Dongping Qi

List of Publications by Year in descending order

22 papers	605 citations	840776 11 h-index	940533 16 g-index
22 all docs	22 docs citations	22 times ranked	830 citing authors

#	Article	IF	Citations
1	Circulating Tumor Cellâ€“Based Messenger RNA Scoring System for Prognostication of Hepatocellular Carcinoma: Translating Tissueâ€Based Messenger RNA Profiling Into a Noninvasive Setting. Liver Transplantation, 2022, 28, 200-214.	2.4	8
2	Covalent Chemistryâ€Mediated Multimarker Purification of Circulating Tumor Cells Enables Noninvasive Detection of Molecular Signatures of Hepatocellular Carcinoma. Advanced Materials Technologies, 2021, 6, 2001056.	5.8	4
3	Circulating trophoblast cell clusters for early detection of placenta accreta spectrum disorders. Nature Communications, 2021, 12, 4408.	12.8	23
4	Sarcomaâ€Derived Extracellular Vesicles: Coupling Nanostructured Microchips with Covalent Chemistry Enables Purification of Sarcomaâ€Derived Extracellular Vesicles for Downstream Functional Studies (Adv. Funct. Mater. 49/2020). Advanced Functional Materials, 2020, 30, 2070322.	14.9	0
5	Purification of HCC-specific extracellular vesicles on nanosubstrates for early HCC detection by digital scoring. Nature Communications, 2020, 11, 4489.	12.8	134
6	Coupling Nanostructured Microchips with Covalent Chemistry Enables Purification of Sarcomaâ€Derived Extracellular Vesicles for Downstream Functional Studies. Advanced Functional Materials, 2020, 30, 2003237.	14.9	20
7	A scalable filtration method for high throughput screening based on cell deformability. Lab on A Chip, 2019, 19, 343-357.	6.0	24
8	Bio-Inspired NanoVilli Chips for Enhanced Capture of Tumor-Derived Extracellular Vesicles: Toward Non-Invasive Detection of Gene Alterations in Non-Small Cell Lung Cancer. ACS Applied Materials & Interfaces, 2019, 11, 13973-13983.	8.0	55
9	High-Throughput Cell Deformability Screening to Identify Novel Anti-Cancer Compounds. Biophysical Journal, 2018, 114, 326a.	0.5	0
10	Screening cell mechanotype by parallel microfiltration. Scientific Reports, 2015, 5, 17595.	3.3	51
11	Abstract 226: Parallel microfiltration (PMF): A novel method to screen cell mechanotype. , 2015, , .		1
12	Molecular weight dependence of near surface dynamical mechanical properties of polymers. Soft Matter, 2013, 9, 8958.	2.7	24
13	High Throughput Screening Methodology to Probe Cell Deformability. Biophysical Journal, 2012, 102, 716a.	0.5	0
14	Probing single cells using flow in microfluidic devices. European Physical Journal: Special Topics, 2012, 204, 85-101.	2.6	20
15	Measuring surface and bulk relaxation in glassy polymers. European Physical Journal E, 2011, 34, 56.	1.6	71
16	Using Nanoparticle Embedding to Probe Surface Rheology and the Length Scale of Surface Mobility in Glassy Polymers. Macromolecules, 2009, 42, 6851-6854.	4.8	62
17	Substrate and Chain Size Dependence of Near Surface Dynamics of Glassy Polymers. Physical Review Letters, 2008, 101, 096101.	7.8	91
18	The specular component of light scattering and the characterization of the height distribution for random surfaces. Science in China Series G: Physics, Mechanics and Astronomy, 2003, 46, 518.	0.2	0

#	Article	IF	Citations
19	Extraction of height probability density of random rough surfaces from the central Î´-peak of angle-resolved light scattering using the optical inversion algorithm. Applied Physics Letters, 2002, 81, 2124-2126.	3.3	4
20	Flake structure in the speckle field produced by a few scatterers. Chinese Physics B, 2000, 9, 353-358.	1.3	2
21	Light Scattering Microscopy of Surface and Its Computational Simulation. Chinese Physics Letters, 1999, 16, 397-399.	3.3	5
22	A protocol for screening cells based on deformability using parallel microfiltration. Protocol Exchange, 0, , .	0.3	6