Mark A Cervinski

List of Publications by Year
in descending order

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64	961	394421	454955
papers	citations	19	30
		h-index	g-index

67	67	67	923
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Psychoactive Substrates Stimulate Dopamine Transporter Phosphorylation and Down-regulation by Cocaine-sensitive and Protein Kinase C-dependent Mechanisms. Journal of Biological Chemistry, 2005, 280, 40442-40449.	3.4	113
2	False-Negative Results in Point-of-Care Qualitative Human Chorionic Gonadotropin (hCG) Devices Due to Excess hCGÎ² Core Fragment. Clinical Chemistry, 2009, 55, 1389-1394.	3.2	73
3	Optimization of a Moving Averages Program Using a Simulated Annealing Algorithm: The Goal is to Monitor the Process Not the Patients. Clinical Chemistry, 2016, 62, 1361-1371.	3.2	63
4	Patient-Based Real-Time Quality Control: Review and Recommendations. Clinical Chemistry, 2019, 65, 962-971.	3.2	50
5	Qualitative point-of-care and over-the-counter urine hCG devices differentially detect the hCG variants of early pregnancy. Clinica Chimica Acta, 2009, 406, 81-85.	1.1	44
6	AACC Guidance Document on Biotin Interference in Laboratory Tests. journal of applied laboratory medicine, The, 2020, 5, 575-587.	1.3	41
7	Syntaxin 1A regulates dopamine transporter activity, phosphorylation and surface expression. Neuroscience, 2010, 170, 408-416.	2.3	39
8	Dopamine transporters are dephosphorylated in striatal homogenates and in vitro by protein phosphatase 1. Molecular Brain Research, 2003, 110, 100-108.	2.3	36
9	Recommendation for performance verification of patient-based real-time quality control. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1205-1213.	2.3	34
10	Multiple lipoprotein and electrolyte laboratory artifacts caused by lipoprotein X in obstructive biliary cholestasis secondary to pancreatic cancer. Journal of Clinical Lipidology, 2011, 5, 324-328.	1.5	31
11	Understanding Patient-Based Real-Time Quality Control Using Simulation Modeling. Clinical Chemistry, 2020, 66, 1072-1083.	3.2	30
12	â€œBig Dataâ€•in Laboratory Medicine. Clinical Chemistry, 2015, 61, 1433-1440.	3.2	29
13	Recommendations for laboratory informatics specifications needed for the application of patient-based real time quality control. Clinica Chimica Acta, 2019, 495, 625-629.	1.1	28
14	Reference intervals and diagnostic ranges for serum free Îº and free Î» immunoglobulin light chains vary by instrument platform: Implications for classification of patient results in a multi-center study. Clinical Biochemistry, 2018, 58, 100-107.	1.9	25
15	Assessment of biotin interference with qualitative point-of-care hCG test devices. Clinical Biochemistry, 2018, 53, 168-170.	1.9	21
16	A primer on patient-based quality control techniques. Clinical Biochemistry, 2019, 64, 1-5.	1.9	21
17	Implementation of patient-based real-time quality control. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 532-547.	6.1	21
18	Pre-Analytical Handling Conditions and Small RNA Recovery from Urine for miRNA Profiling. Journal of Molecular Diagnostics, 2018, 20, 565-571.	2.8	20

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19	An Intact ACTH LC-MS/MS Assay as an Arbiter of Clinically Discordant Immunoassay Results. Clinical Chemistry, 2019, 65, 1397-1404.	3.2	19
20	Benefits, limitations and controversies on patient-based real-time quality control (PBRTQC) and the evidence behind the practice. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1213-1220.	2.3	19
21	Reproductive-endocrine point-of-care testing: current status and limitations. Clinical Chemistry and Laboratory Medicine, 2010, 48, 935-942.	2.3	18
22	Establishment of a CYP2C19 Genotyping Assay for Clinical Use. American Journal of Clinical Pathology, 2013, 139, 202-207.	0.7	15
23	Development of a rapid clinical TPMT genotyping assay. Clinical Biochemistry, 2014, 47, 126-129.	1.9	15
24	Performance characteristics of a no-pretreatment, random access sirolimus assay for the DimensionÂ® RxL clinical chemistry system. Clinical Biochemistry, 2009, 42, 1123-1127.	1.9	10
25	Comparison of Two Automated Immunoassays for the Detection of SARS-CoV-2 Nucleocapsid Antibodies. journal of applied laboratory medicine, The, 2021, 6, 429-440.	1.3	10
26	A comparison of SARS-CoV-2 nucleocapsid and spike antibody detection using three commercially available automated immunoassays. Clinical Biochemistry, 2021, 95, 77-80.	1.9	10
27	Average of Patient Deltas: Patient-Based Quality Control Utilizing the Mean Within-Patient Analyte Variation. Clinical Chemistry, 2021, 67, 1019-1029.	3.2	9
28	A macro-enzyme cause of an isolated increase of alkaline phosphatase. Clinica Chimica Acta, 2015, 440, 169-171.	1.1	8
29	Wastewater-Based SARS-CoV-2 Surveillance in Northern New England. Microbiology Spectrum, 2022, 10, e0220721.	3.0	8
30	Demystifying Reference Sample Quality Control. Clinical Chemistry, 2016, 62, 907-909.	3.2	7
31	Comparison of Symptoms and Antibody Response Following Administration of Moderna or Pfizer SARS-CoV-2 Vaccines. Archives of Pathology and Laboratory Medicine, 2022, 146, 677-685.	2.5	7
32	Analytical and Clinical Validation of Two Commercially Available Immunoassays Used in the Detection of TSHR Antibodies. journal of applied laboratory medicine, The, 2017, 2, 345-355.	1.3	6
33	Evaluation of Thyroid Function in Pregnant Women Using Automated Immunoassays. Clinical Chemistry, 2021, 67, 772-780.	3.2	6
34	Direct-to-Consumer Genotyping: Are We Ready for a Brave New World?. Clinical Chemistry, 2010, 56, 1056-1060.	3.2	5
35	Laboratory analysis of intraosseous blood: bad to the bone?. Clinical Chemistry and Laboratory Medicine, 2014, 52, e187-9.	2.3	5
36	Hyponatremia, Hypokalemia, Hypochloremia, and Other Abnormalities. Clinical Chemistry, 2016, 62, 898-898.	3.2	4

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37	ETRAP (efficient trapping and purification) of target protein polyclonal antibodies from GST-protein immune sera1. Biotechnology and Applied Biochemistry, 2010, 57, 127-138.	3.1	3
38	Validation of interleukin 28B genotyping assay for clinical use. Clinical Biochemistry, 2014, 47, 478-480.	1.9	3
39	Reducing dermal exposure to agrochemical carcinogens using a fluorescent dye-based intervention among subsistence farmers in rural Honduras. International Journal of Hygiene and Environmental Health, 2021, 234, 113734.	4.3	3
40	A Urine Sample with an Orange to Red Hue, What Should We Do?. Clinical Chemistry, 2012, 58, 1497-1498.	3.2	2
41	Laboratory validation of a low density lipoprotein apolipoprotein-B assay. Clinical Biochemistry, 2014, 47, 211-215.	1.9	2
42	Method Validation of Human Chorionic Gonadotropin and Î±-Fetoprotein in Cerebrospinal Fluid: Aiding the Diagnosis of Intracranial Germ Cell Tumors. journal of applied laboratory medicine, The, 2017, 2, 65-75.	1.3	2
43	Low serum alkaline phosphatase activity due to asymptomatic hypophosphatasia in a teenage girl. Clinical Biochemistry, 2018, 59, 90-92.	1.9	2
44	Pushing Patient-Based Quality Control Forward through Regression. Clinical Chemistry, 2021, 67, 1299-1300.	3.2	2
45	Derivation of real metrics of long term patient and analytical variation of three hemoglobin A1c assays demonstrates both borderline and highly acceptable analytical performance. Journal of Laboratory and Precision Medicine, 0, 5, 26-26.	1.1	2
46	Sudden Severe Bleeding in a Patient with Hemochromatosis: Liver Failure or Something Else?. Clinical Chemistry, 2016, 62, 1674-1675.	3.2	1
47	Detection of Systematic Error Using the Average of Deltas. American Journal of Clinical Pathology, 2017, 147, S162-S163.	0.7	1
48	A Patient with an Unexpectedly Low Hemoglobin A1c. Clinical Chemistry, 2018, 64, 1263-1264.	3.2	1
49	A Question of Opioid Diversion or Compliance. Clinical Chemistry, 2019, 65, 236-240.	3.2	1
50	The Curious Case of an Isolated Positive Hepatitis B Surface Antigen Result. Clinical Chemistry, 2019, 65, 499-500.	3.2	1
51	A Single-Column Gas Chromatography Method for Quantifying Toxic Alcohols. journal of applied laboratory medicine, The, 2020, 5, 300-310.	1.3	1
52	A Case of Persistently Low Hemoglobin A1c with Normal Plasma Glucose Concentrations. journal of applied laboratory medicine, The, 2021, 6, 1376-1379.	1.3	1
53	Current Testing Strategies for SARS-CoV-2 in the United States. Clinical Chemistry, 2021, 67, 935-940.	3.2	1
54	Review of SARS-CoV-2 Antigen and Antibody Testing in Diagnosis and Community Surveillance. Advances in Molecular Pathology, 2021, , .	0.4	1

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55	Gamma Glutamyl Transferase Activity Has Limited Utility in Assessment of Alkaline Phosphatase Elevations. journal of applied laboratory medicine, The, 2021, 6, 1623-1627.	1.3	1
56	Transformation of Sequential Hospital and Outpatient Laboratory Data into Between-Day Reference Change Values. Clinical Chemistry, 2022, 68, 595-603.	3.2	1
57	The SYCL Toolkit: Creating a Program within a Professional Organization for Young Scientists. Clinical Chemistry, 2013, 59, 1416-1417.	3.2	0
58	Prolonged Bleeding in a 34-Year-Old Man following Oral Surgery. Clinical Chemistry, 2016, 62, 1676-1677.	3.2	0
59	The Urine that Would Not Freeze. journal of applied laboratory medicine, The, 2017, 2, 132-133.	1.3	0
60	Plumbing the Wastefulness of Zinc Protoporphyrin as a Pediatric Lead Screen. journal of applied laboratory medicine, The, 2017, 2, 451-454.	1.3	0
61	49 Improved Low Concentration Precision and Interassay Correlation between ARK and TDx Methotrexate Assays Following a Laboratory Modification. American Journal of Clinical Pathology, 2018, 149, S189-S189.	0.7	0
62	Retrospective Evaluation of the Antibody Prevalence in Epilepsy and Encephalopathy (APE2) Score. journal of applied laboratory medicine, The, 2022, 7, 36-45.	1.3	0
63	An Unexpectedly Normal Sweat Chloride. Clinical Chemistry, 2021, 67, 1037-1038.	3.2	0
64	OUP accepted manuscript. Clinical Chemistry, 2022, 68, 368-369.	3.2	0