

# Cheuk W Kan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10815158/publications.pdf>

Version: 2024-02-01

12  
papers

2,683  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

4195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-molecule enzyme-linked immunosorbent assay detects serum proteins at subfemtomolar concentrations. <i>Nature Biotechnology</i> , 2010, 28, 595-599.	17.5	1,557
2	The Simoa HD-1 Analyzer: A Novel Fully Automated Digital Immunoassay Analyzer with Single-Molecule Sensitivity and Multiplexing. <i>Journal of the Association for Laboratory Automation</i> , 2016, 21, 533-547.	2.8	307
3	Simultaneous Detection of Single Molecules and Singulated Ensembles of Molecules Enables Immunoassays with Broad Dynamic Range. <i>Analytical Chemistry</i> , 2011, 83, 2279-2285.	6.5	216
4	Hypoxia Due to Cardiac Arrest Induces a Time-Dependent Increase in Serum Amyloid $\beta^2$ Levels in Humans. <i>PLoS ONE</i> , 2011, 6, e28263.	2.5	149
5	Multiplexed single molecule immunoassays. <i>Lab on A Chip</i> , 2013, 13, 2902.	6.0	131
6	Isolation and detection of single molecules on paramagnetic beads using sequential fluid flows in microfabricated polymer array assemblies. <i>Lab on A Chip</i> , 2012, 12, 977-985.	6.0	103
7	A fully-automated, six-plex single molecule immunoassay for measuring cytokines in blood. <i>Journal of Immunological Methods</i> , 2015, 424, 20-27.	1.4	83
8	Single molecule measurements of tumor necrosis factor $\beta$ and interleukin-6 in the plasma of patients with Crohn's disease. <i>Journal of Immunological Methods</i> , 2011, 372, 177-186.	1.4	46
9	Digital enzyme-linked immunosorbent assays with sub-attomolar detection limits based on low numbers of capture beads combined with high efficiency bead analysis. <i>Lab on A Chip</i> , 2020, 20, 2122-2135.	6.0	45
10	Simple diffusion-constrained immunoassay for p24 protein with the sensitivity of nucleic acid amplification for detecting acute HIV infection. <i>Journal of Virological Methods</i> , 2013, 188, 153-160.	2.1	41
11	The optics inside an automated single molecule array analyzer. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
12	Ultrasensitive multiplexed chemiluminescent enzyme-linked immunosorbent assays in 384-well plates. <i>Journal of Immunological Methods</i> , 2022, 508, 113311.	1.4	1