Yuan Wan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2499780/publications.pdf

Version: 2024-02-01

43 papers	2,492 citations	279487 23 h-index	301761 39 g-index
44 all docs	44 docs citations	44 times ranked	3943 citing authors

#	Article	IF	Citations
1	Self-Assembly of Extracellular Vesicle-like Metalâ€“Organic Framework Nanoparticles for Protection and Intracellular Delivery of Biofunctional Proteins. Journal of the American Chemical Society, 2018, 140, 7282-7291.	6.6	277
2	Nucleic acid aptamers in cancer research, diagnosis and therapy. Chemical Society Reviews, 2015, 44, 1240-1256.	18.7	217
3	Rapid magnetic isolation of extracellular vesicles via lipid-based nanoprobes. Nature Biomedical Engineering, 2017, 1, .	11.6	188
4	Aptamer-Conjugated Extracellular Nanovesicles for Targeted Drug Delivery. Cancer Research, 2018, 78, 798-808.	0.4	181
5	Size-based separation methods of circulating tumor cells. Advanced Drug Delivery Reviews, 2018, 125, 3-20.	6.6	163
6	A Spontaneous 3D Boneâ€Onâ€aâ€Chip for Bone Metastasis Study of Breast Cancer Cells. Small, 2018, 14, e1702787.	5.2	138
7	Nanostructured substrates for isolation of circulating tumor cells. Nano Today, 2013, 8, 374-387.	6.2	136
8	Mitochondria-Targeting Polydopamine Nanoparticles To Deliver Doxorubicin for Overcoming Drug Resistance. ACS Applied Materials & Interfaces, 2017, 9, 16793-16802.	4.0	135
9	Surface-Immobilized Aptamers for Cancer Cell Isolation and Microscopic Cytology. Cancer Research, 2010, 70, 9371-9380.	0.4	128
10	Capture, isolation and release of cancer cells with aptamer-functionalized glass bead array. Lab on A Chip, 2012, 12, 4693.	3.1	108
11	Nanotextured substrates with immobilized aptamers for cancer cell isolation and cytology. Cancer, 2012, 118, 1145-1154.	2.0	97
12	Velocity Effect on Aptamer-Based Circulating Tumor Cell Isolation in Microfluidic Devices. Journal of Physical Chemistry B, 2011, 115, 13891-13896.	1.2	82
13	Effects of nanopillar array diameter and spacing on cancer cell capture and cell behaviors. Nanoscale, 2014, 6, 12482-12489.	2.8	76
14	Small extracellular vesicles in cancer. Bioactive Materials, 2021, 6, 3705-3743.	8.6	61
15	Preparation of Engineered Extracellular Vesicles Derived from Human Umbilical Cord Mesenchymal Stem Cells with Ultrasonication for Skin Rejuvenation. ACS Omega, 2019, 4, 22638-22645.	1.6	46
16	Cell detachment: Post-isolation challenges. Biotechnology Advances, 2013, 31, 1664-1675.	6.0	42
17	Synthesis of novel galactose functionalized gold nanoparticles and its radiosensitizing mechanism. Journal of Nanobiotechnology, 2015, 13, 67.	4.2	37
18	Labelâ€Free Virus Capture and Release by a Microfluidic Device Integrated with Porous Silicon Nanowire Forest. Small, 2017, 13, 1603135.	5.2	30

#	Article	IF	Citations
19	Comparison of Antifungal Prophylaxis Drugs in Patients With Hematological Disease or Undergoing Hematopoietic Stem Cell Transplantation. JAMA Network Open, 2020, 3, e2017652.	2.8	30
20	Engineered extracellular vesicles for concurrent Anti-PDL1 immunotherapy and chemotherapy. Bioactive Materials, 2022, 9, 251-265.	8.6	30
21	Preoccupation of Empty Carriers Decreases Endo-/Lysosome Escape and Reduces the Protein Delivery Efficiency of Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 5340-5347.	4.0	29
22	Enrichment of extracellular vesicles with lipid nanoprobe functionalized nanostructured silica. Lab on A Chip, 2019, 19, 2346-2355.	3.1	29
23	Cell-derived nanovesicles prepared by membrane extrusion are good substitutes for natural extracellular vesicles. , 2022, 1, 100004.		29
24	Circulating Exosomal miR-96 as a Novel Biomarker for Radioresistant Non-Small-Cell Lung Cancer. Journal of Oncology, 2021, 2021, 1-11.	0.6	27
25	Conferring receptors on recipient cells with extracellular vesicles for targeted drug delivery. Bioactive Materials, 2021, 6, 749-756.	8.6	22
26	Isolation and Retrieval of Extracellular Vesicles for Liquid Biopsy of Malignant Ground-Glass Opacity. Analytical Chemistry, 2019, 91, 13729-13736.	3.2	21
27	CT-guided versus laparoscopic radiofrequency ablation in recurrent small hepatocellular carcinoma against the diaphragmatic dome. Scientific Reports, 2017, 7, 44583.	1.6	17
28	Self-Assembly of Smart Multifunctional Hybrid Compartments with Programmable Bioactivity. Chemistry of Materials, 2017, 29, 2081-2089.	3.2	16
29	Nucleus of Circulating Tumor Cell Determines Its Translocation Through Biomimetic Microconstrictions and Its Physical Enrichment by Microfiltration. Small, 2018, 14, e1802899.	5.2	15
30	The roles of small extracellular vesicles in lung cancer: Molecular pathology, mechanisms, diagnostics, and therapeutics. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188539.	3.3	14
31	Isolation of extracellular vesicles with multivalent aptamers. Analyst, The, 2021, 146, 253-261.	1.7	13
32	Combined Methylome and Transcriptome Analyses Reveals Potential Therapeutic Targets for EGFR Wild Type Lung Cancers with Low PD-L1 Expression. Cancers, 2020, 12, 2496.	1.7	11
33	Factors influencing the measurement of the secretion rate of extracellular vesicles. Analyst, The, 2020, 145, 5870-5877.	1.7	10
34	AGR2-Dependent Nuclear Import of RNA Polymerase II Constitutes a Specific Target of Pancreatic Ductal Adenocarcinoma in the Context of Wild-Type p53. Gastroenterology, 2021, 161, 1601-1614.e23.	0.6	10
35	Coupled immune stratification and identification of therapeutic candidates in patients with lung adenocarcinoma. Aging, 2020, 12, 16514-16538.	1.4	10
36	Proteomic Analysis of Extracellular Vesicles Derived from MDA-MB-231 Cells in Microgravity. Protein Journal, 2021, 40, 108-118.	0.7	7

#	Article	IF	Citations
37	Enhanced radiation effect on SMCC7721 cells through endoplasmic reticulum stress induced by C225-GNPs inÃ¯Â¿Â½vitro and inÃ¯Â¿Â½vivo. Oncology Letters, 2018, 15, 4221-4228.	0.8	5
38	Enhanced detection of tumour-secreted vesicles. Nature Biomedical Engineering, 2019, 3, 421-422.	11.6	2
39	Affinity-Based Enrichment of Extracellular Vesicles with Lipid Nanoprobes. Methods in Molecular Biology, 2022, 2394, 185-197.	0.4	2
40	Integrated mPDâ€L1 and metabolic analysis identifies new prognostic subgroups in lung cancers with wildâ€type EGFR. Clinical and Translational Medicine, 2021, 11, e612.	1.7	1
41	Virus Capture: Labelâ€Free Virus Capture and Release by a Microfluidic Device Integrated with Porous Silicon Nanowire Forest (Small 6/2017). Small, 2017, 13, .	5.2	0
42	Enrichment of Extracellular Vesicles Via Lipid Nanoprobe-Functionalized Nanostructured Silica Microdevice. , 2019, , .		0
43	Statins Lower Lipid Synthesis But Promote Secretion of Cholesterol-Enriched Extracellular Vesicles and Particles. Frontiers in Oncology, 2022, 12, .	1.3	0