Sarah Owen

List of Publications by Year
in descending order

21 papers	5,364 citations	471509 17 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	7537 citing authors

#	Article	IF	Citations
1	Synergistic Analysis of Circulating Tumor Cells Reveals Prognostic Signatures in Pilot Study of Treatment-NaÃ¯ve Metastatic Pancreatic Cancer Patients. Biomedicines, 2022, 10, 146.	3.2	3
2	Circulating tumor cells in precision medicine: challenges and opportunities. Trends in Pharmacological Sciences, 2022, 43, 378-391.	8.7	47
3	Molecular biomarkers and liquid biopsies in lung cancer. Seminars in Oncology, 2022, 49, 275-284.	2.2	2
4	Integrated Workflow for the Label-Free Isolation and Genomic Analysis of Single Circulating Tumor Cells in Pancreatic Cancer. International Journal of Molecular Sciences, 2022, 23, 7852.	4.1	2
5	Onâ€Chip Biogenesis of Circulating NK Cellâ€Derived Exosomes in Nonâ€Small Cell Lung Cancer Exhibits Antitumoral Activity. Advanced Science, 2021, 8, 2003747.	11.2	50
6	High-Throughput Label-Free Isolation of Heterogeneous Circulating Tumor Cells and CTC Clusters from Non-Small-Cell Lung Cancer Patients. Cancers, 2020, 12, 127.	3.7	60
7	Extracellular vesicles on demand (EVOD) chip for screening and quantification of cancer-associated extracellular vesicles. Biosensors and Bioelectronics, 2020, 168, 112535.	10.1	32
8	Simultaneous Single Cell Gene Expression and EGFR Mutation Analysis of Circulating Tumor Cells Reveals Distinct Phenotypes in NSCLC. Advanced Biology, 2020, 4, e2000110.	3.0	12
9	Tumour-reprogrammed stromal BCAT1 fuels branched-chain ketoacid dependency in stromal-rich PDAC tumours. Nature Metabolism, 2020, 2, 775-792.	11.9	110
10	Microfluidic device for high-throughput affinity-based isolation of extracellular vesicles. Lab on A Chip, 2020, 20, 1762-1770.	6.0	57
11	Expansion of Circulating Tumor Cells from Patients with Locally Advanced Pancreatic Cancer Enable Patient Derived Xenografts and Functional Studies for Personalized Medicine. Cancers, 2020, 12, 1011.	3.7	29
12	Isolation and Profiling of Circulating Tumorâ€Associated Exosomes Using Extracellular Vesicular Lipidâ€“Protein Binding Affinity Based Microfluidic Device. Small, 2019, 15, e1903600.	10.0	106
13	Detection of CTC Clusters and a Dedifferentiated RNAâ€Expression Survival Signature in Prostate Cancer. Advanced Science, 2019, 6, 1801254.	11.2	30
14	High-Throughput Microfluidic Labyrinth for the Label-free Isolation of Circulating Tumor Cells. Cell Systems, 2017, 5, 295-304.e4.	6.2	88
15	Tunable Thermalâ€Sensitive Polymerâ€“Graphene Oxide Composite for Efficient Capture and Release of Viable Circulating Tumor Cells. Advanced Materials, 2016, 28, 4891-4897.	21.0	130
16	Affinity Versus Labelâ€Free Isolation of Circulating Tumor Cells: Who Wins?. Small, 2016, 12, 4450-4463.	10.0	90
17	Opportunities and Challenges for Pancreatic Circulating TumorÂCells. Gastroenterology, 2016, 151, 412-426.	1.3	60
18	Expansion of CTCs from early stage lung cancer patients using a microfluidic co-culture model. Oncotarget, 2014, 5, 12383-12397.	1.8	175

#	Article	IF	Citations
19	Microfluidic device (ExoChip) for on-chip isolation, quantification and characterization of circulating exosomes. Lab on A Chip, 2014, 14, 1891-1900.	6.0	522
20	Sensitive capture of circulating tumour cells by functionalized graphene oxide nanosheets. Nature Nanotechnology, 2013, 8, 735-741.	31.5	487
21	Isolation of rare circulating tumour cells in cancer patients by microchip technology. Nature, 2007, 450, 1235-1239.	27.8	3,272