

Florent J L A Vanstapel

List of Publications by Year in descending order

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48
papers

1,490
citations

393982

19
h-index

315357

38
g-index

49
all docs

49
docs citations

49
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Caffeine counteracts the ergogenic action of muscle creatine loading. <i>Journal of Applied Physiology</i> , 1996, 80, 452-457.	1.2	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.. <i>Circulation</i> , 1994, 89, 2787-2798.	1.6	177
3	Identification, cloning, and heterologous expression of a mammalian fructosamine-3-kinase. <i>Diabetes</i> , 2000, 49, 1627-1634.	0.3	135
4	Phosphocreatine resynthesis is not affected by creatine loading. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 236-242.	0.2	88
5	Topology and regulation of bilirubin UDP-glucuronyltransferase in sealed native microsomes from rat liver. <i>Archives of Biochemistry and Biophysics</i> , 1988, 263, 216-225.	1.4	72
6	Recommendation for the review of biological reference intervals in medical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 1893-1900.	1.4	72
7	Glycogen-Synthase Phosphatase Activity in Rat Liver. Two Protein Components and Their Requirement for the Activation of Different Types of Substrate. <i>FEBS Journal</i> , 1980, 104, 137-146.	0.2	71
8	No-Flow Ischemia Inhibits Insulin Signaling in Heart by Decreasing Intracellular pH. <i>Circulation Research</i> , 2001, 88, 513-519.	2.0	61
9	Current Evidence and Future Perspectives on the Effective Practice of Patient-Centered Laboratory Medicine. <i>Clinical Chemistry</i> , 2015, 61, 589-599.	1.5	61
10	Demonstration of a Glycogen/Glucose 1-Phosphate Cycle in Hepatocytes from Fasted Rats. <i>Journal of Biological Chemistry</i> , 1995, 270, 19351-19356.	1.6	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. <i>Diabetes</i> , 2000, 49, 1419-1426.	0.3	49
12	Creatinine reference values in ELBW infants: impact of quantification by Jaffe or enzymatic method. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 1678-1681.	0.7	36
13	Carrier-mediated translocation of uridine diphosphate glucose into the lumen of endoplasmic reticulum-derived vesicles from rat liver.. <i>Journal of Clinical Investigation</i> , 1988, 82, 1113-1122.	3.9	33
14	Fructosamine 3-kinase-related protein and deglycation in human erythrocytes. <i>Biochemical Journal</i> , 2004, 382, 137-143.	1.7	29
15	Assay of mannose-6-phosphatase in untreated and detergent-disrupted rat-liver microsomes for assessment of integrity of microsomal preparations. <i>FEBS Journal</i> , 1986, 156, 73-77.	0.2	28
16	Accreditation process in European countries – an EFLM survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 545-51.	1.4	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). <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 1173-80.	1.4	23
18	¹³ C-NMR relaxation in glycogen. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 45-51.	1.9	19

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19	An approach for determining allowable between reagent lot variation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 681-688.	1.4	19
20	Implementation of the new EU IVD regulation“ urgent initiatives are needed to avert impending crisis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, .	1.4	18
21	Conversion of a synthetic fructosamine into its 3-phospho derivative in human erythrocytes. <i>Biochemical Journal</i> , 2000, 352, 835-839.	1.7	17
22	Induction of hepatic glycogen synthesis by glucocorticoids is not mediated by insulin. <i>Molecular and Cellular Endocrinology</i> , 1982, 27, 107-114.	1.6	16
23	Phosphate metabolites in rat skin. <i>NMR in Biomedicine</i> , 1988, 1, 50-55.	1.6	16
24	Phosphonates as ³¹ P-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. <i>Pediatric Research</i> , 2007, 62, 295-300.	1.1	14
26	On the binding of bilirubin and its structural analogs to hepatic microsomal bilirubin UDPglucuronyltransferase. <i>Biochemistry</i> , 1987, 26, 6074-6082.	1.2	13
27	Evaluation of Signal Processing Methods for the Quantification of Strongly Overlapping Peaks in ³¹ P NMR Spectra. <i>Journal of Magnetic Resonance Series B</i> , 1994, 105, 31-37.	1.6	13
28	In Situ ¹³ C NMR quantification of hepatic glycogen. <i>NMR in Biomedicine</i> , 1993, 6, 371-376.	1.6	11
29	A safety study on single intravenous dose of tetrachloro-diphenyl glycoluril [iodogen] dissolved in dimethyl sulphoxide (DMSO). <i>Xenobiotica</i> , 2013, 43, 730-737.	0.5	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. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 459-464.	1.4	11
31	Performance of cassette-based blood gas analyzers to monitor blood glucose and lactate levels in a surgical intensive care setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1417-27.	1.4	10
32	Practice-Oriented Quality Specifications for Therapeutic Drug Monitoring. <i>Clinical Chemistry</i> , 2014, 60, 559-560.	1.5	8
33	Performance of strip-based glucose meters and cassette-based blood gas analyzer for monitoring glucose levels in a surgical intensive care setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 169-80.	1.4	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. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 361-367.	1.4	8
35	Bile pigment metabolism. <i>Bailliere's Clinical Gastroenterology</i> , 1989, 3, 283-312.	0.9	7
36	On the inhibition of hepatic glycogenolysis by fructose. A ³¹ P-NMR study in perfused rat liver using the fructose analogue 2,5-anhydro-D-mannitol. , 1999, 12, 145-156.		7

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37	Conversion of a synthetic fructosamine into its 3-phospho derivative in human erythrocytes. <i>Biochemical Journal</i> , 2000, 352, 835.	1.7	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. <i>Acta Clinica Belgica</i> , 2022, 77, 329-336.	0.5	6
39	Improving the laboratory result release process in the light of ISO 15189:2012 standard. <i>Clinica Chimica Acta</i> , 2021, 522, 167-173.	0.5	6
40	¹ H NMR spectroscopy study of the dynamic properties of glycogen in solution by steady-state magnetisation measurement with off-resonance irradiation. <i>Carbohydrate Research</i> , 1998, 306, 479-491.	1.1	5
41	Quantification of the glycogen ¹³ C-1 NMR signal during glycogen synthesis in perfused rat liver. <i>NMR in Biomedicine</i> , 2003, 16, 36-46.	1.6	5
42	³¹ P-NMR study of cardiac preservation: St. Thomas' Hospital cardioplegic solution versus UW preservation solution. <i>Transplant International</i> , 1991, 4, 82-87.	0.8	4
43	Ischaemic ATP degradation studied by HPLC and ³¹ P-NMR spectroscopy: do the two techniques observe the same ATP pools?. <i>Basic Research in Cardiology</i> , 1994, 89, 50-60.	2.5	4
44	Interference of ethylene glycol with lactate measurement: A comparison study on new generation cassette-based blood gas analyzers. <i>Clinica Chimica Acta</i> , 2012, 414, 18-19.	0.5	4
45	Practical approach for medical validation of therapeutic drug monitoring results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e97-e100.	1.4	3
46	Further observations on the uptake and effects of phosphonates in perfused rat liver studied by ³¹ P-NMR. <i>NMR in Biomedicine</i> , 1999, 12, 275-285.	1.6	2
47	Proton magnetization transfer effect in rat liver lactate. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 880-887.	1.9	1
48	Phosphonates as ³¹ P-NMR markers of extra- and intracellular space and pH in perfused rat liver. <i>NMR in Biomedicine</i> , 1997, 10, 263-270.	1.6	1