

Yi-Qiu Xia

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

608
citations

11
h-index

20
g-index

20
ext. papers

820
ext. citations

10.7
avg, IF

3.9
L-index

#	Paper	IF	Citations
18	Rapid magnetic isolation of extracellular vesicles via lipid-based nanoprobe. <i>Nature Biomedical Engineering</i> , 2017 , 1,	19	127
17	Aptamer-Conjugated Extracellular Nanovesicles for Targeted Drug Delivery. <i>Cancer Research</i> , 2018 , 78, 798-808	10.1	106
16	A Spontaneous 3D Bone-On-a-Chip for Bone Metastasis Study of Breast Cancer Cells. <i>Small</i> , 2018 , 14, e1702787	11	91
15	Size-based separation methods of circulating tumor cells. <i>Advanced Drug Delivery Reviews</i> , 2018 , 125, 3-20	18.5	91
14	A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection. <i>Small</i> , 2017 , 13, 1700425	11	48
13	Smartphone-Based Point-of-Care Microfluidic Platform Fabricated with a ZnO Nanorod Template for Colorimetric Virus Detection. <i>ACS Sensors</i> , 2019 , 4, 3298-3307	9.2	42
12	Preoccupation of Empty Carriers Decreases Endo-/Lysosome Escape and Reduces the Protein Delivery Efficiency of Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5340-5347	9.5	22
11	Label-Free Virus Capture and Release by a Microfluidic Device Integrated with Porous Silicon Nanowire Forest. <i>Small</i> , 2017 , 13, 1603135	11	18
10	Enrichment of extracellular vesicles with lipid nanoprobe functionalized nanostructured silica. <i>Lab on A Chip</i> , 2019 , 19, 2346-2355	7.2	17
9	Point-of-care microdevices for blood plasma analysis in viral infectious diseases. <i>Annals of Biomedical Engineering</i> , 2014 , 42, 2333-43	4.7	12
8	Conferring receptors on recipient cells with extracellular vesicles for targeted drug delivery. <i>Bioactive Materials</i> , 2021 , 6, 749-756	16.7	12
7	Nucleus of Circulating Tumor Cell Determines Its Translocation Through Biomimetic Microconstrictions and Its Physical Enrichment by Microfiltration. <i>Small</i> , 2018 , 14, e1802899	11	10
6	Engineered extracellular vesicles for concurrent Anti-PDL1 immunotherapy and chemotherapy. <i>Bioactive Materials</i> , 2022 , 9, 251-265	16.7	4
5	A microfluidic device of biodegradable porous silicon nanowires for size based capturing and releasing viruses 2015 ,		3
4	Chopper-modulated gas chromatography electroantennography enabled using high-temperature MEMS flow control device. <i>Microsystems and Nanoengineering</i> , 2017 , 3, 17062	7.7	2
3	The roles of small extracellular vesicles in lung cancer: Molecular pathology, mechanisms, diagnostics, and therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021 , 1876, 188539	11.2	2
2	Pathogen Detection: A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection (Small 24/2017). <i>Small</i> , 2017 , 13,	11	1

- 1 Application of microscopy technologies for nanomaterial characterization and biological quantification. *Microscopy and Microanalysis*, **2018**, 24, 1270-1271 0.5