

# Dina N Greene

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101  
papers

1,198  
citations

19  
h-index

31  
g-index

114  
ext. papers

1,515  
ext. citations

3.4  
avg, IF

4.85  
L-index

#	Paper	IF	Citations
101	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> , <b>2018</b> , 64, 645-655	5.5	211
100	Directed evolution of RuBisCO hypermorphs through genetic selection in engineered E.coli. <i>Protein Engineering, Design and Selection</i> , <b>2006</b> , 19, 113-9	1.9	77
99	$\alpha$ -Antitrypsin phenotypes and associated serum protein concentrations in a large clinical population. <i>Chest</i> , <b>2013</b> , 143, 1000-1008	5.3	63
98	Advances in detection of hemoglobinopathies. <i>Clinica Chimica Acta</i> , <b>2015</b> , 439, 50-7	6.2	44
97	Variability and Error in Cardiac Troponin Testing: An ACLPS Critical Review. <i>American Journal of Clinical Pathology</i> , <b>2017</b> , 148, 281-295	1.9	43
96	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> , <b>2017</b> , 63, 1342-1352	5.5	39
95	Single-molecule force spectroscopy reveals a stepwise unfolding of <i>Caenorhabditis elegans</i> giant protein kinase domains. <i>Biophysical Journal</i> , <b>2008</b> , 95, 1360-70	2.9	37
94	Biotin Interference in Clinical Immunoassays. <i>Journal of Applied Laboratory Medicine</i> , <b>2018</b> , 2, 941-951		35
93	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> , <b>2012</b> , 413, 1232-8	6.2	35
92	Total Analytic Error for Low Cardiac Troponin Concentrations ( $\leq 10$ ng/L) by Use of a High-Sensitivity Cardiac Troponin Assay. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1043-1045	5.5	34
91	Diversification and specialization of HIV protease function during in vitro evolution. <i>Molecular Biology and Evolution</i> , <b>2006</b> , 23, 764-72	8.3	33
90	Limitations in qualitative point of care hCG tests for detecting early pregnancy. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 317-21	6.2	32
89	Facilitating the laboratory diagnosis of $\alpha$ -antitrypsin deficiency. <i>American Journal of Clinical Pathology</i> , <b>2013</b> , 139, 184-91	1.9	25
88	Hematology reference intervals for transgender adults on stable hormone therapy. <i>Clinica Chimica Acta</i> , <b>2019</b> , 492, 84-90	6.2	24
87	Age, sex, and racial influences on the Beckman Coulter AccuTnI+3 99th percentile. <i>Clinica Chimica Acta</i> , <b>2015</b> , 444, 149-53	6.2	24
86	Falsely decreased human chorionic gonadotropin (hCG) results due to increased concentrations of the free beta subunit and the beta core fragment in quantitative hCG assays. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 1839-44	5.5	24
85	Establishing evidence-based thresholds and laboratory practices to reduce inappropriate treatment of pseudohyperkalemia. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 663-669	3.5	23

84	Venous Thrombotic Risk in Transgender Women Undergoing Estrogen Therapy: A Systematic Review and Metaanalysis. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 57-66	5.5	23
83	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> , <b>2016</b> , 49, 1118-1121	3.5	22
82	Transgender Man Being Evaluated for a Kidney Transplant. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1680-1683	5.5	19
81	Cerebrospinal fluid myelin basic protein is frequently ordered but has little value: a test utilization study. <i>American Journal of Clinical Pathology</i> , <b>2012</b> , 138, 262-72	1.9	18
80	Falsely undetectable TSH in a cohort of South Asian euthyroid patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 1171-9	5.6	16
79	Performance specifications of common chemistry analytes on the AU series of chemistry analyzers for miscellaneous body fluids. <i>Clinica Chimica Acta</i> , <b>2013</b> , 426, 121-6	6.2	15
78	Association Between Laboratory Calibration of a Serum Bilirubin Assay, Neonatal Bilirubin Levels, and Phototherapy Use. <i>JAMA Pediatrics</i> , <b>2016</b> , 170, 557-61	8.3	15
77	Common Hormone Therapies Used to Care for Transgender Patients Influence Laboratory Results. <i>Journal of applied laboratory medicine</i> , <b>2019</b> , 3, 799-814	2	15
76	Analytical sensitivity of four commonly used hCG point of care devices. <i>Clinical Biochemistry</i> , <b>2015</b> , 48, 448-52	3.5	11
75	Pathology consultation on human chorionic gonadotropin testing for pregnancy assessment. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 144, 830-6	1.9	10
74	Performance characteristics of the Beckman Coulter total BCG (5th IS) assay. <i>Clinica Chimica Acta</i> , <b>2015</b> , 439, 61-7	6.2	10
73	Human chorionic gonadotropin discriminatory zone in ectopic pregnancy: does assay harmonization matter?. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1671-4	4.8	10
72	Neonatal total bilirubin measurements: Still room for harmonization. <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 1113-5	3.5	10
71	Evaluation of the integrated E-Z split key ( ) cup II for rapid detection of twelve drug classes in urine. <i>Journal of Analytical Toxicology</i> , <b>2011</b> , 35, 46-53	2.9	10
70	The Vaginal Microbiome of Transgender Men. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 199-207	5.5	10
69	Decreasing median age of COVID-19 cases in the United States- Changing epidemiology or changing surveillance?. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240783	3.7	9
68	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> , <b>2017</b> , 55, 1675-1682	5.9	8
67	Therapeutic concentrations of hydroxocobalamin interferes with several spectrophotometric assays on the Beckman Coulter DxC and AU680 chemistry analyzers. <i>Clinica Chimica Acta</i> , <b>2015</b> , 450, 110-4	6.2	8

66	Clotting factors: Clinical biochemistry and their roles as plasma enzymes. <i>Advances in Clinical Chemistry</i> , <b>2020</b> , 94, 31-84	5.8	8
65	Misclassification of an apparent alpha 1-antitrypsin "Z" deficiency variant by melting analysis. <i>Clinica Chimica Acta</i> , <b>2011</b> , 412, 1454-6	6.2	8
64	Filling in the gaps with non-standard body fluids. <i>Practical Laboratory Medicine</i> , <b>2016</b> , 5, 24-31	1.7	8
63	Reproductive Endocrinology Reference Intervals for Transgender Women on Stable Hormone Therapy. <i>Journal of Applied Laboratory Medicine</i> , <b>2021</b> , 6, 15-26	2	8
62	Reproductive Endocrinology Reference Intervals for Transgender Men on Stable Hormone Therapy. <i>Journal of Applied Laboratory Medicine</i> , <b>2021</b> , 6, 41-50	2	8
61	Susceptibility of commonly used ferritin assays to the classic hook effect. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, e41-3	5.9	7
60	Identification of one or two $\beta$ globin gene deletions by isoelectric focusing electrophoresis. <i>American Journal of Clinical Pathology</i> , <b>2013</b> , 140, 301-5	1.9	7
59	Cannabis Legalization Does Not Influence Patient Compliance with Opioid Therapy. <i>American Journal of Medicine</i> , <b>2019</b> , 132, 347-353	2.4	7
58	Challenges in harmonizing integrated healthcare network laboratories: Multi-center evaluation of the AccuTnl+3 troponin assay. <i>Clinical Biochemistry</i> , <b>2015</b> , 48, 268-74	3.5	6
57	A roadmap to defining the clinical reportable ranges of chemistry analytes: Increasing automation efficiency and decreasing manual dilutions. <i>Clinica Chimica Acta</i> , <b>2015</b> , 451, 257-62	6.2	5
56	Development of an equation to correct for hemolysis in direct bilirubin measurements. <i>Clinica Chimica Acta</i> , <b>2014</b> , 429, 194-7	6.2	5
55	$\alpha$ -antitrypsin deficiency in fraternal twins born with familial spontaneous pneumothorax. <i>Chest</i> , <b>2012</b> , 141, 239-241	5.3	5
54	Method-to-method variability in urine albumin measurements. <i>Clinica Chimica Acta</i> , <b>2016</b> , 460, 114-9	6.2	5
53	Performance characteristics of the Beckman Coulter UniCel Dxl 800 TSH (3rd IS) assay. <i>Clinica Chimica Acta</i> , <b>2018</b> , 478, 90-100	6.2	4
52	Evidence-Based Validation of Hemolysis Index Thresholds by Use of Retrospective Clinical Data. <i>Journal of Applied Laboratory Medicine</i> , <b>2018</b> , 3, 109-114	2	4
51	Where Are the Preanalytical Stability Standards?. <i>Journal of Applied Laboratory Medicine</i> , <b>2018</b> , 2, 830-832	2	4
50	When To Retest: an Examination of Repeat COVID-19 PCR Patterns in an Ambulatory Population. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	3
49	Publication outcome of abstracts presented at the AACC annual meeting. <i>Clinica Chimica Acta</i> , <b>2016</b> , 456, 49-55	6.2	3

48	An unlikely pregnancy. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 1645-6	5.5	3
47	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> , <b>2020</b> , 66, 1146-1149	5.5	3
46	Interoperability: COVID-19 as an Impetus for Change. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 592-595	5.5	3
45	Pseudohypophosphatemia associated with high-dose liposomal amphotericin B therapy. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 967-971	3.5	2
44	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. <i>Clinica Chimica Acta</i> , <b>2015</b> , 440, 23-30	6.2	2
43	Reply to "Kidney transplantation and donation in the transgender population: A single-institution case series". <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 3693-3694	8.7	2
42	A Diagnostic Dilemma Involving Dabs in First-Episode Psychosis. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 2, 113-117	2	2
41	Transfusion support for transgender men of childbearing age. <i>Transfusion</i> , <b>2018</b> , 58, 823-825	2.9	2
40	Factors influencing naproxen metabolite interference in total bilirubin assays. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 514-517	3.5	2
39	AAT Phenotype Identification by Isoelectric Focusing. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1639, 33-44	1.4	2
38	Measuring and Interpreting Serum AAT Concentration. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1639, 21-32	1.4	2
37	The Lines That Held Us: Assessing Racial and Socioeconomic Disparities in SARS-CoV-2 Testing. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 1143-1154	2	2
36	An Abrupt Hepatitis B Seroconversion. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1414-5	5.5	2
35	Characterization of bilirubin interference in three commonly used digoxin assays. <i>Clinical Biochemistry</i> , <b>2019</b> , 63, 102-105	3.5	2
34	Sublingual Estradiol Is Associated with Higher Estrone Concentrations than Transdermal or Injectable Preparations in Transgender Women and Gender Nonbinary Adults. <i>LGBT Health</i> , <b>2021</b> , 8, 125-132	4.9	2
33	Prospective evaluation of dilution parameters optimized for 53 chemistry analytes measured using the AU instrument series. <i>Clinica Chimica Acta</i> , <b>2017</b> , 464, 202-203	6.2	1
32	Robustness of the Beckman Coulter Access TSH (3rd IS) assay. <i>Clinica Chimica Acta</i> , <b>2018</b> , 480, 112-113	6.2	1
31	Challenges in harmonizing integrated healthcare network laboratories: multi-center evaluation of the hCG5 assay. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 105-10	3.5	1

30	Fluctuating serum aspartate aminotransferase activity in a complicated pregnancy. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 1241-4	5.5	1
29	Swab-Free Transport as an Optimized Preanalytical Workflow for SARS-CoV-2 Amplification. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 606-613	2	1
28	Data-driven quality assurance to prevent erroneous test results. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2019</b> , 1-15	9.4	1
27	Selecting a SARS-CoV-2/COVID Molecular Testing Method for Your Laboratory. <i>journal of applied laboratory medicine, The</i> , <b>2020</b> , 5, 837-840	2	1
26	Side-Effects of COVID-19 on Patient Care: An INR Story. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 953-961	2	1
25	Real-Time PCR to Detect $\Delta$ Antitrypsin S and Z Alleles in Formalin-Fixed Paraffin-Embedded Tissue. <i>journal of applied laboratory medicine, The</i> , <b>2018</b> , 3, 18-25	2	1
24	Ovarian and Adrenal Venous Catheterization for Hyperandrogenism. <i>journal of applied laboratory medicine, The</i> , <b>2019</b> , 4, 439-445	2	0
23	Laboratory Utilization and Analytical Validation of Fecal Electrolyte Tests. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 1, 668-677	2	0
22	Interassay Comparison of the Tumor Markers CA125, CA15.3, and CA27.29. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 2, 17-24	2	0
21	A Retrospective Analysis of Creatinine-Based Kidney Function With and Without Sex Assigned at Birth Among Transgender Adults. <i>Annals of Pharmacotherapy</i> , <b>2021</b> , 10600280211050120	2.9	0
20	Evaluation of Patient Demographics in Clinical Cancer Genomic Testing. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 119-124	2	0
19	The effect of the Covid-19 shutdown on glycemic testing and control. <i>Clinica Chimica Acta</i> , <b>2021</b> , 519, 148-152	6.2	0
18	Floating. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 449-449	5.5	
17	Persistent Hypercalcemia Despite Multiple Exploratory Neck Surgeries. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 2, 107-112	2	
16	Biotin Measurement by Targeted LC-MS/MS: Method Development and Application to the Evaluation of Immunoassay Interference in Thyroid Function Tests. <i>American Journal of Clinical Pathology</i> , <b>2019</b> , 152, S4-S5	1.9	
15	The Reply. <i>American Journal of Medicine</i> , <b>2019</b> , 132, e717	2.4	
14	The missing band. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 1019-20	5.5	
13	Julia. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1425	5.5	

12	67: Susceptibility of Commonly Used Ferritin Assays to the Classic Hook Effect. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 143, A039-A039	1.9
11	40: Spectral Wavelength and pH: A Mechanism for Naproxen Metabolite Positive Interference in Total Bilirubin Assays. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 143, A021-A021	1.9
10	77: THC Use and Marijuana Legalization Do Not Influence Chronic Opioid Therapy Compliance. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 143, A046-A046	1.9
9	One Step Inside. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 1138-1138	5.5
8	Response. <i>Chest</i> , <b>2013</b> , 144, 1733-1734	5.3
7	The Journal of Applied Laboratory Medicine Special Issue on Health Disparities. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 1-2	2
6	False-Positive Total T3 Using the Ortho Vitros Immunoassay in Pediatric Populations. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 1, 751-753	2
5	Bad Tests Die Slowly: The Myelin Basic Protein Example. <i>journal of applied laboratory medicine, The</i> , <b>2020</b> , 5, 136-141	2
4	Persistently Elevated Human Chorionic Gonadotropin in a Menopausal Woman. <i>journal of applied laboratory medicine, The</i> , <b>2016</b> , 1, 315-318	2
3	Method-dependent Discrepancies in Fetal Hemoglobin Quantification in Patients With Hemoglobin S. <i>Journal of Pediatric Hematology/Oncology</i> , <b>2016</b> , 38, 402-5	1.2
2	Transgender endocrinology <b>2021</b> , 639-661	
1	Clinical Electrophoresis <b>2018</b> , 128-128	