

# Dustin R Bunch

## List of Publications by Year in descending order

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30  
papers

736  
citations

623734

14  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of abiraterone to D4A drives anti-tumour activity in prostate cancer. <i>Nature</i> , 2015, 523, 347-351.	27.8	221
2	Health Care and Precision Medicine Research: Analysis of a Scalable Data Science Platform. <i>Journal of Medical Internet Research</i> , 2019, 21, e13043.	4.3	68
3	Therapeutic drug monitoring of immunosuppressants by liquid chromatography–mass spectrometry. <i>Clinica Chimica Acta</i> , 2016, 454, 1-5.	1.1	55
4	A Novel HPLC Method for Quantification of 10 Antiepileptic Drugs or Metabolites in Serum/Plasma Using a Monolithic Column. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 102-106.	2.0	42
5	Development and validation of a liquid chromatography-tandem mass spectrometry assay for serum 25-hydroxyvitamin D2/D3 using a turbulent flow online extraction technology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 1565-72.	2.3	40
6	A simple and fast liquid chromatography–tandem mass spectrometry method for measurement of underivatized l-arginine, symmetric dimethylarginine, and asymmetric dimethylarginine and establishment of the reference ranges. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 771-779.	3.7	39
7	A fast and simple assay for busulfan in serum or plasma by liquid chromatography–tandem mass spectrometry using turbulent flow online extraction technology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3255-3258.	2.3	32
8	Variability of Late-Night Salivary Cortisol in Cushing Disease: A Prospective Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 983-990.	3.6	31
9	Applications of monolithic solid-phase extraction in chromatography-based clinical chemistry assays. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3021-3033.	3.7	29
10	Comparison of symmetric dimethylarginine with creatinine, cystatin C and their eGFR equations as markers of kidney function. <i>Clinical Biochemistry</i> , 2016, 49, 1140-1143.	1.9	29
11	Highly sensitive measurement of whole blood chromium by inductively coupled plasma mass spectrometry. <i>Clinical Biochemistry</i> , 2013, 46, 266-270.	1.9	27
12	Long-Term Intermittent Hypoxia Elevates Cobalt Levels in the Brain and Injures White Matter in Adult Mice. <i>Sleep</i> , 2013, 36, 1471-1481.	1.1	27
13	Fast, simple, and sensitive high-performance liquid chromatography method for measuring vitamins A and E in human blood plasma. <i>Journal of Separation Science</i> , 2014, 37, 2293-2299.	2.5	15
14	Investigation of transition ion ratio variation for liquid chromatography-tandem mass spectrometry: A case study approach. <i>Clinica Chimica Acta</i> , 2018, 486, 205-208.	1.1	14
15	Applications of monolithic columns in liquid chromatography–based clinical chemistry assays. <i>Journal of Separation Science</i> , 2011, 34, 2003-2012.	2.5	10
16	Is the Effect of Hemolysis on Plasma Ammonia Measurement Overrated?. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 471-472.	2.5	9
17	Do deuterium labeled internal standards correct for matrix effects in LC-MS/MS assays? A case study using plasma free metanephrine and normetanephrine. <i>Clinica Chimica Acta</i> , 2014, 429, 4-5.	1.1	8
18	Quantification of 1,25-Dihydroxyvitamin D2 and D3 in Serum Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2016, 1378, 291-300.	0.9	7

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19	Whole blood selenium determination by inductively coupled plasma mass spectrometry. <i>Clinical Biochemistry</i> , 2017, 50, 710-713.	1.9	6
20	First- and Second-Trimester Reference Intervals for Thyroid Function Testing in a US Population. <i>American Journal of Clinical Pathology</i> , 2021, 155, 776-780.	0.7	6
21	Practical Approach to Eliminate Bilirubin Interference in Icteric Samples for Creatinine Measurement. <i>Journal of Applied Laboratory Medicine</i> , 2019, 4, 477-479.	1.3	5
22	Measurement of mycophenolic acid in plasma or serum by a commercial enzyme inhibition technique in comparison with a high performance liquid chromatography method. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1281-4.	2.3	3
23	Does Paricalcitol (Zemplar®) interfere with 1,25-dihydroxyvitamin D measurement by liquid chromatography-tandem mass spectrometry assays?. <i>Clinica Chimica Acta</i> , 2013, 415, 230-232.	1.1	3
24	Erratic Serum Creatinine Concentrations in a Cardiac Patient. <i>Clinical Chemistry</i> , 2018, 64, 1543-1544.	3.2	3
25	Monitoring two transitions by LC-MS/MS may not be sufficient to positively identify benzoylecgonine in patient urine samples. <i>Clinica Chimica Acta</i> , 2016, 456, 67-68.	1.1	2
26	Emerging Biomarker of Kidney Disease: suPAR or Subpar?. <i>Clinical Chemistry</i> , 2018, 64, 1545-1547.	3.2	2
27	Urinary cannabinoid mass spectrometry profiles differentiate dronabinol from cannabis use. <i>Clinica Chimica Acta</i> , 2020, 510, 515-521.	1.1	2
28	The 2018 AACC/SYCL PhD Clinical Chemist Compensation Survey. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 377-387.	1.3	1
29	Quantitation of Benzodiazepines and Metabolites in Urine by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Applied Laboratory Medicine</i> , 2018, 3, 397-407.	1.3	0
30	Investigating Interference with Lamotrigine Quantification by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 609-611.	1.3	0