Florent J L A Vanstapel

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/609639/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Caffeine counteracts the ergogenic action of muscle creatine loading. Journal of Applied Physiology, 1996, 80, 452-457. | 2.5 | 182 |
| 2 | New Na(+)-H+ exchange inhibitor HOE 694 improves postischemic function and high-energy phosphate resynthesis and reduces Ca2+ overload in isolated perfused rabbit heart Circulation, 1994, 89, 2787-2798. | 1.6 | 177 |
| 3 | Identification, cloning, and heterologous expression of a mammalian fructosamine-3-kinase Diabetes, 2000, 49, 1627-1634. | 0.6 | 135 |
| 4 | Phosphocreatine resynthesis is not affected by creatine loading. Medicine and Science in Sports and Exercise, 1999, 31, 236-242. | 0.4 | 88 |
| 5 | Topology and regulation of bilirubin UDP-glucuronyltransferase in sealed native microsomes from rat liver. Archives of Biochemistry and Biophysics, 1988, 263, 216-225. | 3.0 | 72 |
| 6 | Recommendation for the review of biological reference intervals in medical laboratories. Clinical Chemistry and Laboratory Medicine, 2016, 54, 1893-1900. | 2.3 | 72 |
| 7 | Clycogen-Synthase Phosphatase Activity in Rat Liver. Two Protein Components and Their Requirement for the Activation of Different Types of Substrate. FEBS Journal, 1980, 104, 137-146. | 0.2 | 71 |
| 8 | No-Flow Ischemia Inhibits Insulin Signaling in Heart by Decreasing Intracellular pH. Circulation Research, 2001, 88, 513-519. | 4.5 | 61 |
| 9 | Current Evidence and Future Perspectives on the Effective Practice of Patient-Centered Laboratory Medicine. Clinical Chemistry, 2015, 61, 589-599. | 3.2 | 61 |
| 10 | Demonstration of a Glycogen/Glucose 1-Phosphate Cycle in Hepatocytes from Fasted Rats. Journal of Biological Chemistry, 1995, 270, 19351-19356. | 3.4 | 55 |
| 11 | Molecular mode of inhibition of glycogenolysis in rat liver by the dihydropyridine derivative, BAY R3401: inhibition and inactivation of glycogen phosphorylase by an activated metabolite. Diabetes, 2000, 49, 1419-1426. | 0.6 | 49 |
| 12 | Creatinine reference values in ELBW infants: impact of quantification by Jaffe or enzymatic method. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1678-1681. | 1.5 | 36 |
| 13 | Carrier-mediated translocation of uridine diphosphate glucose into the lumen of endoplasmic reticulum-derived vesicles from rat liver Journal of Clinical Investigation, 1988, 82, 1113-1122. | 8.2 | 33 |
| 14 | Fructosamine 3-kinase-related protein and deglycation in human erythrocytes. Biochemical Journal, 2004, 382, 137-143. | 3.7 | 29 |
| 15 | Assay of mannose-6-phosphatase in untreated and detergent-disrupted rat-liver microsomes for assessment of integrity of microsomal preparations. FEBS Journal, 1986, 156, 73-77. | 0.2 | 28 |
| 16 | Accreditation process in European countries – an EFLM survey. Clinical Chemistry and Laboratory Medicine, 2016, 54, 545-51. | 2.3 | 27 |
| 17 | Flexible scope for ISO 15189 accreditation: a guidance prepared by the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Working Group Accreditation and ISO/CEN standards (WG-A/ISO). Clinical Chemistry and Laboratory Medicine, 2015, 53, 1173-80. | 2.3 | 23 |
| 18 | 13C-NMR relaxation in glycogen. Magnetic Resonance in Medicine, 1996, 36, 45-51. | 3.0 | 19 |

FLORENT J L A VANSTAPEL

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An approach for determining allowable between reagent lot variation. Clinical Chemistry and Laboratory Medicine, 2022, 60, 681-688. | 2.3 | 19 |
| 20 | Implementation of the new EU IVD regulation– urgent initiatives are needed to avert impending crisis. Clinical Chemistry and Laboratory Medicine, 2021, . | 2.3 | 18 |
| 21 | Conversion of a synthetic fructosamine into its 3-phospho derivative in human erythrocytes. Biochemical Journal, 2000, 352, 835-839. | 3.7 | 17 |
| 22 | Induction of hepatic glycogen synthesis by glucocorticoids is not mediated by insulin. Molecular and Cellular Endocrinology, 1982, 27, 107-114. | 3.2 | 16 |
| 23 | Phosphate metabolites in rat skin. NMR in Biomedicine, 1988, 1, 50-55. | 2.8 | 16 |
| 24 | Phosphonates as31P-NMR markers of extra- and intracellular space and pH in perfused rat liver. , 1997, 10, 263-270. | | 15 |
| 25 | Transient Catabolic State with Reduced IGF-I after Antenatal Glucocorticoids. Pediatric Research, 2007, 62, 295-300. | 2.3 | 14 |
| 26 | On the binding of bilirubin and its structural analogs to hepatic microsomal bilirubin UDPglucuronyltransferase. Biochemistry, 1987, 26, 6074-6082. | 2.5 | 13 |
| 27 | Evaluation of Signal Processing Methods for the Quantification of Strongly Overlapping Peaks in 31P NMR Spectra. Journal of Magnetic Resonance Series B, 1994, 105, 31-37. | 1.6 | 13 |
| 28 | In Situ13C NMR quantification of hepatic glycogen. NMR in Biomedicine, 1993, 6, 371-376. | 2.8 | 11 |
| 29 | A safety study on single intravenous dose of tetrachloro-diphenyl glycoluril [iodogen] dissolved in dimethyl sulphoxide (DMSO). Xenobiotica, 2013, 43, 730-737. | 1.1 | 11 |
| 30 | Documenting metrological traceability as intended by ISO 15189:2012: A consensus statement about the practice of the implementation and auditing of this norm element. Clinical Chemistry and Laboratory Medicine, 2019, 57, 459-464. | 2.3 | 11 |
| 31 | Performance of cassette-based blood gas analyzers to monitor blood glucose and lactate levels in a surgical intensive care setting. Clinical Chemistry and Laboratory Medicine, 2013, 51, 1417-27. | 2.3 | 10 |
| 32 | Practice-Oriented Quality Specifications for Therapeutic Drug Monitoring. Clinical Chemistry, 2014, 60, 559-560. | 3.2 | 8 |
| 33 | Performance of strip-based glucose meters and cassette-based blood gas analyzer for monitoring glucose levels in a surgical intensive care setting. Clinical Chemistry and Laboratory Medicine, 2016, 54, 169-80. | 2.3 | 8 |
| 34 | Validation and verification of examination procedures in medical laboratories: opinion of the EFLM Working Group Accreditation and ISO/CEN standards (WG-A/ISO) on dealing with ISO 15189:2012 demands for method verification and validation. Clinical Chemistry and Laboratory Medicine, 2020, 58, 361-367. | 2.3 | 8 |
| 35 | Bile pigment metabolism. Bailliere's Clinical Gastroenterology, 1989, 3, 283-312. | 0.9 | 7 |
| 36 | On the inhibition of hepatic glycogenolysis by fructose. A31P-NMR study in perfused rat liver using the | | 7 |

fructose analogue 2,5-anhydro-D-mannitol. , 1999, 12, 145-156.

FLORENT J L A VANSTAPEL

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Conversion of a synthetic fructosamine into its 3-phospho derivative in human erythrocytes. Biochemical Journal, 2000, 352, 835. | 3.7 | 7 |
| 38 | Organisation and quality monitoring for point-of-care testing (POCT) in Belgium: proposal for an expansion of the legal framework for POCT into primary health care. Acta Clinica Belgica, 2022, 77, 329-336. | 1.2 | 6 |
| 39 | Improving the laboratory result release process in the light of ISO 15189:2012 standard. Clinica Chimica Acta, 2021, 522, 167-173. | 1.1 | 6 |
| 40 | 1H NMR spectroscopy study of the dynamic properties of glycogen in solution by steady-state magnetisation measurement with off-resonance irradiation. Carbohydrate Research, 1998, 306, 479-491. | 2.3 | 5 |
| 41 | Quantification of the glycogen13C-1 NMR signal during glycogen synthesis in perfused rat liver. NMR in Biomedicine, 2003, 16, 36-46. | 2.8 | 5 |
| 42 | 31P-NMR study of cardiac preservation: St. Thomas' Hospital cardioplegic solution versus UW preservation solution. Transplant International, 1991, 4, 82-87. | 1.6 | 4 |
| 43 | Ischaemic ATP degradation studied by HPLC and31P-NMR spectroscopy: do the two techniques observe the same ATP pools?. Basic Research in Cardiology, 1994, 89, 50-60. | 5.9 | 4 |
| 44 | Interference of ethylene glycol with lactate measurement: A comparison study on new generation cassette-based blood gas analyzers. Clinica Chimica Acta, 2012, 414, 18-19. | 1.1 | 4 |
| 45 | Practical approach for medical validation of therapeutic drug monitoring results. Clinical Chemistry and Laboratory Medicine, 2016, 54, e97-e100. | 2.3 | 3 |
| 46 | Further observations on the uptake and effects of phosphonates in perfused rat liver studied by31P-NMR. NMR in Biomedicine, 1999, 12, 275-285. | 2.8 | 2 |
| 47 | Proton magnetization transfer effect in rat liver lactate. Magnetic Resonance in Medicine, 2002, 47, 880-887. | 3.0 | 1 |
| 48 | Phosphonates as 31Pâ€NMR markers of extra- and intracellular space and pH in perfused rat liver. NMR in Biomedicine, 1997, 10, 263-270. | 2.8 | 1 |