# Guido Freckmann

List of Publications by Year
in descending order

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|---|---|---|---|
| 216 papers | 4,817 citations | 108306 34 h-index | 120261 60 g-index |
| 235 all docs | 235 docs citations | 235 times ranked | 5041 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Continuous Glucose Profiles in Healthy People With Fixed Meal Times and Under Everyday Life Conditions. Journal of Diabetes Science and Technology, 2024, 18, 407-413. | 2.4 | 7 |
| 2 | Improving the Bias of Comparator Methods in Analytical Performance Assessments Through Recalibration. Journal of Diabetes Science and Technology, 2024, 18, 686-694. | 2.4 | 7 |
| 3 | Continuous Glucose Deviation Interval and Variability Analysis (CG-DIVA): A Novel Approach for the Statistical Accuracy Assessment of Continuous Glucose Monitoring Systems. Journal of Diabetes Science and Technology, 2024, 18, 857-865. | 2.4 | 4 |
| 4 | User Performance Evaluation and System Accuracy Assessment of Four Blood Glucose Monitoring Systems With Color Coding of Measurement Results. Journal of Diabetes Science and Technology, 2024, 18, 644-652. | 2.4 | 1 |
| 5 | Evaluation of a Digital Health Tool for Titration of Basal Insulin in People With Type 2 Diabetes: Rationale and Design of a Randomized Controlled Trial. Journal of Diabetes Science and Technology, 2024, 18, 946-955. | 2.4 | 2 |
| 6 | Kommentar zu den Konsequenzen aus der â€žBefragung zur GÃ¼te der Glukosemessung in niedergelassenen diabetologischen Praxen basierend auf einer Strukturbefragungâ€œ. Diabetologie Und Stoffwechsel, 2024, 19, 147-149. | 0.1 | 0 |
| 7 | GÃ¼te der Glukosemessung in niedergelassenen diabetologischen Praxen basierend auf einer Strukturbefragung. Diabetologie Und Stoffwechsel, 2024, 19, 141-146. | 0.1 | 0 |
| 8 | Effect of Arterialization on Venous Blood Glucose Concentrations and Implications for Observed Continuous Glucose Monitoring Accuracy. Diabetes Technology and Therapeutics, 2024, 26, 238-245. | 4.9 | 1 |
| 9 | Comparator Data Characteristics and Testing Procedures for the Clinical Performance Evaluation of Continuous Glucose Monitoring Systems. Diabetes Technology and Therapeutics, 2024, 26, 263-275. | 4.9 | 5 |
| 10 | Head-to-Head Evaluation of Continuous Glucose Monitoring and Automated Insulin Delivery Systems: Why are They not Used More Systematically?. Journal of Diabetes Science and Technology, 2024, 18, 535-540. | 2.4 | 0 |
| 11 | Are You Using the Recommended Test Tubes for Glucose Measurement? New Guidelines for Pre-analytical Handling in Germany. Journal of Diabetes Science and Technology, 2024, 18, 754-755. | 2.4 | 0 |
| 12 | Even Head-to-Head Comparison Studies of Continuous Glucose Monitoring System Performance Can be Biased. Journal of Diabetes Science and Technology, 2024, 18, 743-744. | 2.4 | 0 |
| 13 | A Proposal for the Clinical Characterization of Continuous Glucose Monitoring Trend Arrow Accuracy. Journal of Diabetes Science and Technology, 2024, 18, 800-807. | 2.4 | 2 |
| 14 | Nocturnal Hypoglycemia in the Era of Continuous Glucose Monitoring. Journal of Diabetes Science and Technology, 2024, 18, 1052-1060. | 2.4 | 0 |
| 15 | Performance of a Novel Continuous Glucose Monitoring Device in People With Diabetes. Journal of Diabetes Science and Technology, 2024, 18, 1044-1051. | 2.4 | 0 |
| 16 | Impact of Blood Glucose Monitoring System Accuracy on Clinical Decision Making for Diabetes Management. Journal of Diabetes Science and Technology, 2023, 17, 683-689. | 2.4 | 4 |
| 17 | A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings. Journal of Diabetes Science and Technology, 2023, 17, 1226-1242. | 2.4 | 103 |
| 18 | Accuracy Evaluation of a Novel Reusable Patch Pump Prototype. Journal of Diabetes Science and Technology, 2023, 17, 1644-1648. | 2.4 | 1 |

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| 19 | A Statistical Approach for Assessing the Compliance of Integrated Continuous Glucose Monitoring Systems with Food and Drug Administration Accuracy Requirements. Diabetes Technology and Therapeutics, 2023, 25, 212-216. | 4.9 | 4 |
| 20 | Accurate Post-Calibration Predictions for Noninvasive Glucose Measurements in People Using Confocal Raman Spectroscopy. ACS Sensors, 2023, 8, 1272-1279. | 8.0 | 14 |
| 21 | Differences in venous, capillary and interstitial glucose concentrations in individuals without diabetes after glucose load. Journal of Laboratory Medicine, 2023, 47, 97-104. | 0.8 | 3 |
| 22 | Comment on Hochfellner et al. Accuracy Assessment of the GlucoMenÂ® Day CGM System in Individuals with Type 1 Diabetes: A Pilot Study. Biosensors 2022, 12, 106. Biosensors, 2023, 13, 709. | 4.8 | 0 |
| 23 | Clinical Performance Evaluation of Continuous Glucose Monitoring Systems: A Scoping Review and Recommendations for Reporting. Journal of Diabetes Science and Technology, 2023, 17, 1506-1526. | 2.4 | 7 |
| 24 | Impact of Two Different Reference Measurement Procedures on Apparent System Accuracy of 18 CE-Marked Current-Generation Blood Glucose Monitoring Systems. Journal of Diabetes Science and Technology, 2022, 16, 1076-1088. | 2.4 | 7 |
| 25 | Choice of Continuous Glucose Monitoring Systems May Affect Metrics: Clinically Relevant Differences in Times in Ranges. Experimental and Clinical Endocrinology and Diabetes, 2022, 130, 343-350. | 1.4 | 12 |
| 26 | Evaluation of Trueness and Precision of a Bench-Top Laboratory Glucose Analyzer Using Reference Materials. Journal of Diabetes Science and Technology, 2022, 16, 751-755. | 2.4 | 3 |
| 27 | Variation of Mean Absolute Relative Differences of Continuous Glucose Monitoring Systems Throughout the Day. Journal of Diabetes Science and Technology, 2022, 16, 649-658. | 2.4 | 12 |
| 28 | Mean Absolute Relative Difference of Blood Glucose Monitoring Systems and Relationship to ISO 15197. Journal of Diabetes Science and Technology, 2022, 16, 1089-1095. | 2.4 | 8 |
| 29 | Glukosemessung in der Diabetesdiagnostik und -therapie: Laboratoriumsmedizinische Untersuchung inkl. patientennaher Sofortdiagnostik, Blutglukoseselbstmessung und kontinuierliches Glukosemonitoring. Diabetologie Und Stoffwechsel, 2022, 17, 52-60. | 0.1 | 3 |
| 30 | Outcomes of a Community-Wide Health Intervention in a Low-Income, Primarily Hispanic Community: The Go! Austin/Vamos! Austin (GAVA) Initiative. Health Promotion Practice, 2022, 23, 185-194. | 1.7 | 4 |
| 31 | Evaluation of the Accuracy and Reliability of a Tubeless Insulin Infusion System Under Laboratory Conditions. Journal of Diabetes Science and Technology, 2022, , 193229682110708. | 2.4 | 1 |
| 32 | MessqualitÃt bei der Glukosemessung im Rahmen der Diabetesdiagnose und -therapie in Deutschland. Deutsche Medizinische Wochenschrift, 2022, 147, 407-413. | 0.2 | 1 |
| 33 | Patch Pumps: What are the advantages for people with diabetes?. Diabetes Research and Clinical Practice, 2022, 187, 109858. | 2.8 | 6 |
| 34 | Performance of intermittently scanned continuous glucose monitoring systems in people with type 1 diabetes: A pooled analysis. Diabetes, Obesity and Metabolism, 2022, 24, 522-529. | 4.5 | 13 |
| 35 | Self-Monitoring of Blood Glucose as an Integral Part in the Management of People with Type 2 Diabetes Mellitus. Diabetes Therapy, 2022, 13, 829-846. | 2.6 | 14 |
| 36 | Whole body macrophage PET imaging for disease activity assessment in early rheumatoid arthritis. Journal of Rheumatology, 2022, , jrheum.210928. | 2.1 | 0 |

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| 37 | Patch Pumps: Periodic Insulin Delivery Patterns. Journal of Diabetes Science and Technology, 2022, , 193229682210918. | 2.4 | 1 |
| 38 | Real-Time Continuous Glucose Monitoring Can Predict Severe Hypoglycemia in People with Type 1 Diabetes: Combined Analysis of the HypoDE and DIAMOND Trials. Diabetes Technology and Therapeutics, 2022, 24, 603-610. | 4.9 | 3 |
| 39 | Glukosemessung in der Diabetesdiagnostik und -therapie. Diabetes Aktuell, 2022, 20, 170-179. | 0.0 | 1 |
| 40 | Evaluation of Three Lancing Devices: What Do Blood Volume and Lancing Pain Depend On?. Journal of Diabetes Science and Technology, 2021, 15, 1076-1083. | 2.4 | 1 |
| 41 | Insulin Pump Therapy for Patients With Type 2 Diabetes Mellitus: Evidence, Current Barriers, and New Technologies. Journal of Diabetes Science and Technology, 2021, 15, 193229682092810. | 2.4 | 33 |
| 42 | Time in Specific Glucose Ranges, Glucose Management Indicator, and Glycemic Variability: Impact of Continuous Glucose Monitoring (CGM) System Model and Sensor on CGM Metrics. Journal of Diabetes Science and Technology, 2021, 15, 1104-1110. | 2.4 | 16 |
| 43 | Skin Reaction Report Form: Development and Design of a Standardized Report Form for Skin Reactions Due to Medical Devices for Diabetes Management. Journal of Diabetes Science and Technology, 2021, 15, 193229682091110. | 2.4 | 10 |
| 44 | Intermittent Use of Continuous Glucose Monitoring: Expanding the Clinical Value of CGM. Journal of Diabetes Science and Technology, 2021, 15, 684-694. | 2.4 | 13 |
| 45 | An Association Between Maternal Intimate Partner Physical Violence and a Loaded Firearm in the Home. Journal of Interpersonal Violence, 2021, 36, NP4495-NP4513. | 2.2 | 1 |
| 46 | Proof of Concept for a New Raman-Based Prototype for Noninvasive Glucose Monitoring. Journal of Diabetes Science and Technology, 2021, 15, 11-18. | 2.4 | 23 |
| 47 | Head-to-Head Comparison of Social Network Assessments in Stroke Survivors. Neurohospitalist, The, 2021, 11, 18-24. | 0.9 | 7 |
| 48 | Evaluation of the SPECTRUM training programme for realâ€time continuous glucose monitoring: A realâ€world multicentre prospective study in 120 adults with type 1 diabetes. Diabetic Medicine, 2021, 38, e14467. | 2.5 | 25 |
| 49 | Evaluation of the Accuracy of Current Tubeless Pumps for Continuous Subcutaneous Insulin Infusion. Diabetes Technology and Therapeutics, 2021, 23, 350-357. | 4.9 | 10 |
| 50 | Comparative Accuracy Analysis of a Real-time and an Intermittent-Scanning Continuous Glucose Monitoring System. Journal of Diabetes Science and Technology, 2021, 15, 287-293. | 2.4 | 13 |
| 51 | Methoden der StoffwechselkontrolleÂâ€“ HbA1c versus â€žtime in rangeâ€œ. Diabetologe, 2021, 17, 223-234. | 0.2 | 0 |
| 52 | Diabetesdiagnostik in der Hausarztpraxis. Diabetes Aktuell, 2021, 19, 6-6. | 0.0 | 0 |
| 53 | Description of a Novel Patch Pump for Insulin Delivery and Comparative Accuracy Evaluation. Journal of Diabetes Science and Technology, 2021, , 193229682110004. | 2.4 | 1 |
| 54 | Therapy adjustments in people with type 1 diabetes with impaired hypoglycemia awareness on multiple daily injections using real-time continuous glucose monitoring: a mechanistic analysis of the HypoDE study. BMJ Open Diabetes Research and Care, 2021, 9, e001848. | 2.9 | 6 |

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| 55 | Improved synaptic functionalities of Li-based nano-ionic synaptic transistor with ultralow conductance enabled by Al<sub>2</sub>O<sub>3</sub> barrier layer. Nanotechnology, 2021, 32, 275201. | 2.7 | 16 |
| 56 | Converting Access Microbiology to an open research platform: focus group and AI review tool research results. Access Microbiology, 2021, 3, 000232. | 0.6 | 4 |
| 57 | Importance of applying treatment data to ascertain type 1 diabetes cases in health registries. BMJ Open Diabetes Research and Care, 2021, 9, e002280. | 2.9 | 0 |
| 58 | Standardization process of continuous glucose monitoring: Traceability and performance. Clinica Chimica Acta, 2021, 515, 5-12. | 1.6 | 39 |
| 59 | Comment on â€œDo We Need the Replacement of YSI 2300? A View from the Clinical Laboratoryâ€•by Spanou and Makris. Journal of Diabetes Science and Technology, 2021, , 193229682110142. | 2.4 | 0 |
| 60 | Heterogeneity of Access to Diabetes Technology Depending on Area Deprivation and Demographics Between 2016 and 2019 in Germany. Journal of Diabetes Science and Technology, 2021, 15, 1059-1068. | 2.4 | 20 |
| 61 | Response to Seibold: Data Obtained With Early Generations of CGM Sensors: Comment on Pleus et al.. Journal of Diabetes Science and Technology, 2021, , 193229682110372. | 2.4 | 0 |
| 62 | Experimental Study on Magnesium Sulfate Cement Concrete Splices of Widened Box Girder. KSCE Journal of Civil Engineering, 2021, 25, 4742-4750. | 1.9 | 3 |
| 63 | Benefits and Limitations of MARD as a Performance Parameter for Continuous Glucose Monitoring in the Interstitial Space. Journal of Diabetes Science and Technology, 2020, 14, 135-150. | 2.4 | 82 |
| 64 | Continuous Glucose Monitoring in People With Type 1 Diabetes on Multiple-Dose Injection Therapy: The Relationship Between Glycemic Control and Hypoglycemia. Diabetes Care, 2020, 43, 53-58. | 9.1 | 18 |
| 65 | Concept and Implementation of a Novel Patch Pump for Insulin Delivery. Journal of Diabetes Science and Technology, 2020, 14, 324-327. | 2.4 | 7 |
| 66 | Critical Reappraisal of the Time-in-Range: Alternative or Useful Addition to Glycated Hemoglobin?. Journal of Diabetes Science and Technology, 2020, 14, 922-927. | 2.4 | 16 |
| 67 | Measurement accuracy of two professional-use systems for point-of-care testing of blood glucose. Clinical Chemistry and Laboratory Medicine, 2020, 58, 445-455. | 2.3 | 5 |
| 68 | Continuous Glucose Monitors and Automated Insulin Dosing Systems in the Hospital Consensus Guideline. Journal of Diabetes Science and Technology, 2020, 14, 1035-1064. | 2.4 | 85 |
| 69 | Stability of Glucose Concentrations in Frozen Plasma. Journal of Diabetes Science and Technology, 2020, , 193229682096365. | 2.4 | 3 |
| 70 | Use of a do-it-yourself artificial pancreas system is associated with better glucose management and higher quality of life among adults with type 1 diabetes. Therapeutic Advances in Endocrinology and Metabolism, 2020, 11, 204201882095014. | 3.3 | 41 |
| 71 | Preulcerous Risk Situation in Diabetic Foot Syndrome: Proposal for a Simple Ulcer Prevention Score. Journal of Diabetes Science and Technology, 2020, 15, 193229682092259. | 2.4 | 4 |
| 72 | The YSI 2300 Analyzer Replacement Meeting Report. Journal of Diabetes Science and Technology, 2020, 14, 679-686. | 2.4 | 7 |

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| 73 | A Prospective Study of Insulin Infusion Set Use for up to 7 Days: Early Replacement Reasons and Impact on Glycemic Control. Diabetes Technology and Therapeutics, 2020, 22, 734-741. | 4.9 | 18 |
| 74 | Accuracy assessment of bolus and basal rate delivery of different insulin pump systems used in insulin pump therapy of children and adolescents. Pediatric Diabetes, 2020, 21, 649-656. | 3.0 | 17 |
| 75 | Marijuana in pediatric and adult congenital heart disease heart transplant listing: A survey of provider practices and attitudes. Pediatric Transplantation, 2020, 24, e13640. | 1.0 | 7 |
| 76 | Structures related to pheromone storage in alar androconia and the female abdominal scent gland of Heliconius erato phyllis, Heliconius ethilla narcaea, and Heliconius besckei (Lepidoptera: Nymphalidae: Heliconiinae). Journal of Morphology, 2020, 281, 388-401. | 1.2 | 5 |
| 77 | System accuracy evaluation of 18 CE-marked current-generation blood glucose monitoring systems based on EN ISO 15197:2015. BMJ Open Diabetes Research and Care, 2020, 8, e001067. | 2.9 | 29 |
| 78 | Der Auftragsverarbeitungsvertrag (AV-Vertrag): Relevanz und praktische Bedeutung fÃ¼r die Diabetologie. Diabetologie Und Stoffwechsel, 2020, 15, 312-316. | 0.1 | 2 |
| 79 | Basics and use of continuous glucose monitoring (CGM) in diabetes therapy. Journal of Laboratory Medicine, 2020, 44, 71-79. | 0.8 | 38 |
| 80 | Diabetesdiagnostik in der Hausarztpraxis. Diabetes Aktuell, 2020, 18, 314-314. | 0.0 | 0 |
| 81 | Diabetesdiagnostik in der Praxis. Diabetes Aktuell, 2020, 18, 316-322. | 0.0 | 0 |
| 82 | Diagnostik des Gestationsdiabetes mellitus in der Praxis. Diabetes Aktuell, 2020, 18, 329-334. | 0.0 | 0 |
| 83 | Accuracy of five systems for self-monitoring of blood glucose in the hands of adult lay-users and professionals applying ISO 15197:2013 accuracy criteria and potential insulin dosing errors. Current Medical Research and Opinion, 2019, 35, 301-311. | 1.9 | 6 |
| 84 | First User Experiences With a Novel Touchscreen-Based Insulin Pump System in Daily Life of Patients With Type 1 Diabetes Experienced in Insulin Pump Therapy. Journal of Diabetes Science and Technology, 2019, 13, 96-102. | 2.4 | 4 |
| 85 | Patch Pumps: Are They All the Same?. Journal of Diabetes Science and Technology, 2019, 13, 34-40. | 2.4 | 28 |
| 86 | Establishing Methods to Determine Clinically Relevant Bolus and Basal Rate Delivery Accuracy of Insulin Pumps. Journal of Diabetes Science and Technology, 2019, 13, 60-67. | 2.4 | 24 |
| 87 | High Level of APOA1 in Blood and Maternal Fetal Interface Is Associated With Early Miscarriage. Reproductive Sciences, 2019, 26, 649-656. | 2.5 | 12 |
| 88 | Documentation of Skin-Related Issues Associated with Continuous Glucose Monitoring Use in the Scientific Literature. Diabetes Technology and Therapeutics, 2019, 21, 538-545. | 4.9 | 32 |
| 89 | Advanced carbohydrate counting: An engineering perspective. Annual Reviews in Control, 2019, 48, 401-422. | 8.3 | 13 |
| 90 | Accuracy of Bolus and Basal Rate Delivery of Different Insulin Pump Systems. Diabetes Technology and Therapeutics, 2019, 21, 201-208. | 4.9 | 28 |

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| 91 | Impact of CGM on the Management of Hypoglycemia Problems: Overview and Secondary Analysis of the HypoDE Study. Journal of Diabetes Science and Technology, 2019, 13, 636-644. | 2.4 | 39 |
| 92 | Proof of Concept Study to Assess the Influence of Oxygen Partial Pressure in Capillary Blood on SMBG Measurements. Journal of Diabetes Science and Technology, 2019, 13, 1105-1111. | 2.4 | 7 |
| 93 | Performance and Usability of Three Systems for Continuous Glucose Monitoring in Direct Comparison. Journal of Diabetes Science and Technology, 2019, 13, 890-898. | 2.4 | 22 |
| 94 | Comment on ï¿½accuracy and precision of four main glucometers used in a sub-Saharan African country: a cross-sectional studyï¿½ by Choukem et al. Pan African Medical Journal, 2019, 33, 271. | 0.8 | 0 |
| 95 | Definition, Classification and Diagnosis of Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, S1-S7. | 1.4 | 312 |
| 96 | Glucose Measurement and Control in Patients with Type 1 or Type 2 Diabetes. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, S8-S26. | 1.4 | 7 |
| 97 | Assessment of System Accuracy, Intermediate Measurement Precision, and Measurement Repeatability of a Blood Glucose Monitoring System Based on ISO 15197. Journal of Diabetes Science and Technology, 2019, 13, 235-241. | 2.4 | 2 |
| 98 | Mate Choice and the Persistence of Maternal Mortality. Reproductive Sciences, 2019, 26, 450-458. | 2.5 | 4 |
| 99 | Measures of Accuracy for Continuous Glucose Monitoring and Blood Glucose Monitoring Devices. Journal of Diabetes Science and Technology, 2019, 13, 575-583. | 2.4 | 89 |
| 100 | The Effects and Effect Sizes of Real-Time Continuous Glucose Monitoring on Patient-Reported Outcomes: A Secondary Analysis of the HypoDE Study. Diabetes Technology and Therapeutics, 2019, 21, 86-93. | 4.9 | 15 |
| 101 | Reporting Insulin Pump Accuracy: Trumpet Curves According to IEC 60601-2-24 and Beyond. Journal of Diabetes Science and Technology, 2019, 13, 592-596. | 2.4 | 11 |
| 102 | Evaluation of Analytical Performance of Three Blood Glucose Monitoring Systems: System Accuracy, Measurement Repeatability, and Intermediate Measurement Precision. Journal of Diabetes Science and Technology, 2019, 13, 111-117. | 2.4 | 4 |
| 103 | Evaluation of Four Blood Glucose Monitoring Systems for Self-Testing with Built-in Insulin Dose Advisor Based on ISO 15197:2013: System Accuracy and Hematocrit Influence. Diabetes Technology and Therapeutics, 2018, 20, 303-313. | 4.9 | 11 |
| 104 | Real-time continuous glucose monitoring in adults with type 1 diabetes and impaired hypoglycaemia awareness or severe hypoglycaemia treated with multiple daily insulin injections (HypoDE): a multicentre, randomised controlled trial. Lancet, The, 2018, 391, 1367-1377. | 12.1 | 386 |
| 105 | System Accuracy and User Performance Evaluation of an Improved System for Self-Monitoring of Blood Glucose. Journal of Diabetes Science and Technology, 2018, 12, 407-411. | 2.4 | 7 |
| 106 | Occlusion Detection Time in Insulin Pumps at Two Different Basal Rates. Journal of Diabetes Science and Technology, 2018, 12, 608-613. | 2.4 | 11 |
| 107 | Blood Glucose Monitoring Data Should Be Reported in Detail When Studies About Efficacy of Continuous Glucose Monitoring Systems Are Published. Journal of Diabetes Science and Technology, 2018, 12, 1061-1063. | 2.4 | 14 |
| 108 | User Performance Evaluation of Four Blood Glucose Monitoring Systems Applying ISO 15197:2013 Accuracy Criteria and Calculation of Insulin Dosing Errors. Diabetes Therapy, 2018, 9, 683-697. | 2.6 | 11 |

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|---|---|---|---|
| 109 | Factors That Influence Pancreatic Beta Cell Function and Insulin Resistance in Newly Diagnosed Type 2 Diabetes Patients: A Sub-Analysis of the MARCH Trial. Diabetes Therapy, 2018, 9, 743-752. | 2.6 | 9 |
| 110 | Flash Glucose Monitoring: Differences Between Intermittently Scanned and Continuously Stored Data. Journal of Diabetes Science and Technology, 2018, 12, 397-400. | 2.4 | 12 |
| 111 | Accuracy Evaluation of a New System for Self-Monitoring of Blood Glucose With Three Test Strip Lots Based on ISO 15197:2013. Journal of Diabetes Science and Technology, 2018, 12, 539-540. | 2.4 | 3 |
| 112 | Comparative Handling Analysis of Different Insulin Pump Systems. Journal of Diabetes Science and Technology, 2018, 12, 401-406. | 2.4 | 1 |
| 113 | Impact of Carbohydrate Counting Errors on Glycemic Control in Type 1 Diabetes. IFAC-PapersOnLine, 2018, 51, 186-191. | 0.9 | 10 |
| 114 | Identification of Mixed-Meal Effects on Insulin Needs and Glycemic Control. IFAC-PapersOnLine, 2018, 51, 419-424. | 0.9 | 2 |
| 115 | Glukosemessung und -kontrolle bei Patienten mit Typ-1- oder Typ-2-Diabetes. Diabetologie Und Stoffwechsel, 2018, 13, S97-S107. | 0.1 | 1 |
| 116 | Measurement Performance of Two Continuous Tissue Glucose Monitoring Systems Intended for Replacement of Blood Glucose MonitoringParts of the data have previously been presented at the 77th Scientific Sessions of the American Diabetes Association in San Diego, CA; June 9â€“13, 2017 and at the 17th Annual Diabetes Technology Meeting in Bethesda, MD, November 2â€“4, 2017.Trial number: DRKS00011920; registered at the Deutsches Register Klinischer Studien (German clinical trials) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 44 | 4.9 | 49 |
| 117 | Prediction Quality of Glucose Trend Indicators in Two Continuous Tissue Glucose Monitoring SystemsParts of these data were previously presented at the 53rd Annual Meeting of the European Association for the Study of Diabetes, September 11â€“15, 2017, Lisbon, Portugal.. Diabetes Technology and Therapeutics, 2018, 20, 550-556. | 4.9 | 13 |
| 118 | Empathy-Related Reasoning Is Associated with Children's Moral Concerns for the Welfare and Rights of Animals. Ecopsychology, 2018, 10, 259-269. | 1.4 | 2 |
| 119 | Fallstricke bei der Diabetesdiagnostik: Wird zu lax mit Laborwerten umgegangen?. Deutsche Medizinische Wochenschrift, 2018, 143, 1549-1555. | 0.2 | 21 |
| 120 | Higher HbA1c Measurement Quality Standards are Needed for Follow-Up and Diagnosis: Experience and Analyses from Germany. Hormone and Metabolic Research, 2018, 50, 728-734. | 1.5 | 15 |
| 121 | Evaluation of Hematocrit Influence on Measurements With a Novel Self-Monitoring of Blood Glucose System Based on ISO 15197:2013. Journal of Diabetes Science and Technology, 2018, 12, 1078-1079. | 2.4 | 1 |
| 122 | Definition, Classification and Diagnosis of Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2018, 126, 406-410. | 1.4 | 86 |
| 123 | Practical Recommendations for Glucose Measurement, Glucose Monitoring and Glucose Control in Patients with Type 1 or Type 2 Diabetes in Germany. Experimental and Clinical Endocrinology and Diabetes, 2018, 126, 411-428. | 1.4 | 7 |
| 124 | Limits to the Evaluation of the Accuracy of Continuous Glucose Monitoring Systems by Clinical Trials. Biosensors, 2018, 8, 50. | 4.8 | 33 |
| 125 | HbA1c-Messung in Deutschland: Ist die QualitÃt ausreichend fÃ¼r Verlaufskontrolle und Diagnose?. Diabetologie Und Stoffwechsel, 2018, 13, 46-53. | 0.1 | 17 |
| 126 | Definition, classification and diagnostics of diabetes mellitus. Laboratoriums Medizin, 2018, 42, 73-79. | 2.0 | 4 |

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| 127 | Self-measurement of Blood Glucose and Continuous Glucose Monitoring â€“ Is There Only One Future?. European Endocrinology, 2018, 14, 24. | 1.5 | 19 |
| 128 | Delivery of Low Basal Rates in Different Insulin Pumpsâ€”An Accuracy Evaluation. Diabetes, 2018, 67, 972-P. | 0.9 | 0 |
| 129 | The Relationship between A1C and Hypoglycemia in the HypoDE Study. Diabetes, 2018, 67, 9-LB. | 0.9 | 0 |
| 130 | JOURNAL CLUB: Ultrasound-Guided Breast Interventions: Low Incidence of Infectious Complications With Use of an Uncovered Probe. American Journal of Roentgenology, 2017, 208, 1147-1153. | 2.8 | 15 |
| 131 | Bolus Calculator Safety Mandates a Need for Standards. Journal of Diabetes Science and Technology, 2017, 11, 3-6. | 2.4 | 7 |
| 132 | Accuracy Assessment of an Improved Version of an Established Blood Glucose Monitoring System for Self-Testing Following ISO 15197:2013. Journal of Diabetes Science and Technology, 2017, 11, 851-853. | 2.4 | 1 |
| 133 | Accuracy Evaluation of Four Blood Glucose Monitoring Systems in the Hands of Intended Users and Trained Personnel Based on ISO 15197 Requirements. Diabetes Technology and Therapeutics, 2017, 19, 246-254. | 4.9 | 16 |
| 134 | The Market Metaphor, Radicalized: How a Capitalist Theology Trumped Democracy. Election Law Journal: Rules, Politics, and Policy, 2017, 16, 96-131. | 0.7 | 0 |
| 135 | Strengths and Limitations of New Approaches for Graphical Presentation of Blood Glucose Monitoring System Accuracy Data. Journal of Diabetes Science and Technology, 2017, 11, 1226-1230. | 2.4 | 4 |
| 136 | Introduction of a Novel Smartphone-Coupled Blood Glucose Monitoring System. Journal of Diabetes Science and Technology, 2017, 11, 1231-1233. | 2.4 | 6 |
| 137 | Do the New FDA Guidance Documents Help Improving Performance of Blood Glucose Monitoring Systems Compared With ISO 15197?. Journal of Diabetes Science and Technology, 2017, 11, 1240-1246. | 2.4 | 12 |
| 138 | Replacement of Blood Glucose Measurements by Measurements With Systems for Real-Time Continuous Glucose Monitoring (rtCGM) or CGM With Intermittent Scanning (iscCGM): A German View. Journal of Diabetes Science and Technology, 2017, 11, 653-656. | 2.4 | 4 |
| 139 | ISO 15197: 2013 Evaluation of a Blood Glucose Monitoring Systemâ€™s Measurement Accuracy. Journal of Diabetes Science and Technology, 2017, 11, 1275-1276. | 2.4 | 33 |
| 140 | Improved Glycemic Control in a Patient Group Performing 7-Point Profile Self-Monitoring of Blood Glucose and Intensive Data Documentation: An Open-Label, Multicenter, Observational Study. Diabetes Therapy, 2017, 8, 1079-1085. | 2.6 | 10 |
| 141 | Evaluation of Accuracy of Six Blood Glucose Monitoring Systems and Modeling of Possibly Related Insulin Dosing Errors. Diabetes Technology and Therapeutics, 2017, 19, 580-588. | 4.9 | 18 |
| 142 | Randomized Cross-Over Study Comparing Two Infusion Sets for CSII in Daily Life. Journal of Diabetes Science and Technology, 2017, 11, 253-259. | 2.4 | 12 |
| 143 | Significance and Reliability of MARD for the Accuracy of CGM Systems. Journal of Diabetes Science and Technology, 2017, 11, 59-67. | 2.4 | 84 |
| 144 | Praxisempfehlung der DDG: Glukosemessung und -kontrolle bei Patienten mit Typ-1- oder Typ-2-Diabetes. Diabetologie Und Stoffwechsel, 2017, 12, S242-S262. | 0.1 | 7 |

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| 145 | HbA<sub>1c</sub>-POC-Systeme zur Therapiekontrolle und Diagnostik des Diabetes: Ausreichende QualitÃt und QualitÃtskontrolle?. Laboratoriums Medizin, 2017, 41, 263-267. | 2.0 | 1 |
| 146 | Identification of CGM Time Delays and Implications for BG Control in T1DM. IFMBE Proceedings, 2016, , 190-195. | 0.0 | 7 |
| 147 | Interferences and Limitations in Blood Glucose Self-Testing. Journal of Diabetes Science and Technology, 2016, 10, 1161-1168. | 2.4 | 76 |
| 148 | Comment on â€œThe Performance and Usability of a Factory-Calibrated Flash Glucose Monitoring Systemâ€•by Bailey et al.. Diabetes Technology and Therapeutics, 2016, 18, 334-335. | 4.9 | 6 |
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