trial. <i>Diabetic Medicine</i> , 2015 , 32, 1085-9 | 3.5 | 3 |
| 37 | Reduced incidence of lower-extremity amputations in a Danish diabetes population from 2000 to 2011. <i>Diabetic Medicine</i> , 2014 , 31, 443-7 | 3.5 | 36 |
| 36 | Improved survival among patients with complicated type 2 diabetes in Denmark: a prospective study (2002-2010). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E642-6 | 5.6 | 29 |
| 35 | Hepatic glucose sensing is impaired, but can be normalized, in people with impaired fasting glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1154-62 | 5.6 | 12 |
| 34 | Cardiovascular risk stratification and management in pre-diabetes. <i>Current Diabetes Reports</i> , 2014 , 14, 493 | 5.6 | 36 |

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| 33 | Patterns of obesity development before the diagnosis of type 2 diabetes: the Whitehall II cohort study. <i>PLoS Medicine</i> , 2014 , 11, e1001602 | 11.6 | 60 |
| 32 | Is it possible to develop a one-size fits all prediction model for undiagnosed Type 2 diabetes?. <i>Diabetic Medicine</i> , 2014 , 31, 116-7 | 3.5 | |
| 31 | Eighteen year weight trajectories and metabolic markers of diabetes in modernising China: which timescale is most relevant?. <i>Diabetologia</i> , 2014 , 57, 2605-6 | 10.3 | 1 |
| 30 | Approaching pre-diabetes. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 226-33 | 3.2 | 40 |
| 29 | Sex differences in glucose and insulin trajectories prior to diabetes diagnosis: the Whitehall II study. <i>Acta Diabetologica</i> , 2014 , 51, 315-9 | 3.9 | 16 |
| 28 | Effect of time of day and fasting duration on measures of glycaemia: analysis from the Whitehall II Study. <i>Diabetologia</i> , 2013 , 56, 294-7 | 10.3 | 10 |
| 27 | Effects of 12 weeks treatment with a proton pump inhibitor on insulin secretion, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind prospective placebo-controlled study. <i>Diabetologia</i> , 2013 , 56, 22-30 | 10.3 | 32 |
| 26 | Incretin and pancreatic hormone secretion in Caucasian non-diabetic carriers of the TCF7L2 rs7903146 risk T allele. <i>Diabetes, Obesity and Metabolism</i> , 2013 , 15, 91-5 | 6.7 | 20 |
| 25 | Trajectories of cardiometabolic risk factors before diagnosis of three subtypes of type 2 diabetes: a post-hoc analysis of the longitudinal Whitehall II cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2013 , 1, 43-51 | 18.1 | 74 |
| 24 | Comment on: Tam et al. Defining insulin resistance from hyperinsulinemic-euglycemic clamps. <i>Diabetes Care</i> 2012;35:1605-1610. <i>Diabetes Care</i> , 2013 , 36, e9 | 14.6 | 3 |
| 23 | Impact of glucose tolerance status, sex, and body size on glucose absorption patterns during OGTTs. <i>Diabetes Care</i> , 2013 , 36, 3691-7 | 14.6 | 24 |
| 22 | Bisphenol A impairs hepatic glucose sensing in C57BL/6 male mice. <i>PLoS ONE</i> , 2013 , 8, e69991 | 3.7 | 21 |
| 21 | Estimating insulin sensitivity and beta cell function: perspectives from the modern pandemics of obesity and type 2 diabetes. <i>Diabetologia</i> , 2012 , 55, 2863-7 | 10.3 | 18 |
| 20 | Does insulin resistance drive the association between hyperglycemia and cardiovascular risk?. <i>PLoS ONE</i> , 2012 , 7, e39260 | 3.7 | 15 |
| 19 | The PNPLA3 rs738409 G-allele associates with reduced fasting serum triglyceride and serum cholesterol in Danes with impaired glucose regulation. <i>PLoS ONE</i> , 2012 , 7, e40376 | 3.7 | 25 |
| 18 | Cognitive functions in middle aged individuals are related to metabolic disturbances and aerobic capacity: a cross-sectional study. <i>PLoS ONE</i> , 2012 , 7, e51132 | 3.7 | 33 |
| 17 | Increased serum concentrations of persistent organic pollutants among prediabetic individuals: potential role of altered substrate oxidation patterns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1705-13 | 5.6 | 23 |
| 16 | The birth weight lowering C-allele of rs900400 near LEKR1 and CCNL1 associates with elevated insulin release following an oral glucose challenge. <i>PLoS ONE</i> , 2011 , 6, e27096 | 3.7 | 12 |

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| 15 | Metabolic inflexibility is a common feature of impaired fasting glycaemia and impaired glucose tolerance. <i>Acta Diabetologica</i> , 2011 , 48, 349-353 | 3.9 | 31 |
| 14 | Impact of birth weight and early infant weight gain on insulin resistance and associated cardiovascular risk factors in adolescence. <i>PLoS ONE</i> , 2011 , 6, e20595 | 3.7 | 108 |
| 13 | The disposition index: adjustment for peripheral vs. hepatic insulin sensitivity?. <i>Journal of Physiology</i> , 2010 , 588, 759-64 | 3.9 | 33 |
| 12 | Treatment with a proton pump inhibitor improves glycaemic control in type 2 diabetic patients - a retrospective analysis. <i>Diabetes Research and Clinical Practice</i> , 2010 , 90, e72-4 | 7.4 | 22 |
| 11 | Impact of size at birth and prematurity on adult anthropometry in 4744 middle-aged Danes - The Inter99 study. <i>Journal of Developmental Origins of Health and Disease</i> , 2010 , 1, 319-28 | 2.4 | 10 |
| 10 | Sex differences in glucose levels: a consequence of physiology or methodological convenience? The Inter99 study. <i>Diabetologia</i> , 2010 , 53, 858-65 | 10.3 | 83 |
| 9 | Type 2 diabetes risk alleles near ADCY5, CDKAL1 and HHEX-IDE are associated with reduced birthweight. <i>Diabetologia</i> , 2010 , 53, 1908-16 | 10.3 | 56 |
| 8 | Low birthweight and premature birth are both associated with type 2 diabetes in a random sample of middle-aged Danes. <i>Diabetologia</i> , 2010 , 53, 2526-30 | 10.3 | 68 |
| 7 | Do gene variants influencing adult adiposity affect birth weight? A population-based study of 24 loci in 4,744 Danish individuals. <i>PLoS ONE</i> , 2010 , 5, e14190 | 3.7 | 20 |
| 6 | Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance: does it matter for prevention and treatment of type 2 diabetes?. <i>Diabetologia</i> , 2009 , 52, 1714-23 | 10.3 | 152 |
| 5 | A variant in the G6PC2/ABCB11 locus is associated with increased fasting plasma glucose, increased basal hepatic glucose production and increased insulin release after oral and intravenous glucose loads. <i>Diabetologia</i> , 2009 , 52, 2122-9 | 10.3 | 28 |
| 4 | Predictors of future fasting and 2-h post-OGTT plasma glucose levels in middle-aged men and women-the Inter99 study. <i>Diabetic Medicine</i> , 2009 , 26, 377-83 | 3.5 | 25 |
| 3 | Impaired fasting glycaemia vs impaired glucose tolerance: similar impairment of pancreatic alpha and beta cell function but differential roles of incretin hormones and insulin action. <i>Diabetologia</i> , 2008 , 51, 853-61 | 10.3 | 103 |
| 2 | A statistical approach based on substitution of macronutrients provides additional information to models analyzing single dietary factors in relation to type 2 diabetes in danish adults: the Inter99 study. <i>Journal of Nutrition</i> , 2005 , 135, 1177-82 | 4.1 | 30 |
| 1 | Evaluation of dietary intake in a Danish population: the Inter99 study. <i>Scandinavian Journal of Nutrition</i> , 2004 , 48, 136-143 | | 15 |