

Juhee Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6276179/publications.pdf>

Version: 2024-02-01

32
papers

1,590
citations

361045

20
h-index

395343

33
g-index

35
all docs

35
docs citations

35
times ranked

2545
citing authors

#	ARTICLE	IF	CITATIONS
1	Exodisc for Rapid, Size-Selective, and Efficient Isolation and Analysis of Nanoscale Extracellular Vesicles from Biological Samples. <i>ACS Nano</i> , 2017, 11, 1360-1370.	7.3	247
2	Fully Integrated Lab-on-a-Disc for Nucleic Acid Analysis of Food-Borne Pathogens. <i>Analytical Chemistry</i> , 2014, 86, 3841-3848.	3.2	204
3	All-in-One Centrifugal Microfluidic Device for Size-Selective Circulating Tumor Cell Isolation with High Purity. <i>Analytical Chemistry</i> , 2014, 86, 11349-11356.	3.2	104
4	FAST: Size-Selective, Clog-Free Isolation of Rare Cancer Cells from Whole Blood at a Liquid-Liquid Interface. <i>Analytical Chemistry</i> , 2017, 89, 1155-1162.	3.2	99
5	A fidget spinner for the point-of-care diagnosis of urinary tract infection. <i>Nature Biomedical Engineering</i> , 2020, 4, 591-600.	11.6	87
6	CUT-PCR: CRISPR-mediated, ultrasensitive detection of target DNA using PCR. <i>Oncogene</i> , 2017, 36, 6823-6829.	2.6	84
7	Fully Automated, Label-Free Isolation of Extracellular Vesicles from Whole Blood for Cancer Diagnosis and Monitoring. <i>Theranostics</i> , 2019, 9, 1851-1863.	4.6	74
8	Three-Dimensional Human Liver-Chip Emulating Premetastatic Niche Formation by Breast Cancer-Derived Extracellular Vesicles. <i>ACS Nano</i> , 2020, 14, 14971-14988.	7.3	63
9	Circulating tumor cells detected by lab-on-a-disc: Role in early diagnosis of gastric cancer. <i>PLoS ONE</i> , 2017, 12, e0180251.	1.1	63
10	TC1 (C8orf4) Enhances the Wnt/ β -Catenin Pathway by Relieving Antagonistic Activity of Chibby. <i>Cancer Research</i> , 2006, 66, 723-728.	0.4	56
11	Urine-based liquid biopsy: non-invasive and sensitive AR-V7 detection in urinary EVs from patients with prostate cancer. <i>Lab on A Chip</i> , 2019, 19, 87-97.	3.1	56
12	Fully automated, on-site isolation of cfDNA from whole blood for cancer therapy monitoring. <i>Lab on A Chip</i> , 2018, 18, 1320-1329.	3.1	48
13	TC1(C8orf4) Correlates with Wnt/ β -Catenin Target Genes and Aggressive Biological Behavior in Gastric Cancer. <i>Clinical Cancer Research</i> , 2006, 12, 3541-3548.	3.2	44
14	Cloaked Exosomes: Biocompatible, Durable, and Degradable Encapsulation. <i>Small</i> , 2018, 14, e1802052.	5.2	41
15	A lab-on-a-disc with reversible and thermally stable diaphragm valves. <i>Lab on A Chip</i> , 2016, 16, 3741-3749.	3.1	38
16	Human breast cancer-derived soluble factors facilitate CCL19-induced chemotaxis of human dendritic cells. <i>Scientific Reports</i> , 2016, 6, 30207.	1.6	33
17	A microfluidic chip for screening individual cancer cells via eavesdropping on autophagy-inducing crosstalk in the stroma niche. <i>Scientific Reports</i> , 2017, 7, 2050.	1.6	27
18	Three dimensional multicellular co-cultures and anti-cancer drug assays in rapid prototyped multilevel microfluidic devices. <i>Biomedical Microdevices</i> , 2013, 15, 627-634.	1.4	26

#	ARTICLE	IF	CITATIONS
19	Human Platelet Membrane Functionalized Microchips with Plasmonic Codes for Cancer Detection. <i>Advanced Functional Materials</i> , 2019, 29, 1902669.	7.8	25
20	TC1(C8orf4) is upregulated by IL-1 β /TNF- α and enhances proliferation of human follicular dendritic cells. <i>FEBS Letters</i> , 2006, 580, 3519-3524.	1.3	22
21	Fully automated platelet isolation on a centrifugal microfluidic device for molecular diagnostics. <i>Lab on A Chip</i> , 2020, 20, 949-957.	3.1	22
22	Detection of EGFR Mutations Using Bronchial Washing-Derived Extracellular Vesicles in Patients with Non-Small-Cell Lung Carcinoma. <i>Cancers</i> , 2020, 12, 2822.	1.7	19
23	A lab-on-a-disc platform enables serial monitoring of individual CTCs associated with tumor progression during EGFR-targeted therapy for patients with NSCLC. <i>Theranostics</i> , 2020, 10, 5181-5194.	4.6	17
24	Opening of Mitochondrial ATP-Sensitive Potassium Channels Evokes Oxygen Radical Generation in Rabbit Heart Slices. <i>Journal of Biochemistry</i> , 2002, 131, 721-727.	0.9	16
25	RhoA and Rac1 play independent roles in lysophosphatidic acid-induced ovarian cancer chemotaxis. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 267-276.	0.6	15
26	Immature dendritic cells navigate microscopic mazes to find tumor cells. <i>Lab on A Chip</i> , 2019, 19, 1665-1675.	3.1	14
27	TC1 (C8orf4) is upregulated by cellular stress and mediates heat shock response. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 447-452.	1.0	13
28	SEEDING to Enable Sensitive Electrochemical Detection of Biomarkers in Undiluted Biological Samples. <i>Advanced Materials</i> , 2022, 34, e2200981.	11.1	13
29	Dehydrated aqueous two-phase system micro-domains retain their shape upon rehydration to allow patterned reagent delivery to cells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6020.	2.9	8
30	Clinical significance of circulating tumor cells after chemotherapy in unresectable pancreatic ductal adenocarcinoma. <i>Translational Oncology</i> , 2022, 16, 101321.	1.7	5
31	Glycolipid-Anchored Proteins on Bioengineered Extracellular Vesicles for Lipopolysaccharide Neutralization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29313-29324.	4.0	3
32	Nanobiointerfaces: Human Platelet Membrane Functionalized Microchips with Plasmonic Codes for Cancer Detection (<i>Adv. Funct. Mater.</i> 30/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970205.	7.8	2