

# Jay W Warrick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4694559/publications.pdf>

Version: 2024-02-01

24  
papers

671  
citations

777949

13  
h-index

685536

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical validation and initial clinical testing of quantitative microscopic evaluation for PD-L1 and HLA I expression on circulating tumor cells from patients with non-small cell lung cancer. <i>Biomarker Research</i> , 2022, 10, 26.	2.8	1
2	Timelapse viability assay to detect division and death of primary multiple myeloma cells in response to drug treatments with single cell resolution. <i>Integrative Biology (United Kingdom)</i> , 2022, 14, 49-61.	0.6	1
3	Social motility of biofilm-like microcolonies in a gliding bacterium. <i>Nature Communications</i> , 2021, 12, 5700.	5.8	16
4	IL-1 $\beta$ Nuclear Export Enables 4-1BB-Induced cRel Activation and IL-2 Production to Promote CD8 T Cell Immunity. <i>Journal of Immunology</i> , 2020, 205, 1540-1553.	0.4	7
5	Pairing Microwell Arrays with an Affordable, Semiautomated Single-Cell Aspirator for the Interrogation of Circulating Tumor Cell Heterogeneity. <i>SLAS Technology</i> , 2020, 25, 162-176.	1.0	10
6	Under oil open-channel microfluidics empowered by exclusive liquid repellency. <i>Science Advances</i> , 2020, 6, eaay9919.	4.7	34
7	Bone Marrow Stromal Cells Transcriptionally Repress ESR1 but Cannot Overcome Constitutive ESR1 Mutant Activity. <i>Endocrinology</i> , 2019, 160, 2427-2440.	1.4	4
8	User-defined morphogen patterning for directing human cell fate stratification. <i>Scientific Reports</i> , 2019, 9, 6433.	1.6	10
9	Razor-printed sticker microdevices for cell-based applications. <i>Lab on A Chip</i> , 2018, 18, 451-462.	3.1	30
10	Open multi-culture platform for simple and flexible study of multi-cell type interactions. <i>Lab on A Chip</i> , 2018, 18, 3184-3195.	3.1	12
11	Integrating electrochemical immunosensing and cell adhesion technologies for cancer cell detection and enumeration. <i>Electrochimica Acta</i> , 2018, 286, 205-211.	2.6	9
12	Mammary fibroblasts reduce apoptosis and speed estrogen-induced hyperplasia in an organotypic MCF7-derived duct model. <i>Scientific Reports</i> , 2018, 8, 7139.	1.6	35
13	Differential Disruption of Nucleocytoplasmic Trafficking Pathways by Rhinovirus 2A Proteases. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
14	Microfluidic-integrated patterned ITO immunosensor for rapid detection of prostate-specific membrane antigen biomarker in prostate cancer. <i>Biosensors and Bioelectronics</i> , 2017, 95, 160-167.	5.3	30
15	Tools for Single-Cell Kinetic Analysis of Virus-Host Interactions. <i>PLoS ONE</i> , 2016, 11, e0145081.	1.1	35
16	High Specificity in Circulating Tumor Cell Identification Is Required for Accurate Evaluation of Programmed Death-Ligand 1. <i>PLoS ONE</i> , 2016, 11, e0159397.	1.1	54
17	High-content adhesion assay to address limited cell samples. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 720.	0.6	13
18	A Microfluidic Cell Concentrator. <i>Analytical Chemistry</i> , 2010, 82, 8320-8326.	3.2	31

#	ARTICLE	IF	CITATIONS
19	A Cell Programmable Assay (CPA) chip. Lab on A Chip, 2010, 10, 2071.	3.1	8
20	Cellular observations enabled by microculture: paracrine signaling and population demographics. Integrative Biology (United Kingdom), 2009, 1, 267.	0.6	71
21	Managing evaporation for more robust microscale assays : Part 1. Volume loss in high throughput assays. Lab on A Chip, 2008, 8, 852.	3.1	105
22	Managing evaporation for more robust microscale assays : Part 2. Characterization of convection and diffusion for cell biology. Lab on A Chip, 2008, 8, 860.	3.1	43
23	Screening the Cellular Microenvironment: A Role for Microfluidics. IEEE Reviews in Biomedical Engineering, 2008, 1, 75-93.	13.1	30
24	High-throughput microfluidics: improved sample treatment and washing over standard wells. Lab on A Chip, 2007, 7, 316.	3.1	52