

# Jina Ko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4761109/publications.pdf>

Version: 2024-02-01

19  
papers

1,447  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2534  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 diagnostics in context. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	305
2	Combining Machine Learning and Nanofluidic Technology To Diagnose Pancreatic Cancer Using Exosomes. <i>ACS Nano</i> , 2017, 11, 11182-11193.	14.6	196
3	Detection and isolation of circulating exosomes and microvesicles for cancer monitoring and diagnostics using micro-/nano-based devices. <i>Analyst</i> , The, 2016, 141, 450-460.	3.5	175
4	Machine learning to detect signatures of disease in liquid biopsies – a user's guide. <i>Lab on A Chip</i> , 2018, 18, 395-405.	6.0	106
5	Proteomic and biological profiling of extracellular vesicles from Alzheimer's disease human brain tissues. <i>Alzheimer's and Dementia</i> , 2020, 16, 896-907.	0.8	105
6	A Multianalyte Panel Consisting of Extracellular Vesicle miRNAs and mRNAs, cfDNA, and CA19-9 Shows Utility for Diagnosis and Staging of Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 3248-3258.	7.0	64
7	Smartphone-enabled optofluidic exosome diagnostic for concussion recovery. <i>Scientific Reports</i> , 2016, 6, 31215.	3.3	64
8	miRNA Profiling of Magnetic Nanopore-Isolated Extracellular Vesicles for the Diagnosis of Pancreatic Cancer. <i>Cancer Research</i> , 2018, 78, 3688-3697.	0.9	63
9	Sequencing-Based Protein Analysis of Single Extracellular Vesicles. <i>ACS Nano</i> , 2021, 15, 5631-5638.	14.6	61
10	Diagnosis of traumatic brain injury using miRNA signatures in nanomagnetically isolated brain-derived extracellular vesicles. <i>Lab on A Chip</i> , 2018, 18, 3617-3630.	6.0	53
11	Single Extracellular Vesicle Protein Analysis Using Immuno-Droplet Digital Polymerase Chain Reaction Amplification. <i>Advanced Biology</i> , 2020, 4, e1900307.	3.0	52
12	Multi-Dimensional Mapping of Brain-Derived Extracellular Vesicle MicroRNA Biomarker for Traumatic Brain Injury Diagnostics. <i>Journal of Neurotrauma</i> , 2020, 37, 2424-2434.	3.4	50
13	Spatiotemporal multiplexed immunofluorescence imaging of living cells and tissues with bioorthogonal cycling of fluorescent probes. <i>Nature Biotechnology</i> , 2022, 40, 1654-1662.	17.5	42
14	A magnetic micropore chip for rapid (<1 hour) unbiased circulating tumor cell isolation and in situ RNA analysis. <i>Lab on A Chip</i> , 2017, 17, 3086-3096.	6.0	38
15	Ultrafast Cycling for Multiplexed Cellular Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6839-6846.	13.8	33
16	Advancing microfluidic diagnostic chips into clinical use: a review of current challenges and opportunities. <i>Lab on A Chip</i> , 2022, 22, 3110-3121.	6.0	14
17	In Vivo Click Chemistry Enables Multiplexed Intravital Microscopy. <i>Advanced Science</i> , 2022, 9, .	11.2	14
18	Ultrafast Cycling for Multiplexed Cellular Fluorescence Imaging. <i>Angewandte Chemie</i> , 2020, 132, 6906-6913.	2.0	7

#	ARTICLE	IF	CITATIONS
19	Magnetic Nickel iron Electroformed Trap (MagNET): a master/replica fabrication strategy for ultra-high throughput (>100 mL h <sup>-1</sup> ) immunomagnetic sorting. Lab on A Chip, 2016, 16, 3049-3057.	6.0	5