

Dina N Greene

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5730004/publications.pdf>

Version: 2024-02-01

113
papers

1,761
citations

279798
23
h-index

315739
38
g-index

114
all docs

114
docs citations

114
times ranked

2113
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Laboratory Practice Recommendations for the Use of Cardiac Troponin in Acute Coronary Syndrome: Expert Opinion from the Academy of the American Association for Clinical Chemistry and the Task Force on Clinical Applications of Cardiac Bio-Markers of the International Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry</i> , 2018, 64, 645-655.	3.2	327
2	Directed evolution of RuBisCO hypermorphs through genetic selection in engineered E.coli. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 113-119.	2.1	92
3	Î±1-Antitrypsin Phenotypes and Associated Serum Protein Concentrations in a Large Clinical Population. <i>Chest</i> , 2013, 143, 1000-1008.	0.8	79
4	Variability and Error in Cardiac Troponin Testing. <i>American Journal of Clinical Pathology</i> , 2017, 148, 281-295.	0.7	63
5	When Gender Identity Doesn't Equal Sex Recorded at Birth: The Role of the Laboratory in Providing Effective Healthcare to the Transgender Community. <i>Clinical Chemistry</i> , 2017, 63, 1342-1352.	3.2	61
6	Advances in detection of hemoglobinopathies. <i>Clinica Chimica Acta</i> , 2015, 439, 50-57.	1.1	60
7	Comparison of Sebia Capillarys Flex capillary electrophoresis with the BioRad Variant II high pressure liquid chromatography in the evaluation of hemoglobinopathies. <i>Clinica Chimica Acta</i> , 2012, 413, 1232-1238.	1.1	48
8	Biotin Interference in Clinical Immunoassays. <i>Journal of applied laboratory medicine</i> , The, 2018, 2, 941-951.	1.3	47
9	Single-Molecule Force Spectroscopy Reveals a Stepwise Unfolding of <i>Caenorhabditis elegans</i> Giant Protein Kinase Domains. <i>Biophysical Journal</i> , 2008, 95, 1360-1370.	0.5	44
10	Hematology reference intervals for transgender adults on stable hormone therapy. <i>Clinica Chimica Acta</i> , 2019, 492, 84-90.	1.1	44
11	Total Analytic Error for Low Cardiac Troponin Concentrations (â‰¤10 ng/L) by Use of a High-Sensitivity Cardiac Troponin Assay. <i>Clinical Chemistry</i> , 2017, 63, 1043-1045.	3.2	42
12	Establishing evidence-based thresholds and laboratory practices to reduce inappropriate treatment of pseudohyperkalemia. <i>Clinical Biochemistry</i> , 2017, 50, 663-669.	1.9	36
13	Limitations in qualitative point of care hCG tests for detecting early pregnancy. <i>Clinica Chimica Acta</i> , 2013, 415, 317-321.	1.1	35
14	Diversification and Specialization of HIV Protease Function During In Vitro Evolution. <i>Molecular Biology and Evolution</i> , 2006, 23, 764-772.	8.9	34
15	Endogenous alkaline phosphatase interference in cardiac troponin I and other sensitive chemiluminescence immunoassays that use alkaline phosphatase activity for signal amplification. <i>Clinical Biochemistry</i> , 2016, 49, 1118-1121.	1.9	33
16	Venous Thrombotic Risk in Transgender Women Undergoing Estrogen Therapy: A Systematic Review and Metaanalysis. <i>Clinical Chemistry</i> , 2019, 65, 57-66.	3.2	32
17	Transgender Man Being Evaluated for a Kidney Transplant. <i>Clinical Chemistry</i> , 2017, 63, 1680-1683.	3.2	31
18	Falsely Decreased Human Chorionic Gonadotropin (hCG) Results Due to Increased Concentrations of the Free Î² Subunit and the Î² Core Fragment in Quantitative hCG Assays. <i>Clinical Chemistry</i> , 2010, 56, 1839-1844.	3.2	29

#	ARTICLE	IF	CITATIONS
19	Facilitating the Laboratory Diagnosis of α_1 -Antitrypsin Deficiency. American Journal of Clinical Pathology, 2013, 139, 184-191.	0.7	29
20	The Vaginal Microbiome of Transgender Men. Clinical Chemistry, 2019, 65, 199-207.	3.2	29
21	Age, sex, and racial influences on the Beckman Coulter AccuTnl+3 99th percentile. Clinica Chimica Acta, 2015, 444, 149-153.	1.1	28
22	Cerebrospinal Fluid Myelin Basic Protein Is Frequently Ordered but Has Little Value. American Journal of Clinical Pathology, 2012, 138, 262-272.	0.7	27
23	Clotting factors: Clinical biochemistry and their roles as plasma enzymes. Advances in Clinical Chemistry, 2020, 94, 31-84.	3.7	27
24	Reproductive Endocrinology Reference Intervals for Transgender Women on Stable Hormone Therapy. Journal of applied laboratory medicine, The, 2021, 6, 15-26.	1.3	24
25	Falsely Undetectable TSH in a Cohort of South Asian Euthyroid Patients. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1171-1179.	3.6	23
26	Common Hormone Therapies Used to Care for Transgender Patients Influence Laboratory Results. Journal of applied laboratory medicine, The, 2019, 3, 799-814.	1.3	23
27	Association Between Laboratory Calibration of a Serum Bilirubin Assay, Neonatal Bilirubin Levels, and Phototherapy Use. JAMA Pediatrics, 2016, 170, 557.	6.2	19
28	Reproductive Endocrinology Reference Intervals for Transgender Men on Stable Hormone Therapy. Journal of applied laboratory medicine, The, 2021, 6, 41-50.	1.3	19
29	Analytical sensitivity of four commonly used hCG point of care devices. Clinical Biochemistry, 2015, 48, 448-452.	1.9	17
30	Decreasing median age of COVID-19 cases in the United States—Changing epidemiology or changing surveillance?. PLoS ONE, 2020, 15, e0240783.	2.5	17
31	Performance specifications of common chemistry analytes on the AU series of chemistry analyzers for miscellaneous body fluids. Clinica Chimica Acta, 2013, 426, 121-126.	1.1	16
32	Neonatal total bilirubin measurements: Still room for harmonization. Clinical Biochemistry, 2014, 47, 1112-1115.	1.9	15
33	Performance characteristics of the Beckman Coulter total β hCG (5th IS) assay. Clinica Chimica Acta, 2015, 439, 61-67.	1.1	13
34	Interoperability: COVID-19 as an Impetus for Change. Clinical Chemistry, 2021, 67, 592-595.	3.2	13
35	Evaluation of the Integrated E-Z Split Key [®] Cup II for Rapid Detection of Twelve Drug Classes in Urine. Journal of Analytical Toxicology, 2011, 35, 46-53.	2.8	12
36	Pathology Consultation on Human Chorionic Gonadotropin Testing for Pregnancy Assessment. American Journal of Clinical Pathology, 2015, 144, 830-836.	0.7	12

#	ARTICLE	IF	CITATIONS
37	Sublingual Estradiol Is Associated with Higher Estrone Concentrations than Transdermal or Injectable Preparations in Transgender Women and Gender Nonbinary Adults. <i>LGBT Health</i> , 2021, 8, 125-132.	3.4	11
38	Limited Evidence for Use of a Black Race Modifier in eGFR Calculations: A Systematic Review. <i>Clinical Chemistry</i> , 2022, 68, 521-533.	3.2	11
39	Identification of One or Two α -Globin Gene Deletions by Isoelectric Focusing Electrophoresis. <i>American Journal of Clinical Pathology</i> , 2013, 140, 301-305.	0.7	10
40	Human chorionic gonadotropin discriminatory zone in ectopic pregnancy: does assay harmonization matter?. <i>Fertility and Sterility</i> , 2014, 101, 1671-1674.	1.0	10
41	Establishing consensus-based, assay-specific 99th percentile upper reference limits to facilitate proper utilization of cardiac troponin measurements. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1675-1682.	2.3	9
42	Cannabis Legalization Does Not Influence Patient Compliance with Opioid Therapy. <i>American Journal of Medicine</i> , 2019, 132, 347-353.	1.5	9
43	A Retrospective Analysis of Creatinine-Based Kidney Function With and Without Sex Assigned at Birth Among Transgender Adults. <i>Annals of Pharmacotherapy</i> , 2022, 56, 791-799.	1.9	9
44	Misclassification of an apparent alpha 1-antitrypsin α -deficiency variant by melting analysis. <i>Clinica Chimica Acta</i> , 2011, 412, 1454-1456.	1.1	8
45	Therapeutic concentrations of hydroxocobalamin interferes with several spectrophotometric assays on the Beckman Coulter DxC and AU680 chemistry analyzers. <i>Clinica Chimica Acta</i> , 2015, 450, 110-114.	1.1	8
46	Filling in the gaps with non-standard body fluids. <i>Practical Laboratory Medicine</i> , 2016, 5, 24-31.	1.3	8
47	Where Are the Preanalytical Stability Standards?. <i>journal of applied laboratory medicine</i> , The, 2018, 2, 830-832.	1.3	8
48	Oral estrogen leads to falsely low concentrations of estradiol in a common immunoassay. <i>Endocrine Connections</i> , 2022, 11, .	1.9	8
49	Susceptibility of commonly used ferritin assays to the classic hook effect. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e41-3.	2.3	7
50	Evidence-Based Validation of Hemolysis Index Thresholds by Use of Retrospective Clinical Data. <i>journal of applied laboratory medicine</i> , The, 2018, 3, 109-114.	1.3	7
51	Lot-to-Lot Variation for Commercial High-Sensitivity Cardiac Troponin: Can We Realistically Report Down to the Assay's Limit of Detection?. <i>Clinical Chemistry</i> , 2020, 66, 1146-1149.	3.2	7
52	Development of an equation to correct for hemolysis in direct bilirubin measurements. <i>Clinica Chimica Acta</i> , 2014, 429, 194-197.	1.1	6
53	Challenges in harmonizing integrated healthcare network laboratories: Multi-center evaluation of the AccuTnl+3 troponin assay. <i>Clinical Biochemistry</i> , 2015, 48, 268-274.	1.9	6
54	Method-to-method variability in urine albumin measurements. <i>Clinica Chimica Acta</i> , 2016, 460, 114-119.	1.1	6

#	ARTICLE	IF	CITATIONS
55	Reply to “Kidney transplantation and donation in the transgender population: A single-institution case series” American Journal of Transplantation, 2020, 20, 3693-3694.	4.7	6
56	Side-Effects of COVID-19 on Patient Care: An INR Story. journal of applied laboratory medicine, The, 2021, 6, 953-961.	1.3	6
57	The Lines That Held Us: Assessing Racial and Socioeconomic Disparities in SARS-CoV-2 Testing. journal of applied laboratory medicine, The, 2021, 6, 1143-1154.	1.3	6
58	Reference Intervals for Clinical Chemistry Analytes for Transgender Men and Women on Stable Hormone Therapy. journal of applied laboratory medicine, The, 2022, 7, 1131-1144.	1.3	6
59	Î±1-Antitrypsin Deficiency in Fraternal Twins Born With Familial Spontaneous Pneumothorax. Chest, 2012, 141, 239-241.	0.8	5
60	A roadmap to defining the clinical reportable ranges of chemistry analytes: Increasing automation efficiency and decreasing manual dilutions. Clinica Chimica Acta, 2015, 451, 257-262.	1.1	5
61	Factors influencing naproxen metabolite interference in total bilirubin assays. Clinical Biochemistry, 2016, 49, 514-517.	1.9	5
62	Measuring and Interpreting Serum AAT Concentration. Methods in Molecular Biology, 2017, 1639, 21-32.	0.9	5
63	Performance characteristics of the Beckman Coulter UniCel Dxl 800 TSH (3rd IS) assay. Clinica Chimica Acta, 2018, 478, 90-100.	1.1	5
64	The effect of the Covid-19 shutdown on glycemic testing and control. Clinica Chimica Acta, 2021, 519, 148-152.	1.1	5
65	Publication outcome of abstracts presented at the AACC annual meeting. Clinica Chimica Acta, 2016, 456, 49-55.	1.1	4
66	A Few Steps Closer to Optimizing Pseudohyperkalemia Detection. journal of applied laboratory medicine, The, 2019, 3, 919-921.	1.3	4
67	Histologic Findings in Surgical Pathology Specimens From Individuals Taking Feminizing Hormone Therapy for the Purpose of Gender Transition: A Systematic Scoping Review. Archives of Pathology and Laboratory Medicine, 2021, , .	2.5	4
68	What is Your Guess? An Unlikely Pregnancy. Clinical Chemistry, 2010, 56, 1645-1646.	3.2	3
69	Pseudohypophosphatemia associated with high-dose liposomal amphotericin B therapy. Clinical Biochemistry, 2017, 50, 967-971.	1.9	3
70	Transfusion support for transgender men of childbearing age. Transfusion, 2018, 58, 823-825.	1.6	3
71	Characterization of bilirubin interference in three commonly used digoxin assays. Clinical Biochemistry, 2019, 63, 102-105.	1.9	3
72	Data-driven quality assurance to prevent erroneous test results. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 146-160.	6.1	3

#	ARTICLE	IF	CITATIONS
73	When To Retest: an Examination of Repeat COVID-19 PCR Patterns in an Ambulatory Population. Journal of Clinical Microbiology, 2020, 58, .	3.9	3
74	Small volume retinol binding protein measurement by liquid chromatography-tandem mass spectrometry. Clinical Biochemistry, 2022, 99, 111-117.	1.9	3
75	Fluctuating Serum Aspartate Aminotransferase Activity in a Complicated Pregnancy. Clinical Chemistry, 2015, 61, 1241-1244.	3.2	2
76	A mathematical procedure to estimate the impact of a change in method on discordance or misclassification at a decision limit in laboratory method comparison studies. Clinica Chimica Acta, 2015, 440, 23-30.	1.1	2
77	An Abrupt Hepatitis B Seroconversion. Clinical Chemistry, 2016, 62, 1414-1415.	3.2	2
78	AAT Phenotype Identification by Isoelectric Focusing. Methods in Molecular Biology, 2017, 1639, 33-44.	0.9	2
79	Laboratory Utilization and Analytical Validation of Fecal Electrolyte Tests. journal of applied laboratory medicine, The, 2017, 1, 668-677.	1.3	2
80	A Diagnostic Dilemma Involving Dabs in First-Episode Psychosis. journal of applied laboratory medicine, The, 2017, 2, 113-117.	1.3	2
81	Swab-Free Transport as an Optimized Preanalytical Workflow for SARS-CoV-2 Amplification. journal of applied laboratory medicine, The, 2021, 6, 606-613.	1.3	2
82	77: THC Use and Marijuana Legalization Do Not Influence Chronic Opioid Therapy Compliance. American Journal of Clinical Pathology, 2015, 143, A046-A046.	0.7	1
83	Persistently Elevated Human Chorionic Gonadotropin in a Menopausal Woman. journal of applied laboratory medicine, The, 2016, 1, 315-318.	1.3	1
84	Challenges in harmonizing integrated healthcare network laboratories: multi-center evaluation of the hCG5 assay. Clinical Biochemistry, 2016, 49, 105-110.	1.9	1
85	Prospective evaluation of dilution parameters optimized for 53 chemistry analytes measured using the AU instrument series. Clinica Chimica Acta, 2017, 464, 202-203.	1.1	1
86	Interassay Comparison of the Tumor Markers CA125, CA15.3, and CA27.29. journal of applied laboratory medicine, The, 2017, 2, 17-24.	1.3	1
87	Robustness of the Beckman Coulter Access TSH (3rd IS) assay. Clinica Chimica Acta, 2018, 480, 112-113.	1.1	1
88	Real-Time PCR to Detect Δ 1 Antitrypsin S and Z Alleles in Formalin-Fixed Paraffin-Embedded Tissue. journal of applied laboratory medicine, The, 2018, 3, 18-25.	1.3	1
89	Ovarian and Adrenal Venous Catheterization for Hyperandrogenism. journal of applied laboratory medicine, The, 2019, 4, 439-445.	1.3	1
90	Selecting a SARS-CoV-2/COVID Molecular Testing Method for Your Laboratory. journal of applied laboratory medicine, The, 2020, 5, 837-840.	1.3	1

#	ARTICLE	IF	CITATIONS
91	OUP accepted manuscript. American Journal of Clinical Pathology, 2021, , .	0.7	1
92	Evaluation of Patient Demographics in Clinical Cancer Genomic Testing. journal of applied laboratory medicine, The, 2021, 6, 119-124.	1.3	1
93	Decreasing the Lower Limit of Quantitation for Urine Albumin Improves Clinical Utility. journal of applied laboratory medicine, The, 2022, 7, 1145-1150.	1.3	1
94	The Heart Is Both Hot and Cold. Clinical Chemistry, 2012, 58, 799-799.	3.2	0
95	Childlike. Clinical Chemistry, 2012, 58, 1610-1610.	3.2	0
96	One Step Inside. Clinical Chemistry, 2013, 59, 1138-1138.	3.2	0
97	Î± 1 -Antitrypsin Level and Pheno/Genotypes: Response. Chest, 2013, 144, 1733-1734.	0.8	0
98	The Missing Band. Clinical Chemistry, 2014, 60, 1019-1020.	3.2	0
99	67: Susceptibility of Commonly Used Ferritin Assays to the Classic Hook Effect. American Journal of Clinical Pathology, 2015, 143, A039-A039.	0.7	0
100	40: Spectral Wavelength and pH: A Mechanism for Naproxen Metabolite Positive Interference in Total Bilirubin Assays. American Journal of Clinical Pathology, 2015, 143, A021-A021.	0.7	0
101	Floating. Clinical Chemistry, 2015, 61, 449-449.	3.2	0
102	Method-dependent Discrepancies in Fetal Hemoglobin Quantification in Patients With Hemoglobin S. Journal of Pediatric Hematology/Oncology, 2016, 38, 402-405.	0.6	0
103	Julia. Clinical Chemistry, 2017, 63, 1425-1425.	3.2	0
104	Persistent Hypercalcemia Despite Multiple Exploratory Neck Surgeries. journal of applied laboratory medicine, The, 2017, 2, 107-112.	1.3	0
105	Clinical Electrophoresis. , 2018, , 128-128.		0
106	Biotin Measurement by Targeted LC-MS/MS: Method Development and Application to the Evaluation of Immunoassay Interference in Thyroid Function Tests. American Journal of Clinical Pathology, 2019, 152, S4-S5.	0.7	0
107	The Reply. American Journal of Medicine, 2019, 132, e717.	1.5	0
108	Bad Tests Die Slowly: The Myelin Basic Protein Example. journal of applied laboratory medicine, The, 2020, 5, 136-141.	1.3	0

#	ARTICLE	IF	CITATIONS
109	Transgender endocrinology. , 2021, , 639-661.		0
110	Is the Confirmatory Test Always Right? Sometimes Immunoassays Know What They Are Talking About. journal of applied laboratory medicine, The, 2021, , .	1.3	0
111	False-Positive Total T3 Using the Ortho Vitros Immunoassay in Pediatric Populations. journal of applied laboratory medicine, The, 2017, 1, 751-753.	1.3	0
112	The Journal of Applied Laboratory Medicine Special Issue on Health Disparities. journal of applied laboratory medicine, The, 2021, 6, 1-2.	1.3	0
113	Global Partnerships Ensure Quality Clinical Laboratory Operations. journal of applied laboratory medicine, The, 2022, 7, 406-408.	1.3	0