Chun Yee Lim

List of Publications by Year
in descending order

24 papers	423 citations	759233 12 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	553 citing authors

#	Article	IF	Citations
1	Letter to the Editor: On moving average and internal quality control. Clinical Biochemistry, 2022, 103, 32-34.	1.9	1
2	An Objective Approach to Deriving the Clinical Performance of Autoverification Limits. Annals of Laboratory Medicine, 2022, 42, 597-601.	2.5	1
3	Comparison of six regression-based lot-to-lot verification approaches. Clinical Chemistry and Laboratory Medicine, 2022, 60, 1175-1185.	2.3	6
4	Performance of four regression frameworks with varying precision profiles in simulated reference material commutability assessment. Clinical Chemistry and Laboratory Medicine, 2022, 60, 1164-1174.	2.3	1
5	Setting minimum clinical performance specifications for tests based on disease prevalence and minimum acceptable positive and negative predictive values: Practical considerations applied to COVID-19 testing. Clinical Biochemistry, 2021, 88, 18-22.	1.9	5
6	Precision Verification: Effect of Experiment Design on False Acceptance and False Rejection Rates. American Journal of Clinical Pathology, 2021, 156, 1058-1067.	0.7	1
7	Impact of combining data from multiple instruments on performance of patient-based real-time quality control. Biochemia Medica, 2021, 31, 276-282.	2.7	6
8	Internal quality control: Moving average algorithms outperform Westgard rules. Clinical Biochemistry, 2021, 98, 63-69.	1.9	11
9	Staff rostering, split team arrangement, social distancing (physical distancing) and use of personal protective equipment to minimize risk of workplace transmission during the COVID-19 pandemic: A simulation study. Clinical Biochemistry, 2020, 86, 15-22.	1.9	18
10	Patient-based quality control for glucometers using the moving sum of positive patient results and moving average. Biochemia Medica, 2020, 30, 296-306.	2.7	5
11	Effect of microchannel junction angle on two-phase liquid-gas Taylor flow. Chemical Engineering Science, 2019, 202, 417-428.	3.8	34
12	Magnetic nanochain integrated microfluidic biochips. Nature Communications, 2018, 9, 1743.	12.8	94
13	Electroosmotic Flow in Microchannel with Black Silicon Nanostructures. Micromachines, 2018, 9, 229.	2.9	16
14	Effect of nanostructures orientation on electroosmotic flow in a microfluidic channel. Nanotechnology, 2017, 28, 255303.	2.6	12
15	pH Change in Electroosmotic Flow Hysteresis. Analytical Chemistry, 2017, 89, 9394-9399.	6.5	12
16	Ionic Origin of Electro-osmotic Flow Hysteresis. Scientific Reports, 2016, 6, 22329.	3.3	13
17	Electroosmotic Flow Hysteresis for Dissimilar Anionic Solutions. Analytical Chemistry, 2016, 88, 8064-8073.	6.5	15
18	Electroosmotic flow hysteresis for dissimilar ionic solutions. Biomicrofluidics, 2015, 9, 024113.	2.4	14

#	Article	IF	Citations
19	An investigation into a micro-sized droplet impinging on a surface with sharp wettability contrast. Journal Physics D: Applied Physics, 2014, 47, 425305.	2.8	15
20	Phase-field simulation of impingement and spreading of micro-sized droplet on heterogeneous surface. Microfluidics and Nanofluidics, 2014, 17, 131-148.	2.2	39
21	Simulation of impingement and spreading of micro-droplet on non-homogeneous solid surface. , 2013, , .		0
22	Direction dependence of displacement time for two-fluid electroosmotic flow. Biomicrofluidics, 2012, 6, 12816-1281617.	2.4	11
23	Analysis on micro-mixing enhancement through a constriction under time periodic electroosmotic flow. Microfluidics and Nanofluidics, 2012, 12, 127-141.	2.2	20
24	Mixing enhancement in microfluidic channel with a constriction under periodic electro-osmotic flow. Biomicrofluidics, 2010, 4, 014101.	2.4	73