

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

687363

13
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing evaporation for more robust microscale assays : Part 1. Volume loss in high throughput assays. Lab on A Chip, 2008, 8, 852.	6.0	105
2	Cellular observations enabled by microculture: paracrine signaling and population demographics. Integrative Biology (United Kingdom), 2009, 1, 267.	1.3	71
3	High Specificity in Circulating Tumor Cell Identification Is Required for Accurate Evaluation of Programmed Death-Ligand 1. PLoS ONE, 2016, 11, e0159397.	2.5	54
4	High-throughput microfluidics: improved sample treatment and washing over standard wells. Lab on A Chip, 2007, 7, 316.	6.0	52
5	Managing evaporation for more robust microscale assays : Part 2. Characterization of convection and diffusion for cell biology. Lab on A Chip, 2008, 8, 860.	6.0	43
6	Mammary fibroblasts reduce apoptosis and speed estrogen-induced hyperplasia in an organotypic MCF7-derived duct model. Scientific Reports, 2018, 8, 7139.	3.3	35
7	Tools for Single-Cell Kinetic Analysis of Virus-Host Interactions. PLoS ONE, 2016, 11, e0145081.	2.5	35
8	Under oil open-channel microfluidics empowered by exclusive liquid repellency. Science Advances, 2020, 6, eaay9919.	10.3	34
9	A Microfluidic Cell Concentrator. Analytical Chemistry, 2010, 82, 8320-8326.	6.5	31
10	Screening the Cellular Microenvironment: A Role for Microfluidics. IEEE Reviews in Biomedical Engineering, 2008, 1, 75-93.	18.0	30
11	Differential Disruption of Nucleocytoplasmic Trafficking Pathways by Rhinovirus 2A Proteases. Journal of Virology, 2017, 91, .	3.4	30
12	Microfluidic-integrated patterned ITO immunosensor for rapid detection of prostate-specific membrane antigen biomarker in prostate cancer. Biosensors and Bioelectronics, 2017, 95, 160-167.	10.1	30
13	Razor-printed sticker microdevices for cell-based applications. Lab on A Chip, 2018, 18, 451-462.	6.0	30
14	Social motility of biofilm-like microcolonies in a gliding bacterium. Nature Communications, 2021, 12, 5700.	12.8	16
15	High-content adhesion assay to address limited cell samples. Integrative Biology (United Kingdom), 2013, 5, 720.	1.3	13
16	Open multi-culture platform for simple and flexible study of multi-cell type interactions. Lab on A Chip, 2018, 18, 3184-3195.	6.0	12
17	User-defined morphogen patterning for directing human cell fate stratification. Scientific Reports, 2019, 9, 6433.	3.3	10
18	Pairing Microwell Arrays with an Affordable, Semiautomated Single-Cell Aspirator for the Interrogation of Circulating Tumor Cell Heterogeneity. SLAS Technology, 2020, 25, 162-176.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Integrating electrochemical immunosensing and cell adhesion technologies for cancer cell detection and enumeration. <i>Electrochimica Acta</i> , 2018, 286, 205-211.	5.2	9
20	A Cell Programmable Assay (CPA) chip. <i>Lab on A Chip</i> , 2010, 10, 2071.	6.0	8
21	Î± 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.	0.8	7
22	Bone Marrow Stromal Cells Transcriptionally Repress ESR1 but Cannot Overcome Constitutive ESR1 Mutant Activity. <i>Endocrinology</i> , 2019, 160, 2427-2440.	2.8	4
23	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.	6.8	1
24	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.	1.3	1