Thomas J S Durant

List of Publications by Year
in descending order

20 papers	320 citations	1163117 8 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	650 citing authors

#	Article	IF	Citations
1	Health Care and Precision Medicine Research: Analysis of a Scalable Data Science Platform. Journal of Medical Internet Research, 2019, 21, e13043.	4.3	68
2	Impact of COVID-19 Pandemic on Laboratory Utilization. journal of applied laboratory medicine, The, 2020, 5, 1194-1205.	1.3	36
3	Use of application containers and workflows for genomic data analysis. Journal of Pathology Informatics, 2016, 7, 53.	1.7	32
4	Clinical characteristics and outcomes for 7,995 patients with SARS-CoV-2 infection. PLoS ONE, 2021, 16, e0243291.	2.5	31
5	Very Deep Convolutional Neural Networks for Morphologic Classification of Erythrocytes. Clinical Chemistry, 2017, 63, 1847-1855.	3.2	28
6	Agile Health Care Analytics: Enabling Real-Time Disease Surveillance With a Computational Health Platform. Journal of Medical Internet Research, 2020, 22, e18707.	4.3	27
7	Artificial Intelligence and Mapping a New Direction in Laboratory Medicine: A Review. Clinical Chemistry, 2021, 67, 1466-1482.	3.2	24
8	Interoperability: COVID-19 as an Impetus for Change. Clinical Chemistry, 2021, 67, 592-595.	3.2	13
9	Validation and Regulation of Clinical Artificial Intelligence. Clinical Chemistry, 2019, 65, 1336-1337.	3.2	8
10	Applications of Digital Microscopy and Densely Connected Convolutional Neural Networks for Automated Quantification of Babesia-Infected Erythrocytes. Clinical Chemistry, 2021, 68, 218-229.	3.2	8
11	Optimization of Turnaround Time for Group A <i>Streptococcus</i> PCR. Journal of Clinical Microbiology, 2019, 57, .	3.9	7
12	Longitudinal Assessment of SARS-CoV-2 Antinucleocapsid and Antispike-1-RBD Antibody Testing Following PCR-Detected SARS-CoV-2 Infection. journal of applied laboratory medicine, The, 2021, 6, 1005-1011.	1.3	6
13	Bridging the Collaboration Gap: Real-time Identification of Clinical Specimens for Biomedical Research. Journal of Pathology Informatics, 2020, 11, 14.	1.7	4
14	Antimicrobial Stewardship Optimization in the Emergency Department: The Effect of Multiplex Respiratory Pathogen Testing and Targeted Educational Intervention. journal of applied laboratory medicine, The, 2020, 5, 1172-1183.	1.3	2
15	Evaluation of a Risk Stratification Model Using Preoperative and Intraoperative Data for Major Morbidity or Mortality After Cardiac Surgical Treatment. JAMA Network Open, 2020, 3, e2028361.	5.9	2
16	CO-Oximetry Interference in a Patient with Dyspnea Refractory to Oxygen Therapy. journal of applied laboratory medicine, The, 2021, 6, 1671-1676.	1.3	1
17	Translational Proteomics: Driving Biomarker Discovery in the Clinical Laboratory. Clinical Chemistry, 2019, 65, 817-818.	3.2	0
18	Impact of intra-tumoral heterogeneity detected by next-generation sequencing on acute myeloid leukemia survival. Leukemia and Lymphoma, 2020, 61, 3269-3271.	1.3	0

#	Article	IF	Citations
19	Impact of Molecular Clonality on Survival in Acute Myeloid Leukemia. Blood, 2015, 126, 1385-1385.	1.4	0
20	Quality Management to Improve CSF Gram Stain Turnaround Time. journal of applied laboratory medicine, The, 2022, , .	1.3	0