

# Tumour heterogeneity and resistance to cancer therapy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Drug discovery targeting the mTOR pathway. <i>Clinical Science</i> , 2018, 132, 543-568.	1.8	65
2	Tumor Heterogeneity in Colorectal Cancer: What Do We Know So Far?. <i>Pathobiology</i> , 2018, 85, 72-84.	1.9	110
3	The use of single-cell RNA-Seq to understand virus-host interactions. <i>Current Opinion in Virology</i> , 2018, 29, 39-50.	2.6	46
4	Intratumoral heterogeneity of Notch1 expression in small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2018, 10, 1272-1275.	0.6	3
5	RollFISH achieves robust quantification of single-molecule RNA biomarkers in paraffin-embedded tumor tissue samples. <i>Communications Biology</i> , 2018, 1, 209.	2.0	26
6	Rational Design of Nanoparticles with Deep Tumor Penetration for Effective Treatment of Tumor Metastasis. <i>Advanced Functional Materials</i> , 2018, 28, 1801840.	7.8	112
7	Endogenous DNA Double-Strand Breaks during DNA Transactions: Emerging Insights and Methods for Genome-Wide Profiling. <i>Genes</i> , 2018, 9, 632.	1.0	43
8	Immunotherapeutic Approaches to Target Cancer Stem Cell: Progress and Challenges. <i>Journal of Cancer Science &amp; Therapy</i> , 2018, 10, .	1.7	0
9	Minimizing the potential of cancer recurrence and metastasis by the use of graphene oxide nano-flakes released from smart fiducials during image-guided radiation therapy. <i>Physica Medica</i> , 2018, 55, 8-14.	0.4	10
10	Radiomics and liquid biopsy in oncology: the holons of systems medicine. <i>Insights Into Imaging</i> , 2018, 9, 915-924.	1.6	47
11	Global Stabilization of Boolean Networks to Control the Heterogeneity of Cellular Responses. <i>Frontiers in Physiology</i> , 2018, 9, 774.	1.3	8
12	Single Cell Genomics. , 2018, , 1-18.		0
13	Subclonal evolution of pulmonary adenocarcinomas delineated by spatially distributed somatic mitochondrial mutations. <i>Lung Cancer</i> , 2018, 126, 80-88.	0.9	16
14	Molecular tumor heterogeneity in muscle invasive bladder cancer: Biomarkers, subtypes, and implications for therapy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 287-294.	0.8	28
15	The Combination of Omega-3 Stearidonic Acid and Docetaxel Enhances Cell Death over Docetaxel Alone in Human Prostate Cancer Cells. <i>Journal of Cancer</i> , 2018, 9, 4536-4546.	1.2	15
16	Inhibition of glioblastoma cell proliferation, invasion, and mechanism of action of a novel hydroxamic acid hybrid molecule. <i>Cell Death Discovery</i> , 2018, 4, 41.	2.0	30
17	Retinoblastoma Intrinsically Regulates Niche Cell Quiescence, Identity, and Niche Number in the Adult <i>Drosophila</i> Testis. <i>Cell Reports</i> , 2018, 24, 3466-3476.e8.	2.9	20
18	Towards quantitative and multiplexed in vivo functional cancer genomics. <i>Nature Reviews Genetics</i> , 2018, 19, 741-755.	7.7	45

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19	Therapy-induced enrichment of cancer stem-like cells in solid human tumors: Where do we stand?. <i>Pharmacological Research</i> , 2018, 137, 193-204.	3.1	55
20	Clonal evolution in long-term follow-up patients with hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2862-2870.	2.3	18
21	Viral tumor antigen expression is no longer required in radiation-resistant subpopulation of JCV induced mouse medulloblastoma cells. <i>Genes and Cancer</i> , 2018, 9, 130-141.	0.6	3
22	Cancer stem cells-emanated therapy resistance: Implications for liposomal drug delivery systems. <i>Journal of Controlled Release</i> , 2018, 288, 62-83.	4.8	101
23	Plasticity of Type I Interferon-Mediated Responses in Cancer Therapy: From Anti-tumor Immunity to Resistance. <i>Frontiers in Oncology</i> , 2018, 8, 322.	1.3	137
24	Model for breast cancer diversity and spatial heterogeneity. <i>Physical Review E</i> , 2018, 98, .	0.8	5
25	Aberrant Regulation of mRNA m6A Modification in Cancer Development. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2515.	1.8	48
26	Identification of a sodium pump Na <sup>+</sup> /K <sup>+</sup> ATPase $\alpha$ 1-targeted peptide for PET imaging of breast cancer. <i>Journal of Controlled Release</i> , 2018, 281, 178-188.	4.8	23
27	T Lymphocyte-Based Cancer Immunotherapeutics. <i>International Review of Cell and Molecular Biology</i> , 2018, 341, 201-276.	1.6	22
28	Two decades of research in discovery of anticancer drugs targeting STAT3, how close are we?. , 2018, 191, 74-91.		105
29	Health economic impact of liquid biopsies in cancer management. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2018, 18, 593-599.	0.7	31
30	Epithelial-to-mesenchymal transition in cancer: complexity and opportunities. <i>Frontiers of Medicine</i> , 2018, 12, 361-373.	1.5	467
31	Overview of precision oncology trials: challenges and opportunities. <i>Expert Review of Clinical Pharmacology</i> , 2018, 11, 797-804.	1.3	31
32	Chemotherapeutic resistance: a nano-mechanical point of view. <i>Biological Chemistry</i> , 2018, 399, 1433-1446.	1.2	18
33	Current understanding of reovirus oncolysis mechanisms. <i>Oncolytic Virotherapy</i> , 2018, Volume 7, 53-63.	6.0	53
34	PanDrugs: a novel method to prioritize anticancer drug treatments according to individual genomic data. <i>Genome Medicine</i> , 2018, 10, 41.	3.6	63
35	Fully-automated systems and the need for global approaches should exhort clinical labs to reinvent routine MS analysis?. <i>Bioanalysis</i> , 2018, 10, 1129-1141.	0.6	4
36	Genetic and epigenetic alterations of colorectal cancer. <i>Intestinal Research</i> , 2018, 16, 327.	1.0	100

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37	The next generation of PI3K-Akt-mTOR pathway inhibitors in breast cancer cohorts. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 185-197.	3.3	40
38	Mimicking Human Pathophysiology in Organ-on-a-Chip Devices. <i>Advanced Biology</i> , 2018, 2, 1800109.	3.0	48
39	Making the first move in EGFR-driven or ALK-driven NSCLC: first-generation or next-generation TKI?. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 694-708.	12.5	255
40	Targeted Tumor Therapy Remixed—An Update on the Use of Small-Molecule Drugs in Combination Therapies. <i>Cancers</i> , 2018, 10, 155.	1.7	42
41	Molecular imaging and molecular diagnostics: two sides of the same coin?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1645-1648.	3.3	6
42	Applications of CRISPR-Cas Enzymes in Cancer Therapeutics and Detection. <i>Trends in Cancer</i> , 2018, 4, 499-512.	3.8	89
43	Supramolecular Modular Approach toward Conveniently Constructing and Multifunctioning a pH/Redox Dual-Responsive Drug Delivery Nanoplatfrom for Improved Cancer Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26473-26484.	4.0	34
44	Targeting tumor phenotypic plasticity and metabolic remodeling in adaptive cross-drug tolerance. <i>Science Signaling</i> , 2019, 12, .	1.6	52
45	Molecular Alterations and Heterogeneity in Hepatocellular Carcinoma. <i>Molecular and Translational Medicine</i> , 2019, , 293-316.	0.4	4
46	EMT and Stemness—Key Players in Pancreatic Cancer Stem Cells. <i>Cancers</i> , 2019, 11, 1136.	1.7	88
47	MEK1/2 Inhibitors Unlock the Constrained Interferon Response in Macrophages Through IRF1 Signaling. <i>Frontiers in Immunology</i> , 2019, 10, 2020.	2.2	11
48	The Promise of Digital Biopsy for the Prediction of Tumor Molecular Features and Clinical Outcomes Associated With Immunotherapy. <i>Frontiers in Medicine</i> , 2019, 6, 172.	1.2	36
49	Single-Cell Analysis of Multiple Steps of Dynamic NF- $\kappa$ B Regulation in Interleukin-1 $\beta$ -Triggered Tumor Cells Using Proximity Ligation Assays. <i>Cancers</i> , 2019, 11, 1199.	1.7	8
50	Puzzling mRNA: Alternative splicing fine-tunes specificity and function. <i>Biomedical Journal</i> , 2019, 42, 137-140.	1.4	0
51	Increased glucocorticoid receptor activity and proliferation in metastatic colon cancer. <i>Scientific Reports</i> , 2019, 9, 11257.	1.6	30
53	A PD-L1-Based Cancer Vaccine Elicits Antitumor Immunity in a Mouse Melanoma Model. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 222-232.	2.0	11
54	Stochastic modeling of phenotypic switching and chemoresistance in cancer cell populations. <i>Scientific Reports</i> , 2019, 9, 10845.	1.6	18
55	Single-Cell Intravital Microscopy of Trastuzumab Quantifies Heterogeneous in vivo Kinetics. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 528-539.	1.1	16

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56	2-Amino-2,3-dihydro-1 <i>H</i> -indene-5-carboxamide-Based Discoidin Domain Receptor 1 (DDR1) Inhibitors: Design, Synthesis, and in Vivo Antipancreatic Cancer Efficacy. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7431-7444.	2.9	43
57	Can PD-L1 expression evaluated by biopsy sample accurately reflect its expression in the whole tumour in gastric cancer?. <i>British Journal of Cancer</i> , 2019, 121, 278-280.	2.9	22
58	Acquired EGFR L718V Mutation as the Mechanism for Osimertinib Resistance in a T790M-Negative Non-Small-Cell Lung Cancer Patient. <i>Targeted Oncology</i> , 2019, 14, 369-374.	1.7	12
59	SET Domain-Containing Protein 4 Epigenetically Controls Breast Cancer Stem Cell Quiescence. <i>Cancer Research</i> , 2019, 79, 4729-4743.	0.4	41
60	Aerosolization of Nanotherapeutics as a Newly Emerging Treatment Regimen for Peritoneal Carcinomatosis. <i>Cancers</i> , 2019, 11, 906.	1.7	18
61	An Integrated Microfluidics Approach for Personalized Cancer Drug Sensitivity and Resistance Assay. <i>Advanced Biology</i> , 2019, 3, 1900001.	3.0	6
62	The Detection and Morphological Analysis of Circulating Tumor and Host Cells in Breast Cancer Xenograft Models. <i>Cells</i> , 2019, 8, 683.	1.8	21
63	Toward Personalized Cancer Treatment: From Diagnostics to Therapy Monitoring in Miniaturized Electrohydrodynamic Systems. <i>Accounts of Chemical Research</i> , 2019, 52, 2113-2123.	7.6	32
64	Genomics-Guided Immunotherapy for Precision Medicine in Cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 487-497.	0.7	20
65	Synergistic Inhibition of Kinase Pathways Overcomes Resistance of Colorectal Cancer Spheroids to Cyclic Targeted Therapies. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 275-284.	2.5	9
66	Bioinspired lipoproteins-mediated photothermia remodels tumor stroma to improve cancer cell accessibility of second nanoparticles. <i>Nature Communications</i> , 2019, 10, 3322.	5.8	91
67	Liquid biopsy in pancreatic ductal adenocarcinoma: current status of circulating tumor cells and circulating tumor <i>scp</i> >DNA</scp>. <i>Molecular Oncology</i> , 2019, 13, 1623-1650.	2.1	64
68	Evolving neoantigen profiles in colorectal cancers with DNA repair defects. <i>Genome Medicine</i> , 2019, 11, 42.	3.6	42
69	Aptamers as the chaperones (Aptachaperones) of drugs-from siRNAs to DNA nanorobots. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118483.	2.6	9
70	Intratumoral fate of functional nanoparticles in response to microenvironment factor: Implications on cancer diagnosis and therapy. <i>Advanced Drug Delivery Reviews</i> , 2019, 143, 37-67.	6.6	79
71	TNFAIP2 expression induces epithelial-to-mesenchymal transition and confers platinum resistance in urothelial cancer cells. <i>Laboratory Investigation</i> , 2019, 99, 1702-1713.	1.7	17
72	Evolution of cancer cell populations under cytotoxic therapy and treatment optimisation: insight from a phenotype-structured model. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2019, 53, 1157-1190.	0.8	31
73	The contribution of MYC and PLK1 expression to proliferative capacity in diffuse large B-cell lymphoma. <i>Leukemia and Lymphoma</i> , 2019, 60, 3214-3224.	0.6	2

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74	Reovirus: Friend and Foe. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 132-138.	1.8	5
75	Stromal-targeting radioimmunotherapy mitigates the progression of therapy-resistant tumors. <i>Journal of Controlled Release</i> , 2019, 314, 1-11.	4.8	22
76	Bringing Oncohistones into the Fold. <i>Cancer Discovery</i> , 2019, 9, 1346-1348.	7.7	2
77	data- and model-driven approach for cancer treatment. <i>Onkologie</i> , 2019, 25, 132-137.	0.7	3
78	The evaluation of Cannabidiol's effect on the immunotherapy of Burkitt lymphoma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 225-230.	1.0	7
79	Targeting cancer stem cells in squamous cell carcinoma. <i>Precision Clinical Medicine</i> , 2019, 2, 152-165.	1.3	67
80	Clinical Practice Use of Liquid Biopsy to Identify RAS/BRAF Mutations in Patients with Metastatic Colorectal Cancer (mCRC): A Single Institution Experience. <i>Cancers</i> , 2019, 11, 1504.	1.7	36
81	PET/CT in radiation oncology. <i>Seminars in Oncology</i> , 2019, 46, 202-209.	0.8	60
82	The Mutational Landscape of Pancreatic and Liver Cancers, as Represented by Circulating Tumor DNA. <i>Frontiers in Oncology</i> , 2019, 9, 952.	1.3	6
83	Biological variables and their potential impact on biomarkers and precision medicine initiative. , 2019, , 171-194.		0
84	Single cell analysis to dissect molecular heterogeneity and disease evolution in metastatic melanoma. <i>Cell Death and Disease</i> , 2019, 10, 827.	2.7	35
85	Molecular harvesting with electroporation for tissue profiling. <i>Scientific Reports</i> , 2019, 9, 15750.	1.6	9
86	CancerTracer: a curated database for inpatient tumor heterogeneity. <i>Nucleic Acids Research</i> , 2019, 48, D797-D806.	6.5	9
87	Assessing reliability of intra-tumor heterogeneity estimates from single sample whole exome sequencing data. <i>PLoS ONE</i> , 2019, 14, e0224143.	1.1	16
88	CD9 identifies pancreatic cancer stem cells and modulates glutamine metabolism to fuel tumour growth. <i>Nature Cell Biology</i> , 2019, 21, 1425-1435.	4.6	94
89	Personalized Drug Efficacy Monitoring Chip. <i>Analytical Chemistry</i> , 2019, 91, 14927-14935.	3.2	16
90	Genome landscapes of rectal cancer before and after preoperative chemoradiotherapy. <i>Theranostics</i> , 2019, 9, 6856-6866.	4.6	27
91	Tumor acidity activated triphenylphosphonium-based mitochondrial targeting nanocarriers for overcoming drug resistance of cancer therapy. <i>Theranostics</i> , 2019, 9, 7033-7050.	4.6	38

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92	Molecular Mechanisms Underlying Autophagy-Mediated Treatment Resistance in Cancer. <i>Cancers</i> , 2019, 11, 1775.	1.7	62
93	The Role of Nrf2 signaling in cancer stem cells: From stemness and self-renewal to tumorigenesis and chemoresistance. <i>Life Sciences</i> , 2019, 239, 116986.	2.0	68
94	Inferring subgroup-specific driver genes from heterogeneous cancer samples via subspace learning with subgroup indication. <i>Bioinformatics</i> , 2020, 36, 1855-1863.	1.8	53
95	DNA Methylation Cancer Biomarkers: Translation to the Clinic. <i>Frontiers in Genetics</i> , 2019, 10, 1150.	1.1	301
96	The Metabolic Profile of Tumor and Virally Infected Cells Shapes Their Microenvironment Counteracting T Cell Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 2309.	2.2	19
97	Unravelling tumour heterogeneity by single-cell profiling of circulating tumour cells. <i>Nature Reviews Cancer</i> , 2019, 19, 553-567.	12.8	393
98	Cooperative adaptation to therapy (CAT) confers resistance in heterogeneous non-small cell lung cancer. <i>PLoS Computational Biology</i> , 2019, 15, e1007278.	1.5	23
100	The cytotoxic effect and glucose uptake modulation of <i>Baeckea frutescens</i> on breast cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 220.	3.7	8
101	Cell death-related molecules and biomarkers for renal cell carcinoma targeted therapy. <i>Cancer Cell International</i> , 2019, 19, 221.	1.8	25
102	Addressing Patient Specificity in the Engineering of Tumor Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 217.	2.0	53
103	Exploring Tumor Heterogeneity Using PET Imaging: The Big Picture. <i>Cancers</i> , 2019, 11, 1282.	1.7	43
104	Stressâ€“glucocorticoidâ€“TSC22D3 axis compromises therapy-induced antitumor immunity. <i>Nature Medicine</i> , 2019, 25, 1428-1441.	15.2	185
105	Innovative approaches for cancer treatment: current perspectives and new challenges. <i>Ecancermedicalscience</i> , 2019, 13, 961.	0.6	450
106	Bio-orthogonal Click Chemistry for In Vivo Bioimaging. <i>Trends in Chemistry</i> , 2019, 1, 763-778.	4.4	81
107	Modeling cell signaling in heterogeneous cancer environments. <i>Current Opinion in Systems Biology</i> , 2019, 17, 15-23.	1.3	1
108	Modeling genetic heterogeneity of drug response and resistance in cancer. <i>Current Opinion in Systems Biology</i> , 2019, 17, 8-14.	1.3	3
109	Spatial and Temporal Heterogeneity of Panel-Based Tumor Mutational Burden in Pulmonary Adenocarcinoma: Separating Biology From Technical Artifacts. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1935-1947.	0.5	69
110	In Silico Drug Prescription for Targeting Cancer Patient Heterogeneity and Prediction of Clinical Outcome. <i>Cancers</i> , 2019, 11, 1361.	1.7	6

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111	Cytogenetics and Cytogenomics Evaluation in Cancer. International Journal of Molecular Sciences, 2019, 20, 4711.	1.8	14
112	Epigenetic Mechanisms of Escape from BRAF Oncogene Dependency. Cancers, 2019, 11, 1480.	1.7	31
113	Optimizing the sequencing of tyrosine kinase inhibitors (TKIs) in epidermal growth factor receptor (EGFR) mutation-positive non-small cell lung cancer (NSCLC). Lung Cancer, 2019, 137, 113-122.	0.9	154
114	VISOR: a versatile haplotype-aware structural variant simulator for short- and long-read sequencing. Bioinformatics, 2020, 36, 1267-1269.	1.8	29
115	Tumorsphere Derivation and Treatment from Primary Tumor Cells Isolated from Mouse Rhabdomyosarcomas. Journal of Visualized Experiments, 2019, , .	0.2	2
116	Micro/nanomachines: what is needed for them to become a real force in cancer therapy?. Nanoscale, 2019, 11, 6519-6532.	2.8	46
117	Recent advances in single-cell analysis by mass spectrometry. Analyst, The, 2019, 144, 824-845.	1.7	91
118	Microfluidic device for circulating tumor cell quantification and capture. AIP Conference Proceedings, 2019, , .	0.3	0
119	Principles of Resistance to Targeted Cancer Therapy: Lessons from Basic and Translational Cancer Biology. Trends in Molecular Medicine, 2019, 25, 185-197.	3.5	118
120	Brown Seaweed Egregia menziesii's Cytotoxic Activity against Brain Cancer Cell Lines. Molecules, 2019, 24, 260.	1.7	18
121	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. Genes, 2019, 10, 52.	1.0	74
122	New mass spectrometry technologies contributing towards comprehensive and high throughput omics analyses of single cells. Analyst, The, 2019, 144, 794-807.	1.7	67
123	A continuous-flow acoustofluidic cytometer for single-cell mechanotyping. Lab on A Chip, 2019, 19, 387-393.	3.1	27
124	The Novel Oncolytic Compound LTX-401 Induces Antitumor Immune Responses in Experimental Hepatocellular Carcinoma. Molecular Therapy - Oncolytics, 2019, 14, 139-148.	2.0	17
125	Integrated multiomic analysis reveals comprehensive tumour heterogeneity and novel immunophenotypic classification in hepatocellular carcinomas. Gut, 2019, 68, 2019-2031.	6.1	230
126	Diverse Stakeholders of Tumor Metabolism: An Appraisal of the Emerging Approach of Multifaceted Metabolic Targeting by 3-Bromopyruvate. Frontiers in Pharmacology, 2019, 10, 728.	1.6	11
127	A Novel Gene Underlies Bleomycin-Response Variation in <i>Caenorhabditis elegans</i> . Genetics, 2019, 212, 1453-1468.	1.2	43
128	Prognostic value and association with epithelial-mesenchymal transition and molecular subtypes of the proteoglycan biglycan in advanced bladder cancer. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 530.e9-530.e18.	0.8	29



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129	Pyruvate Kinase M2: a Metabolic Bug in Re-Wiring the Tumor Microenvironment. <i>Cancer Microenvironment</i> , 2019, 12, 149-167.	3.1	21
130	Metadherin: A Therapeutic Target in Multiple Cancers. <i>Frontiers in Oncology</i> , 2019, 9, 349.	1.3	55
131	Phenotypic characterization of the novel, non-hotspot oncogenic KRAS mutants E31D and E63K. <i>Oncology Letters</i> , 2019, 18, 420-432.	0.8	7
132	Erythrocyte Membrane-Camouflaged IR780 and DTX Coloading Polymeric Nanoparticles for Imaging-Guided Cancer Photo-Chemo Combination Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 3208-3220.	2.3	48
133	High-throughput single-cell ChIP-seq identifies heterogeneity of chromatin states in breast cancer. <i>Nature Genetics</i> , 2019, 51, 1060-1066.	9.4	335
134	The Role of Ubiquitination in Regulating Embryonic Stem Cell Maintenance and Cancer Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2667.	1.8	13
135	Nuclear Medicine Theranostics: Between Atoms and Patients. , 2019, , 1-9.		3
136	Crosstalk between the lncRNA UCA1 and microRNAs in cancer. <i>FEBS Letters</i> , 2019, 593, 1901-1914.	1.3	33
137	AKR1C1 controls cisplatin-resistance in head and neck squamous cell carcinoma through cross-talk with the STAT1/3 signaling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 245.	3.5	47
138	Interactive Extreme-Scale Analytics: Towards Battling Cancer. <i>IEEE Technology and Society Magazine</i> , 2019, 38, 54-61.	0.6	3
139	Theranostics in Interventional Oncology: Versatile Carriers for Diagnosis and Targeted Image-Guided Minimally Invasive Procedures. <i>Frontiers in Pharmacology</i> , 2019, 10, 450.	1.6	26
140	Patient-Specific Tumor Growth Trajectories Determine Persistent and Resistant Cancer Cell Populations during Treatment with Targeted Therapies. <i>Cancer Research</i> , 2019, 79, 3776-3788.	0.4	32
141	Salmonella-Based Targeted Cancer Therapy: Updates on A Promising and Innovative Tumor Immunotherapeutic Strategy. <i>Biomedicines</i> , 2019, 7, 36.	1.4	26
142	Perturbational Gene-Expression Signatures for Combinatorial Drug Discovery. <i>iScience</i> , 2019, 15, 291-306.	1.9	27
143	A Career in Lung Cancer: Pushing Beyond Chemotherapy. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2019, 39, 583-589.	1.8	4
144	Natural products as multidrug resistance modulators in cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 268-291.	2.6	225
145	Commonly integrated epigenetic modifications of differentially expressed genes lead to adaptive resistance in cancer. <i>Epigenomics</i> , 2019, 11, 732-737.	1.0	11
146	Modelling bistable tumour population dynamics to design effective treatment strategies. <i>Journal of Theoretical Biology</i> , 2019, 474, 88-102.	0.8	19

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147	How many samples are needed to infer truly clonal mutations from heterogenous tumours?. <i>BMC Cancer</i> , 2019, 19, 403.	1.1	21
148	Finding driver mutations in cancer: Elucidating the role of background mutational processes. <i>PLoS Computational Biology</i> , 2019, 15, e1006981.	1.5	61
149	Profiling protein-protein interactions of single cancer cells with in situ lysis and co-immunoprecipitation. <i>Lab on A Chip</i> , 2019, 19, 1922-1928.	3.1	14
150	Gain-of-Function Mutations: An Emerging Advantage for Cancer Biology. <i>Trends in Biochemical Sciences</i> , 2019, 44, 659-674.	3.7	38
151	Pinostrobin inhibits proliferation and induces apoptosis in cancer stem-like cells through a reactive oxygen species-dependent mechanism. <i>RSC Advances</i> , 2019, 9, 12097-12109.	1.7	20
152	Pin1 inhibition potently suppresses gastric cancer growth and blocks PI3K/AKT and Wnt/ $\beta$ -catenin oncogenic pathways. <i>Molecular Carcinogenesis</i> , 2019, 58, 1450-1464.	1.3	24
153	The Impact of Heterogeneity on Single-Cell Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 8.	1.1	84
154	Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 937.	1.8	8
155	Correlation between methylation of the caveolin-1 gene and of caveolin-1 messenger ribonucleic acid, and protein levels and human epidermal growth factor receptor-2 protein expression in adenocarcinomas of the esophagogastric junction. <i>Precision Radiation Oncology</i> , 2019, 3, 8-14.	0.4	0
156	Nanoparticle-Based Nanomedicines to Promote Cancer Immunotherapy: Recent Advances and Future Directions. <i>Small</i> , 2019, 15, e1900262.	5.2	100
157	Dietary phytochemicals with anti-oxidant and pro-oxidant activities: A double-edged sword in relation to adjuvant chemotherapy and radiotherapy?. <i>Cancer Letters</i> , 2019, 452, 168-177.	3.2	61
158	Advances in understanding the mechanisms of evasive and innate resistance to mTOR inhibition in cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1322-1337.	1.9	20
159	Conversion of Stem Cells to Cancer Stem Cells: Undercurrent of Cancer Initiation. <i>Cancers</i> , 2019, 11, 345.	1.7	136
160	Micellar Formulation of Talazoparib and Buparlisib for Enhanced DNA Damage in Breast Cancer Chemoradiotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 12342-12356.	4.0	17
161	Towards Self-Transfecting Nucleic Acid Nanostructures for Gene Regulation. <i>Trends in Biotechnology</i> , 2019, 37, 983-994.	4.9	15
162	Polytherapy and Targeted Cancer Drug Resistance. <i>Trends in Cancer</i> , 2019, 5, 170-182.	3.8	183
163	Targeting chromatin complexes in fusion protein-driven malignancies. <i>Nature Reviews Cancer</i> , 2019, 19, 255-269.	12.8	55
164	Cell-state dynamics and therapeutic resistance in melanoma from the perspective of MITF and IFN $\gamma$ pathways. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 549-562.	12.5	72

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165	Synthesis of Benzophenones and in vitro Evaluation of Their Anticancer Potential in Breast and Prostate Cancer Cells. ChemMedChem, 2019, 14, 1041-1048.	1.6	11
166	A Systematic Review of miR-29 in Cancer. Molecular Therapy - Oncolytics, 2019, 12, 173-194.	2.0	157
167	Computational modelling of resistance and associated treatment response heterogeneity in metastatic cancers. Physics in Medicine and Biology, 2019, 64, 115001.	1.6	0
168	Isolation of circulating tumor cells in non-small-cell-lung-cancer patients using a multi-flow microfluidic channel. Microsystems and Nanoengineering, 2019, 5, 8.	3.4	138
169	Proteomics in Drug Development: The Dawn of a New Era?. Proteomics - Clinical Applications, 2019, 13, e1800087.	0.8	48
170	Regulation of cancer stem cell properties by SIX1, a member of the PAX-SIX-EYA-DACH network. Advances in Cancer Research, 2019, 141, 1-42.	1.9	26
171	PIK3CA in cancer: The past 30 years. Seminars in Cancer Biology, 2019, 59, 36-49.	4.3	122
172	Revealing clonality and subclonality of driver genes for clinical survival benefits in breast cancer. Breast Cancer Research and Treatment, 2019, 175, 91-104.	1.1	8
173	Targeting the CINful genome: Strategies to overcome tumor heterogeneity. Progress in Biophysics and Molecular Biology, 2019, 147, 77-91.	1.4	14
174	Timing The Therapeutic Trigger of Au Lipos Cur NPs for Effective Photothermal Therapy. , 2019, , .		3
175	Current and Future Treatment Strategies for Rhabdomyosarcoma. Frontiers in Oncology, 2019, 9, 1458.	1.3	100
176	Integration of a CMUT linear array for wideband H-scan ultrasound imaging. , 2019, , .		7
177	Tumorheterogenität des kolorektalen Karzinoms: Was wir bisher wissen. Karger Kompass Onkologie, 2019, 6, 76-88.	0.0	0
178	Expanding anaplastic lymphoma kinase therapeutic indication to early stage non-small cell lung cancer. Translational Lung Cancer Research, 2019, 8, S290-S297.	1.3	6
179	Dirac mixture distributions for the approximation of mixed effects models. IFAC-PapersOnLine, 2019, 52, 200-206.	0.5	1
180	Mass spectrometry imaging to detect lipid biomarkers and disease signatures in cancer. Cancer Reports, 2019, 2, e1229.	0.6	42
181	Highly versatile cancer photoimmunotherapy using photosensitizer-conjugated avidin and biotin-conjugated targeting antibodies. Cancer Cell International, 2019, 19, 299.	1.8	9
182	Spa-RQ: an Image Analysis Tool to Visualise and Quantify Spatial Phenotypes Applied to Non-Small Cell Lung Cancer. Scientific Reports, 2019, 9, 17613.	1.6	5

#	ARTICLE	IF	CITATIONS
183	Development of Targeted Alpha Particle Therapy for Solid Tumors. <i>Molecules</i> , 2019, 24, 4314.	1.7	82
185	Hybrid manganese dioxide-bovine serum albumin nanostructure incorporated with doxorubicin and IR780 for enhanced breast cancer chemo-photothermal therapy. <i>Drug Delivery</i> , 2019, 26, 1254-1264.	2.5	14
186	Tumour Suppressor Genes with Oncogenic Roles in Lung Cancer. , 0, , .		1
187	Spatio-temporal aspects of the interplay of cancer and the immune system. <i>Journal of Biological Physics</i> , 2019, 45, 395-400.	0.7	1
188	Clinical correlates of blood-derived circulating tumor DNA in pancreatic cancer. <i>Journal of Hematology and Oncology</i> , 2019, 12, 130.	6.9	64
189	&lt;p&gt;Unleashing The Potential Of Multiple-Targeted Therapies In Hepatobiliary Cancers: Two Cases, Cocktail Therapy With Nine Molecular Targeted Agents And Long-Lasting Survival&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 9941-9945.	1.0	0
190	PhysiBoSS: a multi-scale agent-based modelling framework integrating physical dimension and cell signalling. <i>Bioinformatics</i> , 2019, 35, 1188-1196.	1.8	88
191	Modulation of lung cancer cell plasticity and heterogeneity with the restoration of cisplatin sensitivity by neurotensin antibody. <i>Cancer Letters</i> , 2019, 444, 147-161.	3.2	13
192	Effect of a change in reactor power on response of murine solid tumors in vivo, referring to impact on quiescent tumor cell population. <i>International Journal of Radiation Biology</i> , 2019, 95, 635-645.	1.0	0
193	Cancer biomarker discovery and translation: proteomics and beyond. <i>Expert Review of Proteomics</i> , 2019, 16, 93-103.	1.3	107
194	TGF- $\beta$ 2 as Multifaceted Orchestrator in HCC Progression: Signaling, EMT, Immune Microenvironment, and Novel Therapeutic Perspectives. <i>Seminars in Liver Disease</i> , 2019, 39, 053-069.	1.8	78
195	Integrating molecular nuclear imaging in clinical research to improve anticancer therapy. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 241-255.	12.5	56
196	Biomimetic Nanoparticle Vaccines for Cancer Therapy. <i>Advanced Biology</i> , 2019, 3, e1800219.	3.0	84
197	Live single cell mass spectrometry reveals cancer-specific metabolic profiles of circulating tumor cells. <i>Cancer Science</i> , 2019, 110, 697-706.	1.7	90
198	Gut Microbiota and Cancer: From Pathogenesis to Therapy. <i>Cancers</i> , 2019, 11, 38.	1.7	378
199	Exploiting single-cell RNA sequencing data to link alternative splicing and cancer heterogeneity: A computational approach. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 108, 51-60.	1.2	8
200	Breast tumour organoids: promising models for the genomic and functional characterisation of breast cancer. <i>Biochemical Society Transactions</i> , 2019, 47, 109-117.	1.6	29
201	Utility of ultrasound-guided liver tumor biopsy for next-generation sequencing-based clinical sequencing. <i>Hepatology Research</i> , 2019, 49, 579-589.	1.8	6

#	ARTICLE	IF	CITATIONS
202	Comparing the effects of different cell death programs in tumor progression and immunotherapy. <i>Cell Death and Differentiation</i> , 2019, 26, 115-129.	5.0	74
203	Role of texture analysis in breast MRI as a cancer biomarker: A review. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 927-938.	1.9	89
204	The role of the unfolded protein response in cancer progression: From oncogenesis to chemoresistance. <i>Biology of the Cell</i> , 2019, 111, 1-17.	0.7	225
205	Loss of RNF40 Decreases NF- $\kappa$ B Activity in Colorectal Cancer Cells and Reduces Colitis Burden in Mice. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 362-373.	0.6	28
206	Pathogenesis of endometriosis: the genetic/epigenetic theory. <i>Fertility and Sterility</i> , 2019, 111, 327-340.	0.5	248
207	HSP90: Enabler of Cancer Adaptation. <i>Annual Review of Cancer Biology</i> , 2019, 3, 275-297.	2.3	59
208	Biomimetic Nanotechnology toward Personalized Vaccines. <i>Advanced Materials</i> , 2020, 32, e1901255.	11.1	200
209	Context is everything: aneuploidy in cancer. <i>Nature Reviews Genetics</i> , 2020, 21, 44-62.	7.7	407
210	AIE-based cancer theranostics. <i>Coordination Chemistry Reviews</i> , 2020, 402, 213076.	9.5	127
211	MALDI imaging mass spectrometry and chemometric tools to discriminate highly similar colorectal cancer tissues. <i>Talanta</i> , 2020, 208, 120455.	2.9	14
212	Recent insights into apoptosis and toxic autophagy: The roles of MDA-7/IL-24, a multidimensional anti-cancer therapeutic. <i>Seminars in Cancer Biology</i> , 2020, 66, 140-154.	4.3	45
213	Tumor biology and multidisciplinary strategies of oligometastasis in gastrointestinal cancers. <i>Seminars in Cancer Biology</i> , 2020, 60, 334-343.	4.3	32
214	Genome Editing and Hematologic Malignancy. <i>Annual Review of Medicine</i> , 2020, 71, 71-83.	5.0	1
215	Investigating Tumor Heterogeneity in Mouse Models. <i>Annual Review of Cancer Biology</i> , 2020, 4, 99-119.	2.3	42
216	Targets, pitfalls and reference materials for liquid biopsy tests in cancer diagnostics. <i>Molecular Aspects of Medicine</i> , 2020, 72, 100828.	2.7	104
217	Micropatterned topographies reveal measurable differences between cancer and benign cells. <i>Medical Engineering and Physics</i> , 2020, 75, 5-12.	0.8	13
218	Metabolic Fitness and Plasticity in Cancer Progression. <i>Trends in Cancer</i> , 2020, 6, 49-61.	3.8	76
219	Imaging Phenotypes of Breast Cancer Heterogeneity in Preoperative Breast Dynamic Contrast Enhanced Magnetic Resonance Imaging (DCE-MRI) Scans Predict 10-Year Recurrence. <i>Clinical Cancer Research</i> , 2020, 26, 862-869.	3.2	50

#	ARTICLE	IF	CITATIONS
220	Implementing anti-epidermal growth factor receptor (EGFR) therapy in metastatic colorectal cancer: challenges and future perspectives. <i>Annals of Oncology</i> , 2020, 31, 30-40.	0.6	124
221	Immunological impact of cell death signaling driven by radiation on the tumor microenvironment. <i>Nature Immunology</i> , 2020, 21, 120-134.	7.0	218
222	Microfluidics as an Enabling Technology for Personalized Cancer Therapy. <i>Small</i> , 2020, 16, e1904321.	5.2	55
223	Role of Albumin in Accumulation and Persistence of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2020, 31, 248-259.	1.8	67
224	Preserving single cells in space and time for analytical assays. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115723.	5.8	4
225	Methods and resources to access mutation-dependent effects on cancer drug treatment. <i>Briefings in Bioinformatics</i> , 2020, 21, 1886-1903.	3.2	5
226	A double safety lock tumor-specific device for suicide gene therapy in breast cancer. <i>Cancer Letters</i> , 2020, 470, 43-53.	3.2	10
227	How to Make Anticancer Drugs Cross the Blood-Brain Barrier to Treat Brain Metastases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 22.	1.8	52
228	Effect of a radiolabel biochemical nature on tumor-targeting properties of EpCAM-binding engineered scaffold protein DARPIn Ec1. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 216-225.	3.6	20
229	Exploring MRI based radiomics analysis of intratumoral spatial heterogeneity in locally advanced nasopharyngeal carcinoma treated with intensity modulated radiotherapy. <i>PLoS ONE</i> , 2020, 15, e0240043.	1.1	15
230	Non-genetic mechanisms of therapeutic resistance in cancer. <i>Nature Reviews Cancer</i> , 2020, 20, 743-756.	12.8	290
231	Integration of Multiple Platforms for the Analysis of Multifluorescent Marking Technology Applied to Pediatric GBM and DIPG. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6763.	1.8	9
232	Cannabinoid Combination Induces Cytoplasmic Vacuolation in MCF-7 Breast Cancer Cells. <i>Molecules</i> , 2020, 25, 4682.	1.7	26
233	Does Pemetrexed Work in Targetable, Nonsquamous Non-Small-Cell Lung Cancer? A Narrative Review. <i>Cancers</i> , 2020, 12, 2658.	1.7	10
234	Illuminating Colorectal Cancer Genomics by Next-Generation Sequencing. , 2020, , .		0
235	Redirecting oncolytic viruses: Engineering opportunists to take control of the tumour microenvironment. <i>Cytokine and Growth Factor Reviews</i> , 2020, 56, 102-114.	3.2	7
236	Enhancement of tumour penetration by nanomedicines through strategies based on transport processes and barriers. <i>Journal of Controlled Release</i> , 2020, 328, 28-44.	4.8	43
237	CAR T Cell Therapy for Solid Tumors: Bright Future or Dark Reality?. <i>Molecular Therapy</i> , 2020, 28, 2320-2339.	3.7	194

#	ARTICLE	IF	CITATIONS
238	Dual Targeting of Endothelial and Cancer Cells Potentiates In Vitro Nanobody-Targeted Photodynamic Therapy. <i>Cancers</i> , 2020, 12, 2732.	1.7	12
239	The role of plant-derived natural substances as immunomodulatory agents in carcinogenesis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 3137-3154.	1.2	20
240	COV is a readily available quantitative indicator of metabolic heterogeneity for predicting survival of patients with early and locally advanced NSCLC manifesting as central lung cancer. <i>European Journal of Radiology</i> , 2020, 132, 109338.	1.2	0
241	Single-cell derived tumor organoids display diversity in HLA class I peptide presentation. <i>Nature Communications</i> , 2020, 11, 5338.	5.8	41
242	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111110.	2.9	50
243	Drug tolerance to target therapy in melanoma revealed at single cell level: What next?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188440.	3.3	12
244	Biological role of epithelial-mesenchymal-transition-inducing transcription factors in head and neck squamous cell carcinoma: A systematic review. <i>Archives of Oral Biology</i> , 2020, 119, 104904.	0.8	14
245	Automated Raman based cell sorting with 3D microfluidics. <i>Lab on A Chip</i> , 2020, 20, 4235-4245.	3.1	26
246	Barriers for Tumor Drug Delivery. , 2020, , 5-26.		1
247	Vimentin filaments drive migratory persistence in polyploid cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26756-26765.	3.3	31
248	Electrochemical Sensors and Biosensors for the Detection of Cancer Biomarkers and Drugs. , 2020, , 15-43.		3
249	Use of radiomics in the radiation oncology setting: Where do we stand and what do we need?. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 755-761.	0.6	8
250	CRISPR/Cas9: A powerful genome editing technique for the treatment of cancer cells with present challenges and future directions. <i>Life Sciences</i> , 2020, 263, 118525.	2.0	35
251	Drug resistance in cancer: mechanisms and tackling strategies. <i>Pharmacological Reports</i> , 2020, 72, 1125-1151.	1.5	118
252	A redox-activatable biopolymer-based micelle for sequentially enhanced mitochondria-targeted photodynamic therapy and hypoxia-dependent chemotherapy. <i>Chemical Communications</i> , 2020, 56, 9978-9981.	2.2	13
253	Culture and application of conditionally reprogrammed primary tumor cells. <i>Gastroenterology Report</i> , 2020, 8, 224-233.	0.6	5
254	Integrated analysis of optical mapping and whole-genome sequencing reveals intratumoral genetic heterogeneity in metastatic lung squamous cell carcinoma. <i>Translational Lung Cancer Research</i> , 2020, 9, 670-681.	1.3	11
255	Increased number of subclones in lung squamous cell carcinoma elicits overexpression of immune related genes. <i>Translational Lung Cancer Research</i> , 2020, 9, 659-669.	1.3	5

#	ARTICLE	IF	CITATIONS
256	Adaptive phenotypic switching in breast cancer in response to matrix deprivation. , 2020, , 651-676.		1
257	Pre-Treatment T2-WI Based Radiomics Features for Prediction of Locally Advanced Rectal Cancer Non-Response to Neoadjuvant Chemoradiotherapy: A Preliminary Study. <i>Cancers</i> , 2020, 12, 1894.	1.7	38
258	MGMT Promoter Methylation as a Target In Metastatic Colorectal Cancer: Rapid Turnover and Use of Folates Alter its Studyâ€™Letter. <i>Clinical Cancer Research</i> , 2020, 26, 3493-3494.	3.2	1
259	Programmed death ligandâ€™1 expression in gastrointestinal cancer: Clinical significance and future challenges. <i>Annals of Gastroenterological Surgery</i> , 2020, 4, 369-378.	1.2	10
260	Understanding Nanoparticle Toxicity to Direct a Safe-by-Design Approach in Cancer Nanomedicine. <i>Nanomaterials</i> , 2020, 10, 2186.	1.9	49
261	Cancer Stem Cells and the Slow Cycling Phenotype: How to Cut the Gordian Knot Driving Resistance to Therapy in Melanoma. <i>Cancers</i> , 2020, 12, 3368.	1.7	15
262	Cancer modeling: From mechanistic to data-driven approaches, and from fundamental insights to clinical applications. <i>Journal of Computational Science</i> , 2020, 46, 101198.	1.5	39
263	NRF2 level is negatively correlated with TGF-Î²1-induced lung cancer motility and migration via NOX4-ROS signaling. <i>Archives of Pharmacal Research</i> , 2020, 43, 1297-1310.	2.7	20
264	Highâ€™Throughput Measurements of Intraâ€™Cellular and Secreted Cytokine from Single Spheroids Using Anchored Microfluidic Droplets. <i>Small</i> , 2020, 16, e2002303.	5.2	18
265	Noninvasive Diagnostics for Early Detection of Lung Cancer: Challenges and Potential with a Focus on Changes in DNA Methylation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2416-2422.	1.1	17
266	Vascular Heterogeneity With a Special Focus on the Hepatic Microenvironment. <i>Frontiers in Physiology</i> , 2020, 11, 591901.	1.3	6
267	Cellular State Transformations Using Deep Learning for Precision Medicine Applications. <i>Patterns</i> , 2020, 1, 100087.	3.1	9
268	Deep learning suggests that gene expression is encoded in all parts of a co-evolving interacting gene regulatory structure. <i>Nature Communications</i> , 2020, 11, 6141.	5.8	83
269	Cancer cells employ an evolutionarily conserved polyploidization program to resist therapy. <i>Seminars in Cancer Biology</i> , 2022, 81, 145-159.	4.3	41
270	Breast Cancer Heterogeneity and Response to Novel Therapeutics. <i>Cancers</i> , 2020, 12, 3271.	1.7	40
272	Tissue-engineered 3D cancer microenvironment for screening therapeutics. , 2020, , 453-479.		2
273	Non-Small-Cell Lung Cancer-Sensitive Detection of the p.Thr790Met EGFR Alteration by Preamplification before PNA-Mediated PCR Clamping and Pyrosequencing. <i>Diagnostics</i> , 2020, 10, 527.	1.3	5
274	A Deep Learning-Facilitated Radiomics Solution for the Prediction of Lung Lesion Shrinkage in Non-Small Cell Lung Cancer Trials. , 2020, , .		5



#	ARTICLE	IF	CITATIONS
275	Epigenomic State Transitions Characterize Tumor Progression in Mouse Lung Adenocarcinoma. <i>Cancer Cell</i> , 2020, 38, 212-228.e13.	7.7	140
276	Modulated Electro-Hyperthermia Resolves Radioresistance of Panc1 Pancreas Adenocarcinoma and Promotes DNA Damage and Apoptosis In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5100.	1.8	12
277	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20405-20410.	7.2	74
278	Ascorbate sensitizes human osteosarcoma cells to the cytostatic effects of cisplatin. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00632.	1.1	9
279	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie</i> , 2020, 132, 20585-20590.	1.6	10
280	Unveiling functional heterogeneity in breast cancer multicellular tumor spheroids through single-cell RNA-seq. <i>Scientific Reports</i> , 2020, 10, 12728.	1.6	30
281	Diarylurea derivatives comprising 2,4-diarylpyrimidines: Discovery of novel potential anticancer agents via combined failed-ligands repurposing and molecular hybridization approaches. <i>Bioorganic Chemistry</i> , 2020, 103, 104121.	2.0	20
282	The role of the stem cell epigenome in normal aging and rejuvenative therapy. <i>Human Molecular Genetics</i> , 2020, 29, R236-R247.	1.4	4
283	In Vitro Modeling of Non-Solid Tumors: How Far Can Tissue Engineering Go?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5747.	1.8	16
284	EGFR/FOXO3a/BIM signaling pathway determines chemosensitivity of BMP4-differentiated glioma stem cells to temozolomide. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1326-1340.	3.2	24
285	Relationship between peak density and acoustic scattering in high-frequency ultrasound wave propagation. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	8
286	Efficacy of a novel double-controlled oncolytic adenovirus driven by the Ki67 core promoter and armed with IL-15 against glioblastoma cells. <i>Cell and Bioscience</i> , 2020, 10, 124.	2.1	18
287	Implementing a clinical cutting-edge and decision-making activity: an ethnographic teamwork approach to a molecular tumorboard. <i>BMC Health Services Research</i> , 2020, 20, 922.	0.9	0
288	The Tumor Microenvironment of Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 3076.	1.7	17
289	Immunotoxin Screening System: A Rapid and Direct Approach to Obtain Functional Antibodies with Internalization Capacities. <i>Toxins</i> , 2020, 12, 658.	1.5	14
290	The Impact of Next Generation Sequencing in Cancer Research. <i>Cancers</i> , 2020, 12, 2928.	1.7	7
291	Artesunate Inhibits Growth of Sunitinib-Resistant Renal Cell Carcinoma Cells through Cell Cycle Arrest and Induction of Ferroptosis. <i>Cancers</i> , 2020, 12, 3150.	1.7	61
292	Sustained activation of notch signaling maintains tumor-initiating cells in a murine model of liposarcoma. <i>Cancer Letters</i> , 2020, 494, 27-39.	3.2	5

#	ARTICLE	IF	CITATIONS
293	Genomic instability and cancer: lessons from <i>Drosophila</i> . <i>Open Biology</i> , 2020, 10, 200060.	1.5	12
294	The evolving translational potential of small extracellular vesicles in cancer. <i>Nature Reviews Cancer</i> , 2020, 20, 697-709.	12.8	295
295	Single-cell Sequencing and Methylation. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	4
296	Single Cell Sequencing: A New Dimension in Cancer Diagnosis and Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1255, 109-121.	0.8	3
297	FastClone is a probabilistic tool for deconvoluting tumor heterogeneity in bulk-sequencing samples. <i>Nature Communications</i> , 2020, 11, 4469.	5.8	32
298	Feasibility and first reports of the MATCH-R repeated biopsy trial at Gustave Roussy. <i>Npj Precision Oncology</i> , 2020, 4, 27.	2.3	16
299	Nonlinear Image Registration and Pixel Classification Pipeline for the Study of Tumor Heterogeneity Maps. <i>Entropy</i> , 2020, 22, 946.	1.1	2
300	Histopathological imaging-based cancer heterogeneity analysis via penalized fusion with model averaging. <i>Biometrics</i> , 2021, 77, 1397-1408.	0.8	8
301	Ecooncology: Applying ecological principles to understand and manage cancer. <i>Ecology and Evolution</i> , 2020, 10, 8538-8553.	0.8	25
302	Single-cell transcriptomics in cancer: computational challenges and opportunities. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1452-1465.	3.2	108
303	Inhibition of nicotinamide phosphoribosyltransferase (NAMPT) with OT-82 induces DNA damage, cell death, and suppression of tumor growth in preclinical models of Ewing sarcoma. <i>Oncogenesis</i> , 2020, 9, 80.	2.1	13
304	What Is the Storage Effect, Why Should It Occur in Cancers, and How Can It Inform Cancer Therapy?. <i>Cancer Control</i> , 2020, 27, 107327482094196.	0.7	4
305	Carbonic Anhydrase 4 serves as a Clinicopathological Biomarker for Outcomes and Immune Infiltration in Renal Cell Carcinoma, Lower Grade Glioma, Lung Adenocarcinoma and Uveal Melanoma. <i>Journal of Cancer</i> , 2020, 11, 6101-6113.	1.2	6
306	Tumor immune profiles noninvasively estimated by FDG PET with deep learning correlate with immunotherapy response in lung adenocarcinoma. <i>Theranostics</i> , 2020, 10, 10838-10848.	4.6	39
307	Radiotheranostic Agent <sup>64</sup> Cu-cyclam-RAFT-c(-RGDfK)-4 for Management of Peritoneal Metastasis in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 6230-6241.	3.2	9
308	Genetic Heterogeneity Between Paired Primary and Brain Metastases in Lung Adenocarcinoma. <i>Clinical Medicine Insights: Oncology</i> , 2020, 14, 117955492094733.	0.6	9
309	mTOR-mediated cancer drug resistance suppresses autophagy and generates a druggable metabolic vulnerability. <i>Nature Communications</i> , 2020, 11, 4684.	5.8	87
310	An algorithm to quantify intratumor heterogeneity based on alterations of gene expression profiles. <i>Communications Biology</i> , 2020, 3, 505.	2.0	50

#	ARTICLE	IF	CITATIONS
311	Modeling How Heterogeneity in Cell Cycle Length Affects Cancer Cell Growth Dynamics in Response to Treatment. <i>Frontiers in Oncology</i> , 2020, 10, 1552.	1.3	12
312	Highly Specific, Single-Step Cancer Cell Isolation with Multi-Aptamer-Mediated Proximity Ligation on Live Cell Membranes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23564-23568.	7.2	78
313	Collagen promotes anti-PD-1/PD-L1 resistance in cancer through LAIR1-dependent CD8+ T cell exhaustion. <i>Nature Communications</i> , 2020, 11, 4520.	5.8	218
314	An engineered pancreatic cancer model with intra-tumoral heterogeneity of driver mutations. <i>Lab on A Chip</i> , 2020, 20, 3720-3732.	3.1	18
315	Novel Somatic Genetic Variants as Predictors of Resistance to EGFR-Targeted Therapies in Metastatic Colorectal Cancer Patients. <i>Cancers</i> , 2020, 12, 2245.	1.7	2
316	Tumor-Activated Size-Enlargeable Bioinspired Lipoproteins Access Cancer Cells in Tumor to Elicit Anti-Tumor Immune Responses. <i>Advanced Materials</i> , 2020, 32, e2002380.	11.1	43
317	Methods for copy number aberration detection from single-cell DNA-sequencing data. <i>Genome Biology</i> , 2020, 21, 208.	3.8	72
318	CRISPR and transposon in vivo screens for cancer drivers and therapeutic targets. <i>Genome Biology</i> , 2020, 21, 204.	3.8	14
319	Oxygen vacancy-enhanced photothermal performance and reactive oxygen species generation for synergistic tumour therapy. <i>Chemical Communications</i> , 2020, 56, 11259-11262.	2.2	16
320	An overview of neuroblastoma cell lineage phenotypes and <i>in vitro</i> models. <i>Experimental Biology and Medicine</i> , 2020, 245, 1637-1647.	1.1	28
321	Mathematical modelling reveals cellular dynamics within tumour spheroids. <i>PLoS Computational Biology</i> , 2020, 16, e1007961.	1.5	56
322	Interrupting Neuron-Tumor Interactions to Overcome Treatment Resistance. <i>Cancers</i> , 2020, 12, 3741.	1.7	10
323	Analysis of the mutational status of SIX1/2 and microRNA processing genes in paired primary and relapsed Wilms tumors and association with relapse. <i>Cancer Gene Therapy</i> , 2021, 28, 1016-1024.	2.2	9
324	&lt;p&gt;Anticancer Activity of Thymoquinone Cubic Phase Nanoparticles Against Human Breast Cancer: Formulation, Cytotoxicity and Subcellular Localization&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9557-9570.	3.3	45
325	Different Calculation Strategies Are Congruent in Determining Chemotherapy Resistance of Brain Tumors In Vitro. <i>Cells</i> , 2020, 9, 2689.	1.8	4
326	Development and validation of a CT-texture analysis nomogram for preoperatively differentiating thymic epithelial tumor histologic subtypes. <i>Cancer Imaging</i> , 2020, 20, 86.	1.2	8
327	A glitch in the matrix: Age-dependent changes in the extracellular matrix facilitate common sites of metastasis. <i>Aging and Cancer</i> , 2020, 1, 19-29.	0.5	11
328	Highly Specific, Single-Step Cancer Cell Isolation with Multi-Aptamer-Mediated Proximity Ligation on Live Cell Membranes. <i>Angewandte Chemie</i> , 2020, 132, 23770-23774.	1.6	14

#	ARTICLE	IF	CITATIONS
330	Improving existing analysis pipeline to identify and analyze cancer driver genes using multi-omics data. <i>Scientific Reports</i> , 2020, 10, 20521.	1.6	10
331	Comparative Analysis of Cell-Cell Contact Abundance in Ovarian Carcinoma Cells Cultured in Two- and Three-Dimensional In Vitro Models. <i>Biology</i> , 2020, 9, 446.	1.3	13
332	Identification of a Noncanonical Necrotic Cell Death Triggered via Enhanced Proteolysis by a Novel Sapogenol Derivative. <i>Chemical Research in Toxicology</i> , 2020, 33, 2880-2891.	1.7	6
333	Targeting CREB in Cancer Therapy: A Key Candidate or One of Many? An Update. <i>Cancers</i> , 2020, 12, 3166.	1.7	38
334	Plasma Predictive Features in Treating EGFR-Mutated Non-Small Cell Lung Cancer. <i>Cancers</i> , 2020, 12, 3179.	1.7	11
335	Pancreatic Adenocarcinoma Invasiveness and the Tumor Microenvironment: From Biology to Clinical Trials. <i>Biomedicines</i> , 2020, 8, 401.	1.4	5
336	The CINs of Polo-Like Kinase 1 in Cancer. <i>Cancers</i> , 2020, 12, 2953.	1.7	19
337	Single-Cell Techniques and Deep Learning in Predicting Drug Response. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 1050-1065.	4.0	27
338	Prognostic significance of mutant-allele tumor heterogeneity in uterine corpus endometrial carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 339-339.	0.7	10
339	Prognostic value of HER2 status on circulating tumor cells in advanced-stage breast cancer patients with HER2-negative tumors. <i>Breast Cancer Research and Treatment</i> , 2020, 181, 679-689.	1.1	30
340	Efficacy of direct current generated by multiple-electrode arrays on F3II mammary carcinoma: experiment and mathematical modeling. <i>Journal of Translational Medicine</i> , 2020, 18, 190.	1.8	3
341	Early Prediction of Single-Cell Derived Sphere Formation Rate Using Convolutional Neural Network Image Analysis. <i>Analytical Chemistry</i> , 2020, 92, 7717-7724.	3.2	14
342	Cancer Stem Cell Plasticity – A Deadly Deal. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 79.	1.6	106
343	HDAC Inhibitor, CG-745, Enhances the Anti-Cancer Effect of Anti-PD-1 Immune Checkpoint Inhibitor by Modulation of the Immune Microenvironment. <i>Journal of Cancer</i> , 2020, 11, 4059-4072.	1.2	65
344	Biomedical Research Goes Viral: Dangers and Opportunities. <i>Cell</i> , 2020, 181, 1189-1193.	13.5	6
345	Prospects for Comprehensive Analyses of Circulating Tumor Cells in Tumor Biology. <i>Cancers</i> , 2020, 12, 1135.	1.7	16
346	Whole Genome Analysis of Ovarian Granulosa Cell Tumors Reveals Tumor Heterogeneity and a High-Grade TP53-Specific Subgroup. <i>Cancers</i> , 2020, 12, 1308.	1.7	41
347	Tuning Push-Pull Electronic Effects of AIEgens to Boost the Theranostic Efficacy for Colon Cancer. <i>Journal of the American Chemical Society</i> , 2020, 142, 11442-11450.	6.6	63

#	ARTICLE	IF	CITATIONS
348	Oncogene-Addicted Non-Small-Cell Lung Cancer: Treatment Opportunities and Future Perspectives. <i>Cancers</i> , 2020, 12, 1196.	1.7	65
349	The p53-53BP1-Related Survival of A549 and H1299 Human Lung Cancer Cells after Multifractionated Radiotherapy Demonstrated Different Response to Additional Acute X-ray Exposure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3342.	1.8	18
350	MinProtMaxVP: Generating a minimized number of protein variant sequences containing all possible variant peptides for proteogenomic analysis. <i>Journal of Proteomics</i> , 2020, 223, 103819.	1.2	6
351	Bioprinting of <i>in vitro</i> tumor models for personalized cancer treatment: a review. <i>Biofabrication</i> , 2020, 12, 042001.	3.7	61
352	Resistance is not the end: lessons from pest management. <i>Cancer Control</i> , 2020, 27, 107327482092254.	0.7	4
353	Strategic Combinations to Prevent and Overcome Resistance to Targeted Therapies in Oncology. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2020, 40, e292-e308.	1.8	3
354	Liquid biopsy and tumor heterogeneity in metastatic solid tumors: the potentiality of blood samples. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 95.	3.5	147
355	The genomic landscape of metastasis in treatment-naïve breast cancer models. <i>PLoS Genetics</i> , 2020, 16, e1008743.	1.5	17
356	Tspan8 Drives Melanoma Dermal Invasion by Promoting ProMMP-9 Activation and Basement Membrane Proteolysis in a Keratinocyte-Dependent Manner. <i>Cancers</i> , 2020, 12, 1297.	1.7	16
357	Paclitaxel and Sorafenib: The Effective Combination of Suppressing the Self-Renewal of Cancer Stem Cells. <i>Cancers</i> , 2020, 12, 1360.	1.7	17
358	Activatable Nanocomposite Probe for Preoperative Location and Intraoperative Navigation for Orthotopic Hepatic Tumor Resection via MSOT and Aggregation-Induced Near-IR-I/II Fluorescence Imaging. <i>Analytical Chemistry</i> , 2020, 92, 9257-9264.	3.2	54
359	Agent-Based Models Predict Emergent Behavior of Heterogeneous Cell Populations in Dynamic Microenvironments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 249.	2.0	25
360	Towards systems tissue engineering: Elucidating the dynamics, spatial coordination, and individual cells driving emergent behaviors. <i>Biomaterials</i> , 2020, 255, 120189.	5.7	8
361	Chitosan derived glycolipid nanoparticles for magnetic resonance imaging guided photodynamic therapy of cancer. <i>Carbohydrate Polymers</i> , 2020, 245, 116509.	5.1	32
362	Spheroid-Based Approach to Assess the Tissue Relevance of Analysis of Dispersed-Settled Tissue Cells by Cytometry of the Reaction Rate Constant. <i>Analytical Chemistry</i> , 2020, 92, 9348-9355.	3.2	5
363	Early stratification of radiotherapy response by activatable inflammation magnetic resonance imaging. <i>Nature Communications</i> , 2020, 11, 3032.	5.8	62
364	Recent Approaches Encompassing the Phenotypic Cell Heterogeneity for Anticancer Drug Efficacy Evaluation. , 2020, , .		2
365	Nanomedicine-based drug delivery towards tumor biological and immunological microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2110-2124.	5.7	80

#	ARTICLE	IF	CITATIONS
366	Zebrafish Xenografts for Drug Discovery and Personalized Medicine. <i>Trends in Cancer</i> , 2020, 6, 569-579.	3.8	67
367	The Cancer Chemopreventive and Therapeutic Potential of Tetrahydrocurcumin. <i>Biomolecules</i> , 2020, 10, 831.	1.8	45
368	A Driver Never Works Alone—Interplay Networks of Mutant p53, MYC, RAS, and Other Universal Oncogenic Drivers in Human Cancer. <i>Cancers</i> , 2020, 12, 1532.	1.7	12
369	Role of Exosomal miRNAs and the Tumor Microenvironment in Drug Resistance. <i>Cells</i> , 2020, 9, 1450.	1.8	65
370	The Potential of Tumor Debulking to Support Molecular Targeted Therapies. <i>Frontiers in Oncology</i> , 2020, 10, 801.	1.3	6
371	Pharmacokinetic Profiles Determine Optimal Combination Treatment Schedules in Computational Models of Drug Resistance. <i>Cancer Research</i> , 2020, 80, 3372-3382.	0.4	8
372	Molecular and functional extracellular vesicle analysis using nanopatterned microchips monitors tumor progression and metastasis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	79
373	Chemo-immunotherapy with doxorubicin prodrug and erythrocyte membrane-enveloped polymer nano-vaccine enhances antitumor activity. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110377.	2.5	6
374	Whole Exome Sequencing of Multi-Regional Biopsies from Metastatic Lesions to Evaluate Actionable Truncal Mutations Using a Single-Pass Percutaneous Technique. <i>Cancers</i> , 2020, 12, 1599.	1.7	2
375	Cellular rewiring in lethal prostate cancer: the architect of drug resistance. <i>Nature Reviews Urology</i> , 2020, 17, 292-307.	1.9	59
376	Machine Learning Analysis of Individual Tumor Lesions in Four Metastatic Colorectal Cancer Clinical Studies: Linking Tumor Heterogeneity to Overall Survival. <i>AAPS Journal</i> , 2020, 22, 58.	2.2	14
377	Machine Learning-Guided Prediction of Antigen-Reactive In Silico Clonotypes Based on Changes in Clonal Abundance through Bio-Panning. <i>Biomolecules</i> , 2020, 10, 421.	1.8	6
378	A 3D Cell Death Assay to Quantitatively Determine Ferroptosis in Spheroids. <i>Cells</i> , 2020, 9, 703.	1.8	21
379	Role of <i>eIF4E</i> on epithelial–mesenchymal transition, invasion, and chemoresistance of prostate cancer cells. <i>Cancer Communications</i> , 2020, 40, 126-131.	3.7	4
380	Stepwise-activatable hypoxia triggered nanocarrier-based photodynamic therapy for effective synergistic bioreductive chemotherapy. <i>Biomaterials</i> , 2020, 245, 119982.	5.7	44
381	The future of drug delivery in cancer treatment. , 2020, , 569-597.		1
382	A liquid biopsy-guided drug release system for cancer theranostics: integrating rapid circulating tumor cell detection and precision tumor therapy. <i>Lab on A Chip</i> , 2020, 20, 1418-1425.	3.1	15
383	Selective imaging of solid tumours via the calcium-dependent high-affinity binding of a cyclic octapeptide to phosphorylated Annexin A2. <i>Nature Biomedical Engineering</i> , 2020, 4, 298-313.	11.6	31

#	ARTICLE	IF	CITATIONS
384	Downregulation of RIG-I mediated by ITGB3/c-SRC/STAT3 signaling confers resistance to interferon- $\beta$ -induced apoptosis in tumor-repopulating cells of melanoma. , 2020, 8, e000111.		22
386	Uncovering Differently Expressed Markers and Heterogeneity on Human Pancreatic Cancer. <i>Translational Oncology</i> , 2020, 13, 100749.	1.7	9
387	Biodegradable MnFe-hydroxide nanocapsules to enable multi-therapeutics delivery and hypoxia-modulated tumor treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3929-3938.	2.9	10
388	Inter- and intratumor DNA methylation heterogeneity associated with lymph node metastasis and prognosis of esophageal squamous cell carcinoma. <i>Theranostics</i> , 2020, 10, 3035-3048.	4.6	21
389	Post-mortem tissue donation programs as platforms to accelerate cancer research. <i>Journal of Pathology: Clinical Research</i> , 2020, 6, 163-170.	1.3	4
390	Tumour Cell Secretome in Chemoresistance and Tumour Recurrence. <i>Trends in Cancer</i> , 2020, 6, 489-505.	3.8	101
391	&lt;p&gt;Impact of Next-Generation Sequencing on Outcomes in Hepatocellular Carcinoma: How Precise Are We Really?&lt;/p&gt;. <i>Journal of Hepatocellular Carcinoma</i> , 2020, Volume 7, 33-37.	1.8	14
392	Functional and genetic characterization of three cell lines derived from a single tumor of an <i>Opisthorchis viverrini</i> -associated cholangiocarcinoma patient. <i>Human Cell</i> , 2020, 33, 695-708.	1.2	69
393	The Role of Nicotinamide in Cancer Chemoprevention and Therapy. <i>Biomolecules</i> , 2020, 10, 477.	1.8	60
394	From the Clinic to the Bench and Back Again in One Dog Year: How a Cross-Species Pipeline to Identify New Treatments for Sarcoma Illuminates the Path Forward in Precision Medicine. <i>Frontiers in Oncology</i> , 2020, 10, 117.	1.3	18
395	3-Aryl-4-nitrobenzothiochromans S,S-dioxide: From Calcium-Channel Modulators Properties to Multidrug-Resistance Reverting Activity. <i>Molecules</i> , 2020, 25, 1056.	1.7	7
396	NRF2-driven redox metabolism takes center stage in cancer metabolism from an outside-in perspective. <i>Archives of Pharmacal Research</i> , 2020, 43, 321-336.	2.7	7
397	Adaptive RSK&lt;sup&gt;A&lt;/sup&gt;GPRC5A signaling switch triggers chemotherapy resistance in ovarian cancer. <i>EMBO Molecular Medicine</i> , 2020, 12, e11177.	3.3	39
398	Viral nanoparticles for drug delivery, imaging, immunotherapy, and theranostic applications. <i>Advanced Drug Delivery Reviews</i> , 2020, 156, 214-235.	6.6	231
399	High mutation burden of circulating cell&lt;sup&gt;free&lt;/sup&gt; DNA in early&lt;sup&gt;stage&lt;/sup&gt; breast cancer patients is associated with a poor relapse&lt;sup&gt;free&lt;/sup&gt; survival. <i>Cancer Medicine</i> , 2020, 9, 5922-5931.	1.3	9
401	Activation of mitochondrial unfolded protein response is associated with Her2-overexpression breast cancer. <i>Breast Cancer Research and Treatment</i> , 2020, 183, 61-70.	1.1	18
402	Expression of ncRNAs on the DLK1-DIO3 Locus Is Associated With Basal and Mesenchymal Phenotype in Breast Epithelial Progenitor Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 461.	1.8	14
403	Overcoming cancer therapeutic bottleneck by drug repurposing. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 113.	7.1	299

#	ARTICLE	IF	CITATIONS
404	Pharmacogenomics for immunotherapy and immune-related cardiotoxicity. <i>Human Molecular Genetics</i> , 2020, 29, R186-R196.	1.4	7
405	Single-cell RNA-seq reveals that glioblastoma recapitulates a normal neurodevelopmental hierarchy. <i>Nature Communications</i> , 2020, 11, 3406.	5.8	300
406	Establishing metastatic patient-derived xenograft model for colorectal cancer. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 1108-1116.	0.6	11
407	Advances and potential pitfalls of oncolytic viruses expressing immunomodulatory transgene therapy for malignant gliomas. <i>Cell Death and Disease</i> , 2020, 11, 485.	2.7	50
408	Spatial proteome profiling by immunohistochemistry-based laser capture microdissection and data-independent acquisition proteomics. <i>Analytica Chimica Acta</i> , 2020, 1127, 140-148.	2.6	23
409	Deterministic culturing of single cells in 3D. <i>Scientific Reports</i> , 2020, 10, 10805.	1.6	4
410	Beyond finding druggable targets and tumor mutational burden: to measure heterogeneity by ctDNA. <i>Annals of Translational Medicine</i> , 2020, 8, 723-723.	0.7	0
411	Lipidome-based rapid diagnosis with machine learning for detection of TGF- $\beta$ 2 signalling activated area in head and neck cancer. <i>British Journal of Cancer</i> , 2020, 122, 995-1004.	2.9	9
412	Role of Complex Networks for Integrating Medical Images and Radiomic Features of Intracranial Ependymoma Patients in Response to Proton Radiotherapy. <i>Frontiers in Medicine</i> , 2019, 6, 333.	1.2	8
413	RefDNN: a reference drug based neural network for more accurate prediction of anticancer drug resistance. <i>Scientific Reports</i> , 2020, 10, 1861.	1.6	26
414	CAR T cells and checkpoint inhibition for the treatment of glioblastoma. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 579-591.	1.4	37
415	Reprogramming Tumor Associated Macrophages toward M1 Phenotypes with Nanomedicine for Anticancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900181.	1.6	31
416	Power and pitfalls of computational methods for inferring clone phylogenies and mutation orders from bulk sequencing data. <i>Scientific Reports</i> , 2020, 10, 3498.	1.6	21
417	A non-linear association between blood tumor mutation burden and prognosis in NSCLC patients receiving atezolizumab. <i>Oncolimmunology</i> , 2020, 9, 1731072.	2.1	30
418	Detecting TRA-1 $\mu$ 60 in Cancer via a Novel Zr-89 Labeled ImmunoPET Imaging Agent. <i>Molecular Pharmaceutics</i> , 2020, 17, 1139-1147.	2.3	6
419	Immunology in the Era of Single-Cell Technologies. <i>Annual Review of Immunology</i> , 2020, 38, 727-757.	9.5	57
420	Adoptive T-cell therapy for HBV-associated HCC and HBV infection. <i>Antiviral Research</i> , 2020, 176, 104748.	1.9	31
421	Post-mortem Plasma Cell-Free DNA Sequencing: Proof-of-Concept Study for the "Liquid Autopsy". <i>Scientific Reports</i> , 2020, 10, 2120.	1.6	3



#	ARTICLE	IF	CITATIONS
422	The Biology of Lung Cancer. <i>Clinics in Chest Medicine</i> , 2020, 41, 25-38.	0.8	52
423	Tumor radiomic features complement clinico-radiological factors in predicting long-term local control and laryngectomy free survival in locally advanced laryngo-pharyngeal cancers. <i>British Journal of Radiology</i> , 2020, 93, 20190857.	1.0	21
424	Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> , 2020, 9, 193.	2.2	94
425	A modeling platform for the lymphatic system. <i>Journal of Theoretical Biology</i> , 2020, 493, 110193.	0.8	7
426	Spatial heterogeneity of nanomedicine investigated by multiscale imaging of the drug, the nanoparticle and the tumour environment. <i>Theranostics</i> , 2020, 10, 1884-1909.	4.6	30
427	Establishment and validation of a nomogram with intratumoral heterogeneity derived from 18F-FDG PET/CT for predicting individual conditional risk of 5-year recurrence before initial treatment of nasopharyngeal carcinoma. <i>BMC Cancer</i> , 2020, 20, 37.	1.1	18
428	Alleviation of Multidrug Resistance by Flavonoid and Non-Flavonoid Compounds in Breast, Lung, Colorectal and Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 401.	1.8	48
429	EPR-mediated tumor targeting using ultrasmall-hybrid nanoparticles: From animal to human with theranostic AGuIX nanoparticles. <i>Theranostics</i> , 2020, 10, 1319-1331.	4.6	88
430	Clinical implications of intratumor heterogeneity: challenges and opportunities. <i>Journal of Molecular Medicine</i> , 2020, 98, 161-177.	1.7	241
431	A virtual-droplet system for sensing MMP9 activity of single suspended and adhered cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 308, 127749.	4.0	11
432	Targeting the RNA Polymerase I Transcription for Cancer Therapy Comes of Age. <i>Cells</i> , 2020, 9, 266.	1.8	121
433	A Biomimetic Tumor Model of Heterogeneous Invasion in Pancreatic Ductal Adenocarcinoma. <i>Small</i> , 2020, 16, e1905500.	5.2	27
434	A novel role of tumor suppressor ZMYND8 in inducing differentiation of breast cancer cells through its dual-histone binding function. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	2
435	Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective. <i>Cancers</i> , 2020, 12, 238.	1.7	70
436	Size-Switchable Nanoparticles with Self-Destructive and Tumor Penetration Characteristics for Site-Specific Phototherapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6933-6943.	4.0	42
437	Prediction of Drug Efficacy in Colon Cancer Preclinical Models Using a Novel Ranking Method of Gene Expression. <i>Cancers</i> , 2020, 12, 149.	1.7	2
438	The single-cell pathology landscape of breast cancer. <i>Nature</i> , 2020, 578, 615-620.	13.7	582
439	Development and application of two novel monoclonal antibodies against overexpressed CD26 and integrin $\alpha 3$ in human pancreatic cancer. <i>Scientific Reports</i> , 2020, 10, 537.	1.6	4

#	ARTICLE	IF	CITATIONS
440	Liquid Biopsy Based Single-Cell Transcriptome Profiling Characterizes Heterogeneity of Disseminated Tumor Cells from Lung Adenocarcinoma. <i>Proteomics</i> , 2020, 20, e1900224.	1.3	16
442	MicroRNAs as Emerging Regulators of Signaling in the Tumor Microenvironment. <i>Cancers</i> , 2020, 12, 911.	1.7	24
443	Single-Cell Multi-Omics and Its Prospective Application in Cancer Biology. <i>Proteomics</i> , 2020, 20, 1900271.	1.3	28
444	Extrachromosomal DNA-relieving heredity constraints, accelerating tumour evolution. <i>Annals of Oncology</i> , 2020, 31, 884-893.	0.6	66
445	Essential gene expression pattern of head and neck squamous cell carcinoma revealed by tumor-specific expression rule based on single-cell RNA sequencing. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165791.	1.8	3
446	Overcoming Endocrine Resistance in Breast Cancer. <i>Cancer Cell</i> , 2020, 37, 496-513.	7.7	411
447	Review of precision cancer medicine: Evolution of the treatment paradigm. <i>Cancer Treatment Reviews</i> , 2020, 86, 102019.	3.4	327
448	Glioblastoma: Pathogenesis and Current Status of Chemotherapy and Other Novel Treatments. <i>Cancers</i> , 2020, 12, 937.	1.7	86
449	Personalized Medicine: Recent Progress in Cancer Therapy. <i>Cancers</i> , 2020, 12, 1009.	1.7	123
450	Total Body PET: Why, How, What for?. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 283-292.	2.7	75
451	The Role of Exosomal microRNA in Cancer Drug Resistance. <i>Frontiers in Oncology</i> , 2020, 10, 472.	1.3	36
452	Functionalized NIR-Excited Semiconducting Polymer Nanoparticles for Single-Cell to Whole-Organ Imaging of PSMA-Positive Prostate Cancer. <i>Small</i> , 2020, 16, e2001215.	5.2	34
453	Environmental Carcinogenesis at the Single-Cell Level. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1880-1886.	1.1	1
454	Convergent Evolution, Evolving Evolvability, and the Origins of Lethal Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 801-810.	1.5	48
455	Pitfalls in Cancer Biomarker Discovery and Validation with Emphasis on Circulating Tumor DNA. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2568-2574.	1.1	26
456	Aquaporin-9, Mediated by IGF2, Suppresses Liver Cancer Stem Cell Properties via Augmenting ROS/ $\beta$ -Catenin/FOXO3a Signaling. <i>Molecular Cancer Research</i> , 2020, 18, 992-1003.	1.5	20
457	Clinical Relevance of an Amplicon-Based Liquid Biopsy for Detecting <i>ALK</i> and <i>ROS1</i> Fusion and Resistance Mutations in Patients With Non-Small-Cell Lung Cancer. <i>JCO Precision Oncology</i> , 2020, 4, 272-282.	1.5	36
458	Metastatic Heterogeneity of Breast Cancer: Companion and Theranostic Approach in Nuclear Medicine. <i>Cancers</i> , 2020, 12, 821.	1.7	10

#	ARTICLE	IF	CITATIONS
459	L-Glucose: Another Path to Cancer Cells. <i>Cancers</i> , 2020, 12, 850.	1.7	8
460	New insights into small cell lung cancer development and therapy. <i>Cell Biology International</i> , 2020, 44, 1564-1576.	1.4	68
461	Genetics of Hepatocellular Carcinoma: Approaches to Explore Molecular Diversity. <i>Hepatology</i> , 2021, 73, 14-26.	3.6	66
462	The emerging role of cell surface receptor and protein binding radiopharmaceuticals in cancer diagnostics and therapy. <i>Nuclear Medicine and Biology</i> , 2021, 92, 53-64.	0.3	5
463	Engineering in Medicine To Address the Challenge of Cancer Drug Resistance: From Micro- and Nanotechnologies to Computational and Mathematical Modeling. <i>Chemical Reviews</i> , 2021, 121, 3352-3389.	23.0	41
464	Single-Cell Transcriptomic Heterogeneity in Invasive Ductal and Lobular Breast Cancer Cells. <i>Cancer Research</i> , 2021, 81, 268-281.	0.4	28
465	Comprehensive genomic landscape and precision therapeutic approach in biliary tract cancers. <i>International Journal of Cancer</i> , 2021, 148, 702-712.	2.3	41
466	PAMOGK: a pathway graph kernel-based multiomics approach for patient clustering. <i>Bioinformatics</i> , 2021, 36, 5237-5246.	1.8	17
467	The tumour microenvironment and metabolism in renal cell carcinoma targeted or immune therapy. <i>Journal of Cellular Physiology</i> , 2021, 236, 1616-1627.	2.0	85
468	Image-based consensus molecular subtype (imCMS) classification of colorectal cancer using deep learning. <i>Gut</i> , 2021, 70, 544-554.	6.1	148
469	Machine learning based on clinico-biological features integrated 18F-FDG PET/CT radiomics for distinguishing squamous cell carcinoma from adenocarcinoma of lung. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1538-1549.	3.3	30
470	Quantitative Mapping of Glutathione within Intracranial Tumors through Interlocked MRI Signals of a Responsive Nanoprobe. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8130-8138.	7.2	57
471	Loss of Aurora Kinase Signaling Allows Lung Cancer Cells to Adopt Endoreplication and Form Polyploid Giant Cancer Cells That Resist Antimitotic Drugs. <i>Cancer Research</i> , 2021, 81, 400-413.	0.4	29
472	Dose-Response Relationship in Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: A Pooled Analysis of an Asian Liver Radiation Therapy Group Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 464-473.	0.4	24
473	The epigenetic basis of cellular heterogeneity. <i>Nature Reviews Genetics</i> , 2021, 22, 235-250.	7.7	163
474	Strategies for Delivering Nanoparticles across Tumor Blood Vessels. <i>Advanced Functional Materials</i> , 2021, 31, 2007363.	7.8	46
475	Breast cancer, screening and diagnostic tools: All you need to know. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 157, 103174.	2.0	55
476	TNFAIP8 drives metabolic reprogramming to promote prostate cancer cell proliferation. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 130, 105885.	1.2	5

#	ARTICLE	IF	CITATIONS
477	Development and clinical validation of a novel 9-gene prognostic model based on multi-omics in pancreatic adenocarcinoma. <i>Pharmacological Research</i> , 2021, 164, 105370.	3.1	33
478	Super enhancers define regulatory subtypes and cell identity in neuroblastoma. <i>Nature Cancer</i> , 2021, 2, 114-128.	5.7	73
479	Multifunctional microfluidic chip for cancer diagnosis and treatment. <i>Nanotheranostics</i> , 2021, 5, 73-89.	2.7	38
480	Quantitative Mapping of Glutathione within Intracranial Tumors through Interlocked MRI Signals of a Responsive Nanoprobe. <i>Angewandte Chemie</i> , 2021, 133, 8211-8219.	1.6	6
481	Tumor-permeated bioinspired theranostic nanovehicle remodels tumor immunosuppression for cancer therapy. <i>Biomaterials</i> , 2021, 269, 120609.	5.7	23
482	The prospects of tumor chemosensitivity testing at the single-cell level. <i>Drug Resistance Updates</i> , 2021, 54, 100741.	6.5	4
483	Towards multi-omics characterization of tumor heterogeneity: a comprehensive review of statistical and machine learning approaches. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	19
484	Targeted drug therapy in non-small cell lung cancer: Clinical significance and possible solutions-Part I. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 73-102.	2.4	13
486	Investigating Inter- and Intrasample Diversity of Single-Cell RNA Sequencing Datasets. <i>Methods in Molecular Biology</i> , 2021, 2194, 177-186.	0.4	4
487	Computer-aided drug repurposing for cancer therapy: Approaches and opportunities to challenge anticancer targets. <i>Seminars in Cancer Biology</i> , 2021, 68, 59-74.	4.3	64
488	The balance between breast cancer and the immune system: Challenges for prognosis and clinical benefit from immunotherapies. <i>Seminars in Cancer Biology</i> , 2021, 72, 76-89.	4.3	87
489	Hybrid system $\{W_{6\text{I}8}\}$ -cluster/dsDNA as an agent for targeted X-ray induced photodynamic therapy of cancer stem cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7499-7507.	3.2	13
490	Molecular mechanisms of YY1 overexpression in human cancers and its prognostic significance. , 2021, , 123-147.		0
491	Multi-parametric characterization of drug effects on cells. <i>F1000Research</i> , 2020, 9, 1199.	0.8	2
492	Ameliorative effect of recombinant human lactoferrin on the premature ovarian failure in rats after cyclophosphamide treatments. <i>Journal of Ovarian Research</i> , 2021, 14, 17.	1.3	16
493	Preoperative classification of primary and metastatic liver cancer via machine learning-based ultrasound radiomics. <i>European Radiology</i> , 2021, 31, 4576-4586.	2.3	50
494	CXCL3 Signaling in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1302, 15-24.	0.8	10
495	A Link-Based Ensemble Cluster Approach for Identification of Cell Types. <i>Lecture Notes in Computer Science</i> , 2021, , 645-654.	1.0	0

#	ARTICLE	IF	CITATIONS
496	A Phantom Study to Investigate Robustness and Reproducibility of Grey Level Co-Occurrence Matrix (GLCM)-Based Radiomics Features for PET. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 535.	1.3	6
497	Spatial proteomics for understanding the tissue microenvironment. <i>Analyst, The</i> , 2021, 146, 3777-3798.	1.7	21
498	The EUS molecular evaluation of pancreatic cancer: A prospective multicenter cohort trial. <i>Endoscopic Ultrasound</i> , 2021, 10, 335-343.	0.6	4
499	Magnetic Resonance Fingerprinting: Basic Concepts and Applications in Molecular Imaging. , 2021, , 1747-1758.		0
500	Prominence of urinary biomarkers for bladder cancer in the COVID-19 era: From the commercially available to new prospective candidates. <i>Investigative and Clinical Urology</i> , 2021, 62, 500.	1.0	4
501	Spatial confinement of chemically engineered cancer cells using large graphene oxide sheets: a new mode of cancer therapy. <i>Nanoscale Horizons</i> , 2021, 6, 979-986.	4.1	5
502	Advances in the development of personalized neoantigen-based therapeutic cancer vaccines. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 215-229.	12.5	486
504	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021, 17, 3361-3374.	4.3	116
505	Phosphorescent metal complexes as theranostic anticancer agents: combining imaging and therapy in a single molecule. <i>Chemical Science</i> , 2021, 12, 2357-2367.	3.7	79
506	Intracellular Ca <sup>2+</sup> + Imbalance Critically Contributes to Paraptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607844.	1.8	30
507	An Efficient and Easy-to-Use Network-Based Integrative Method of Multi-Omics Data for Cancer Genes Discovery. <i>Frontiers in Genetics</i> , 2020, 11, 613033.	1.1	7
508	The role of the PIK3CA gene in the development and aging of the brain. <i>Scientific Reports</i> , 2021, 11, 291.	1.6	3
509	Comprehensive Characterization of Immunological Profiles and Clinical Significance in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 574778.	1.3	4
510	Deciphering Tumor Heterogeneity in Hepatocellular Carcinoma (HCC)â€™Multi-Omic and Singulomic Approaches. <i>Seminars in Liver Disease</i> , 2021, 41, 009-018.	1.8	13
511	Heterogeneity in 2,6-Linked Sialic Acids Potentiates Invasion of Breast Cancer Epithelia. <i>ACS Central Science</i> , 2021, 7, 110-125.	5.3	22
512	PI3K-driven HER2 expression is a potential therapeutic target in colorectal cancer stem cells. <i>Gut</i> , 2022, 71, 119-128.	6.1	46
513	Cell and gene therapiesâ€™Emerging technologies and drug delivery systems for treating brain cancer. , 2021, , 431-446.		0
514	Targeting cancer stem cells with a pan-BCL-2 inhibitor in preclinical and clinical settings in patients with gastroesophageal carcinoma. <i>Gut</i> , 2021, 70, 2238-2248.	6.1	30

#	ARTICLE	IF	CITATIONS
515	A microfluidic device enabling deterministic single cell trapping and release. <i>Lab on A Chip</i> , 2021, 21, 2486-2494.	3.1	23
516	MET overexpression and intratumor heterogeneity in esophageal squamous cell carcinoma. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10877.	0.7	2
517	Therapeutic Approaches to Employ Monoclonal Antibody for Cancer Treatment. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 42-88.	0.1	0
518	The Emerging Role of Nerves and Glia in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 152.	1.7	25
519	Cancer recurrence and lethality are enabled by enhanced survival and reversible cell cycle arrest of polyaneploid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
520	Cisplatin resistance reversal in lung cancer by tumor acidity-activable vesicular nanoreactors via tumor oxidative stress amplification. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3055-3067.	2.9	8
521	Associated anisotropy of intrinsic NAD(P)H for monitoring changes in the metabolic activities of breast cancer cells (4T1) in three-dimensional collagen matrix. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12692-12705.	1.3	2
522	Exploring biomarkers and diagnostics system for cancer management. , 2021, , 35-41.		1
523	Revisiting immunogenic cell death to improve treatment response in cancer. , 2021, , 65-90.		4
524	Melatonin effect on hypoxia inducible factor-1a and clinical response in patients with oral squamous cell carcinoma receiving neoadjuvant chemotherapy: A randomized controlled trial. <i>Journal of Carcinogenesis</i> , 2021, 20, 5.	2.5	8
525	Systems biology and molecular characterization of subtypes to guide targeted therapies in gastric cancer. , 2021, , 259-288.		0
526	CHAPTER 6. Applications of Colloidal Nanocrystals. <i>RSC Nanoscience and Nanotechnology</i> , 2021, , 209-257.	0.2	0
527	of Incongruous Cancer Genomics and Proteomics Datasets. <i>Methods in Molecular Biology</i> , 2021, 2361, 291-305.	0.4	1
528	Three-dimensional imaging on a chip using optofluidics light-sheet fluorescence microscopy. <i>Lab on A Chip</i> , 2021, 21, 2945-2954.	3.1	24
529	Hyaluronan-based Multifunctional Nano-carriers for Combination Cancer Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 126-139.	1.0	12
530	High heterogeneity undermines generalization of differential expression results in RNA-Seq analysis. <i>Human Genomics</i> , 2021, 15, 7.	1.4	20
531	Drug combination and repurposing for cancer therapy: the example of breast cancer. <i>Heliyon</i> , 2021, 7, e05948.	1.4	48
532	Immobilized Droplet Arrays in Thermosetting Oil for Dynamic Proteolytic Assays of Single Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 6081-6090.	4.0	9

#	ARTICLE	IF	CITATIONS
533	A nanotherapeutic strategy to overcome chemotherapeutic resistance of cancer stem-like cells. <i>Nature Nanotechnology</i> , 2021, 16, 104-113.	15.6	143
534	Machine Learning Perspective in Cancer Research. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 142-163.	0.1	2
535	SSLP: Spatial Guided Self-supervised Learning on Pathological Images. <i>Lecture Notes in Computer Science</i> , 2021, , 3-12.	1.0	7
536	Clonal Architectures Predict Clinical Outcome in Gastric Adenocarcinoma Based on Genomic Variation, Tumor Evolution, and Heterogeneity. <i>Cell Transplantation</i> , 2021, 30, 096368972198960.	1.2	2
537	<i>PIK3CA</i> mutation detected by liquid biopsy in patients with metastatic breast cancer. <i>Journal of Nippon Medical School</i> , 2021, , .	0.3	5
538	Long non-coding RNA-based signature for predicting prognosis of hepatocellular carcinoma. <i>Bioengineered</i> , 2021, 12, 673-681.	1.4	10
540	Engineered Multifunctional Nano- and Biological Materials for Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001680.	3.9	17
542	Effects of Surface Protein Adsorption on the Distribution and Retention of Intratumorally Administered Gold Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 216.	2.0	10
543	HIF-Prolyl Hydroxylase Domain Proteins (PHDs) in Cancer—Potential Targets for Anti-Tumor Therapy?. <i>Cancers</i> , 2021, 13, 988.	1.7	16
544	Microfluidic Organoids-on-a-Chip: Quantum Leap in Cancer Research. <i>Cancers</i> , 2021, 13, 737.	1.7	49
545	Intratumoral heterogeneity in cancer progression and response to immunotherapy. <i>Nature Medicine</i> , 2021, 27, 212-224.	15.2	376
546	Antigenic Essence: Upgrade of Cellular Cancer Vaccines. <i>Cancers</i> , 2021, 13, 774.	1.7	6
547	Melanoma Single-Cell Biology in Experimental and Clinical Settings. <i>Journal of Clinical Medicine</i> , 2021, 10, 506.	1.0	5
548	Single-cell resolved imaging reveals intra-tumor heterogeneity in glycolysis, transitions between metabolic states, and their regulatory mechanisms. <i>Cell Reports</i> , 2021, 34, 108750.	2.9	68
549	Intrinsic growth heterogeneity of mouse leukemia cells underlies differential susceptibility to a growth-inhibiting anticancer drug. <i>PLoS ONE</i> , 2021, 16, e0236534.	1.1	9
550	The miR-181a-SFRP4 Axis Regulates Wnt Activation to Drive Stemness and Platinum Resistance in Ovarian Cancer. <i>Cancer Research</i> , 2021, 81, 2044-2055.	0.4	21
551	Prognostic Significance of Gene Expression and DNA Methylation Markers in Circulating Tumor Cells and Paired Plasma Derived Exosomes in Metastatic Castration Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 780.	1.7	40
552	Advances in Human Immune System Mouse Models for Personalized Treg-Based Immunotherapies. <i>Frontiers in Immunology</i> , 2021, 12, 643544.	2.2	7

#	ARTICLE	IF	CITATIONS
553	Nongenetic Evolution Drives Lung Adenocarcinoma Spatial Heterogeneity and Progression. <i>Cancer Discovery</i> , 2021, 11, 1490-1507.	7.7	67
554	The long non-coding RNA GHSROS reprograms prostate cancer cell lines toward a more aggressive phenotype. <i>PeerJ</i> , 2021, 9, e10280.	0.9	5
555	Molecular profiles of response to neoadjuvant chemoradiotherapy in oesophageal cancers to develop personalized treatment strategies. <i>Molecular Oncology</i> , 2021, 15, 901-914.	2.1	7
556	Cell differentiation trajectory predicts patient potential immunotherapy response and prognosis in gastric cancer. <i>Aging</i> , 2021, 13, 5928-5945.	1.4	18
557	Tumor Heterogeneity: A Great Barrier in the Age of Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 806.	1.7	67
558	Control of replication stress and mitosis in colorectal cancer stem cells through the interplay of PARP1, MRE11 and RAD51. <i>Cell Death and Differentiation</i> , 2021, 28, 2060-2082.	5.0	19
559	IFN $\gamma$ 1 secreted by breast cancer cells undergoing chemotherapy reprograms stromal fibroblasts to support tumour growth after treatment. <i>Molecular Oncology</i> , 2021, 15, 1308-1329.	2.1	9
560	High prevalence of clonal hematopoiesisâ€type genomic abnormalities in cellâ€free <scp>DNA</scp> in invasive gliomas after treatment. <i>International Journal of Cancer</i> , 2021, 148, 2839-2847.	2.3	19
561	Accurate single-cell genotyping utilizing information from the local genome territory. <i>Nucleic Acids Research</i> , 2021, 49, e57-e57.	6.5	2
562	Radiogenomics in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 973.	1.7	18
563	Targeting tumor lineage plasticity in hepatocellular carcinoma using an anti-CLDN6 antibody-drug conjugate. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	36
565	Overcoming biological barriers to improve solid tumor immunotherapy. <i>Drug Delivery and Translational Research</i> , 2021, 11, 2276-2301.	3.0	11
566	Comparison of three freeware software packages for 18F-FDG PET texture feature calculation. <i>Japanese Journal of Radiology</i> , 2021, 39, 710-719.	1.0	4
567	Lymphoma Heterogeneity Unraveled by Single-Cell Transcriptomics. <i>Frontiers in Immunology</i> , 2021, 12, 597651.	2.2	9
568	Towards in-vivo label-free detection of brain tumor margins with epi-illumination tomographic quantitative phase imaging. <i>Biomedical Optics Express</i> , 2021, 12, 1621.	1.5	24
569	Exosomes in cancer development. <i>Current Opinion in Genetics and Development</i> , 2021, 66, 83-92.	1.5	26
570	Nanodrug Delivery Systems Modulate Tumor Vessels to Increase the Enhanced Permeability and Retention Effect. <i>Journal of Personalized Medicine</i> , 2021, 11, 124.	1.1	68
571	Cellular heterogeneity and plasticity in liver cancer. <i>Seminars in Cancer Biology</i> , 2022, 82, 134-149.	4.3	58



#	ARTICLE	IF	CITATIONS
572	Updates on liquid biopsy: current trends and future perspectives for clinical application in solid tumors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1181-1200.	1.4	68
573	TACC3 is a prognostic biomarker for kidney renal clear cell carcinoma and correlates with immune cell infiltration and T cell exhaustion. <i>Aging</i> , 2021, 13, 8541-8562.	1.4	10
574	Personal Neoantigen Vaccines for the Treatment of Cancer. <i>Annual Review of Cancer Biology</i> , 2021, 5, 259-276.	2.3	13
575	Mutation analysis using cell-free DNA for endocrine therapy in patients with HR+ metastatic breast cancer. <i>Scientific Reports</i> , 2021, 11, 5566.	1.6	5
576	Liquid Biopsy for Prognosis and Treatment in Metastatic Colorectal Cancer: Circulating Tumor Cells vs Circulating Tumor DNA. <i>Targeted Oncology</i> , 2021, 16, 309-324.	1.7	14
577	Modifications of Plasma Membrane Organization in Cancer Cells for Targeted Therapy. <i>Molecules</i> , 2021, 26, 1850.	1.7	19
579	The Role of Network Science in Glioblastoma. <i>Cancers</i> , 2021, 13, 1045.	1.7	6
580	Drug Resistance Mechanisms on Colorectal Cancer. <i>Journal of Basic and Clinical Health Sciences</i> , 2021, 5, 88-93.	0.2	2
581	Drug penetration in pediatric brain tumors: Challenges and opportunities. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28983.	0.8	10
582	Clinical perspectives for the use of total body PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1712-1718.	3.3	12
583	Strategies for Cancer Treatment Based on Photonic Nanomedicine. <i>Materials</i> , 2021, 14, 1435.	1.3	17
584	Adaptive Enrichment Designs in Clinical Trials. <i>Annual Review of Statistics and Its Application</i> , 2021, 8, 393-411.	4.1	11
585	Precision Oncology, Signaling, and Anticancer Agents in Cancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 433-468.	0.9	7
587	Sequential and co-occurring DNA damage response genetic mutations impact survival in stage III colorectal cancer patients receiving adjuvant oxaliplatin-based chemotherapy. <i>BMC Cancer</i> , 2021, 21, 217.	1.1	9
588	Promises and challenges of adoptive T-cell therapies for solid tumours. <i>British Journal of Cancer</i> , 2021, 124, 1759-1776.	2.9	113
589	In silico optimization of cancer therapies with multiple types of nanoparticles applied at different times. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105886.	2.6	9
590	Mitochondrial impairments in aetiopathology of multifactorial diseases: common origin but individual outcomes in context of 3P medicine. <i>EPMA Journal</i> , 2021, 12, 27-40.	3.3	44
591	Functional 4-D clustering for characterizing intratumor heterogeneity in dynamic imaging: evaluation in FDG PET as a prognostic biomarker for breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3990-4001.	3.3	6

#	ARTICLE	IF	CITATIONS
593	Nanobiodevices for the Isolation of Circulating Nucleic Acid for Biomedical Applications. <i>Chemistry Letters</i> , 2021, 50, 1244-1253.	0.7	5
594	Deficiency of Ku Induces Host Cell Exploitation in Human Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651818.	1.8	3
595	Berberine inhibits chemotherapy-exacerbated ovarian cancer stem cell-like characteristics and metastasis through GLI1. <i>European Journal of Pharmacology</i> , 2021, 895, 173887.	1.7	9
596	Radiomics for the Prediction of Treatment Outcome and Survival in Patients With Colorectal Cancer: A Systematic Review. <i>Clinical Colorectal Cancer</i> , 2021, 20, 52-71.	1.0	66
597	Aptamer-Exosomes for Tumor Theranostics. <i>ACS Sensors</i> , 2021, 6, 1418-1429.	4.0	20
598	Group phenotypic composition in cancer. <i>ELife</i> , 2021, 10, .	2.8	18
599	Revisiting the Relationship Between Alzheimer's Disease and Cancer With a circRNA Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647197.	1.8	6
600	Applications of the Chick Chorioallantoic Membrane as an Alternative Model for Cancer Studies. <i>Cells Tissues Organs</i> , 2022, 211, 222-237.	1.3	40
601	When Tissue is an Issue the Liquid Biopsy is Nonissue: A Review. <i>Oncology and Therapy</i> , 2021, 9, 89-110.	1.0	36
602	The key roles of cancer stem cell-derived extracellular vesicles. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 109.	7.1	64
603	Injectable Adhesive Hydrogel as Photothermal-Derived Antigen Reservoir for Enhanced Anti-Tumor Immunity. <i>Advanced Functional Materials</i> , 2021, 31, 2010587.	7.8	54
604	Therapeutic and prognostic implications of NOTCH and MAPK signaling in bladder cancer. <i>Cancer Science</i> , 2021, 112, 1987-1996.	1.7	16
605	Horizons in Veterinary Precision Oncology: Fundamentals of Cancer Genomics and Applications of Liquid Biopsy for the Detection, Characterization, and Management of Cancer in Dogs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 664718.	0.9	21
606	Single-cell RNA sequencing reveals that targeting HSP90 suppresses PDAC progression by restraining mitochondrial bioenergetics. <i>Oncogenesis</i> , 2021, 10, 22.	2.1	9
607	How Do We Meet the Challenge of Chimeric Antigen Receptor T-Cell Therapy for Solid Tumors?. <i>Cancer Journal (Sudbury, Mass )</i> , 2021, 27, 134-142.	1.0	1
608	Establishment of Colorectal Cancer Organoids in Microfluidic-Based System. <i>Micromachines</i> , 2021, 12, 497.	1.4	21
609	Comprehensive analysis of genomic and immunological profiles in Chinese and Western hepatocellular carcinoma populations. <i>Aging</i> , 2021, 13, 11564-11594.	1.4	5
610	Next-Generation Sequencing with Liquid Biopsies from Treatment-Naïve Non-Small Cell Lung Carcinoma Patients. <i>Cancers</i> , 2021, 13, 2049.	1.7	20

#	ARTICLE	IF	CITATIONS
613	Meclofenamate causes loss of cellular tethering and decoupling of functional networks in glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1885-1897.	0.6	23
614	Next Generation Sequencing Technology in the Clinic and Its Challenges. <i>Cancers</i> , 2021, 13, 1751.	1.7	17
615	Higher Mutation Burden in High Proliferation Compartments of Heterogeneous Melanoma Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3886.	1.8	6
616	USP24 promotes drug resistance during cancer therapy. <i>Cell Death and Differentiation</i> , 2021, 28, 2690-2707.	5.0	12
617	The Prognostic Impact of HER2 Genetic and Protein Expression in Pancreatic Carcinoma—HER2 Protein and Gene in Pancreatic Cancer. <i>Diagnostics</i> , 2021, 11, 653.	1.3	15
618	Intratumor heterogeneity, microenvironment, and mechanisms of drug resistance in glioma recurrence and evolution. <i>Frontiers of Medicine</i> , 2021, 15, 551-561.	1.5	39
619	Identification of the Roles of a Stemness Index Based on mRNA Expression in the Prognosis and Metabolic Reprogramming of Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 643465.	1.3	7
620	Autophagy signals orchestrate chemoresistance of gynecological cancers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188525.	3.3	6
621	A combination of ssGSEA and mass cytometry identifies immune microenvironment in muscle-invasive bladder cancer. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23754.	0.9	9
622	Hows and Whys of Tumor-Seeking Dyes. <i>Accounts of Chemical Research</i> , 2021, 54, 2121-2131.	7.6	32
623	Liquid biopsy in NSCLC: a new challenge in radiation therapy. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , .	0.5	0
624	Clinical Experience and Recent Advances in the Development of Listeria-Based Tumor Immunotherapies. <i>Frontiers in Immunology</i> , 2021, 12, 642316.	2.2	32
625	Basic and Preclinical Research for Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 354.	1.1	8
626	Leveraging Single-Cell Approaches in Cancer Precision Medicine. <i>Trends in Cancer</i> , 2021, 7, 359-372.	3.8	18
627	Epigenome Chaos: Stochastic and Deterministic DNA Methylation Events Drive Cancer Evolution. <i>Cancers</i> , 2021, 13, 1800.	1.7	13
628	ctDNA-Based Liquid Biopsy of Cerebrospinal Fluid in Brain Cancer. <i>Cancers</i> , 2021, 13, 1989.	1.7	26
629	Feasibility of deep learning-based fully automated classification of microsatellite instability in tissue slides of colorectal cancer. <i>International Journal of Cancer</i> , 2021, 149, 728-740.	2.3	41
630	Intratumoral Cellular Heterogeneity: Implications for Drug Resistance in Patients with Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 2023.	1.7	8

#	ARTICLE	IF	CITATIONS
631	Metabolic Control by Heat Stress Determining Cell Fate to Ferroptosis for Effective Cancer Therapy. <i>ACS Nano</i> , 2021, 15, 7179-7194.	7.3	91
632	Equipping Natural Killer Cells with Cetuximab through Metabolic Glycoengineering and Bioorthogonal Reaction for Targeted Treatment of KRAS Mutant Colorectal Cancer. <i>ACS Chemical Biology</i> , 2021, 16, 724-730.	1.6	12
634	A Dual pH-Responsive DOX-Encapsulated Liposome Combined with Glucose Administration Enhanced Therapeutic Efficacy of Chemotherapy for Cancer. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3185-3199.	3.3	13
635	PROTACs: Promising Approaches for Epigenetic Strategies to Overcome Drug Resistance. <i>Current Cancer Drug Targets</i> , 2021, 21, 306-325.	0.8	4
636	Molecular landscape and subtype-specific therapeutic response of nasopharyngeal carcinoma revealed by integrative pharmacogenomics. <i>Nature Communications</i> , 2021, 12, 3046.	5.8	48
637	Chemokines orchestrate tumor cells and the microenvironment to achieve metastatic heterogeneity. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 447-476.	2.7	24
638	PLAU Promotes Cell Proliferation and Epithelial-Mesenchymal Transition in Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 651882.	1.1	30
639	CRISPR-Cas13 System as a Promising and Versatile Tool for Cancer Diagnosis, Therapy, and Research. <i>ACS Synthetic Biology</i> , 2021, 10, 1245-1267.	1.9	38
640	MGMT Epigenetics: The Influence of Gene Body Methylation and Other Insights Derived from Integrated Methyloomic, Transcriptomic, and Chromatin Analyses in Various Cancer Types. <i>Current Cancer Drug Targets</i> , 2021, 21, 360-374.	0.8	5
641	Long non-coding RNAs in brain tumors: roles and potential as therapeutic targets. <i>Journal of Hematology and Oncology</i> , 2021, 14, 77.	6.9	34
643	A Cancer Stem Cell Potent Copper(II) Complex with a <i>S</i> , <i>N</i> , <i>S</i> -Schiff base Ligand and Bathophenanthroline. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1770-1775.	1.0	9
645	A tipping point in cancer-immune dynamics leads to divergent immunotherapy responses and hampers biomarker discovery. , 2021, 9, e002032.		6
646	Epigenetic Mechanisms of Therapy Resistance in Diffuse Large B Cell Lymphoma (DLBCL). <i>Current Cancer Drug Targets</i> , 2021, 21, 274-282.	0.8	10
647	MesKit: a tool kit for dissecting cancer evolution of multi-region tumor biopsies through somatic alterations. <i>GigaScience</i> , 2021, 10, .	3.3	13
648	Rac1, A Potential Target for Tumor Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 674426.	1.3	42
649	Next Generation Sequencing in the Management of Leptomeningeal Metastases of Non-Small Cell Lung Cancer: A Case Report and Literature Review. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021, 16, 108-116.	0.8	2
650	Selective multiplexed enrichment for the detection and quantitation of low-fraction DNA variants via low-depth sequencing. <i>Nature Biomedical Engineering</i> , 2021, 5, 690-701.	11.6	27
651	Informing the new developments and future of cancer immunotherapy. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 549-562.	2.7	17

#	ARTICLE	IF	CITATIONS
653	Hybrid nanomaterials-based biomedical phototheranostic platforms. <i>Progress in Biomedical Engineering</i> , 2021, 3, 032001.	2.8	0
654	An insight into lung cancer: a comprehensive review exploring ALK TKI and mechanisms of resistance. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, , .	0.6	4
655	Making Sense of Genetic Information: The Promising Evolution of Clinical Stratification and Precision Oncology Using Machine Learning. <i>Genes</i> , 2021, 12, 722.	1.0	6
656	Data-Driven Mathematical Model of Osteosarcoma. <i>Cancers</i> , 2021, 13, 2367.	1.7	20
657	Multi-Site Tumour Sampling Improves the Detection of Intra-Tumour Heterogeneity in Oral and Oropharyngeal Squamous Cell Carcinoma. <i>Frontiers in Medicine</i> , 2021, 8, 670305.	1.2	6
658	GeromiRs Are Downregulated in the Tumor Microenvironment during Colon Cancer Colonization of the Liver in a Murine Metastasis Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4819.	1.8	5
659	Enrichment of Wee1/CDC2 and NF- $\kappa$ B Signaling Pathway Constituents Mutually Contributes to CDDP Resistance in Human Osteosarcoma. <i>Cancer Research and Treatment</i> , 2022, 54, 277-293.	1.3	8
660	The Multifaceted Nature of Nucleobindin-2 in Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5687.	1.8	8
661	Data Driven Mathematical Model of FOLFIRI Treatment for Colon Cancer. <i>Cancers</i> , 2021, 13, 2632.	1.7	14
663	A Potential Role for HUWE1 in Modulating Cisplatin Sensitivity. <i>Cells</i> , 2021, 10, 1262.	1.8	9
664	Exosomes and Cancer Stem Cells in Cancer Immunity: Current Reports and Future Directions. <i>Vaccines</i> , 2021, 9, 441.	2.1	8
665	A novel Lnc408 maintains breast cancer stem cell stemness by recruiting SP3 to suppress CBY1 transcription and increasing nuclear $\beta$ -catenin levels. <i>Cell Death and Disease</i> , 2021, 12, 437.	2.7	9
666	Metronomic Chemotherapy Modulates Clonal Interactions to Prevent Drug Resistance in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 2239.	1.7	15
667	Applying Artificial Intelligence to Gynecologic Oncology: A Review. <i>Obstetrical and Gynecological Survey</i> , 2021, 76, 292-301.	0.2	10
668	Metabolic reprogramming of antioxidant defense: a precision medicine perspective for radiotherapy of lung cancer?. <i>Biochemical Society Transactions</i> , 2021, 49, 1265-1277.	1.6	4
669	Are Adaptive Chemotherapy Schedules Robust? A Three-Strategy Stochastic Evolutionary Game Theory Model. <i>Cancers</i> , 2021, 13, 2880.	1.7	9
670	Oncogenetic network estimation with disjunctive Bayesian networks. <i>Computational and Systems Oncology</i> , 2021, 1, e1027.	1.1	5
672	An in vitro model of tumor heterogeneity resolves genetic, epigenetic, and stochastic sources of cell state variability. <i>PLoS Biology</i> , 2021, 19, e3000797.	2.6	21

#	ARTICLE	IF	CITATIONS
673	Machine learning-based prediction of survival prognosis in cervical cancer. BMC Bioinformatics, 2021, 22, 331.	1.2	18
674	Comparison of two multiplexed technologies for profiling >1,000 serum proteins that may associate with tumor burden. F1000Research, 2021, 10, 509.	0.8	6
675	Revealing nuclear receptor hub modules from Basal-like breast cancer expression networks. PLoS ONE, 2021, 16, e0252901.	1.1	0
676	Dual-Targeting and Stimuli-Triggered Liposomal Drug Delivery in Cancer Treatment. ACS Pharmacology and Translational Science, 2021, 4, 1028-1049.	2.5	39
677	Redefining cancer of unknown primary: Is precision medicine really shifting the paradigm?. Cancer Treatment Reviews, 2021, 97, 102204.	3.4	24
678	Correlation Between Circulating Tumor Cell DNA Genomic Alterations and Mesenchymal CTCs or CTC-Associated White Blood Cell Clusters in Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 686365.	1.3	5
679	Learning the Regulatory Code of Gene Expression. Frontiers in Molecular Biosciences, 2021, 8, 673363.	1.6	17
680	The European Union and personalised cancer medicine. European Journal of Cancer, 2021, 150, 95-98.	1.3	5
681	Fanconi anemia pathway and its relationship with cancer. Genome Instability & Disease, 2021, 2, 175-183.	0.5	4
682	Sp1-Induced FNBP1 Drives Rigorous 3D Cell Motility in EMT-Type Gastric Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 6784.	1.8	5
683	Simple Host-Guest Assembly for High-Resolution Magnetic Resonance Imaging of Microvasculature. ACS Applied Materials & Interfaces, 2021, 13, 27945-27954.	4.0	2
684	SeqStain is an efficient method for multiplexed, spatialomic profiling of human and murine tissues. Cell Reports Methods, 2021, 1, 100006.	1.4	7
685	Complementary Role of Circulating Tumor DNA Assessment and Tissue Genomic Profiling in Metastatic Renal Cell Carcinoma. Clinical Cancer Research, 2021, 27, 4807-4813.	3.2	9
686	Metabolic alterations mediated by STAT3 promotes drug persistence in CML. Leukemia, 2021, 35, 3371-3382.	3.3	19
687	Purification of a novel protein with cytotoxicity against non-small cell lung cancer cells from <i>Boletus bicolor</i> . Archiv Der Pharmazie, 2021, 354, e2100135.	2.1	4
688	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Anti-Proliferative Activity in Lung Cancer Cells. Angewandte Chemie - International Edition, 2021, 60, 17514-17521.	7.2	22
689	Linking Tumor Microenvironment to Plasticity of Cancer Stem Cells: Mechanisms and Application in Cancer Therapy. Frontiers in Oncology, 2021, 11, 678333.	1.3	33
690	Machine learning for perturbational single-cell omics. Cell Systems, 2021, 12, 522-537.	2.9	52

#	ARTICLE	IF	CITATIONS
691	Metronomic Therapy in Oral Squamous Cell Carcinoma. <i>Journal of Clinical Medicine</i> , 2021, 10, 2818.	1.0	5
692	Mass spectrometry imaging of L-[ring-13C6]-labeled phenylalanine and tyrosine kinetics in non-small cell lung carcinoma. <i>Cancer &amp; Metabolism</i> , 2021, 9, 26.	2.4	18
693	Differences in tumour heterogeneity based on dynamic contrast-enhanced MRI between tumour and peritumoural stroma for predicting Ki-67 status of invasive ductal carcinoma. <i>Clinical Radiology</i> , 2021, 76, 470.e13-470.e22.	0.5	1
694	Photodynamic creation of artificial tumor microenvironments to collectively facilitate hypoxia-activated chemotherapy delivered by coagulation-targeting liposomes. <i>Chemical Engineering Journal</i> , 2021, 414, 128731.	6.6	18
695	Probing low-copy-number proteins in single living cells using single-cell plasmonic immunosandwich assays. <i>Nature Protocols</i> , 2021, 16, 3522-3546.	5.5	23
697	Perspectives for circulating tumor DNA in clinical management of colorectal cancer. <i>International Journal of Clinical Oncology</i> , 2021, 26, 1420-1430.	1.0	3
698	Targeting Cancer Heterogeneity with Immune Responses Driven by Oncolytic Peptides. <i>Trends in Cancer</i> , 2021, 7, 557-572.	3.8	33
699	What Is New in Biomarker Testing at Diagnosis of Advanced Non-Squamous Non-Small Cell Lung Carcinoma? Implications for Cytology and Liquid Biopsy. <i>Journal of Molecular Pathology</i> , 2021, 2, 147-172.	0.5	9
700	Recognize the role of CD146/MCAM in the osteosarcoma progression: an in vitro study. <i>Cancer Cell International</i> , 2021, 21, 300.	1.8	4
701	Bivalent chromatin as a therapeutic target in cancer: An in silico predictive approach for combining epigenetic drugs. <i>PLoS Computational Biology</i> , 2021, 17, e1008408.	1.5	8
702	Remodeling tumor microenvironment with nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1730.	3.3	16
703	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Anti-Proliferative Activity in Lung Cancer Cells. <i>Angewandte Chemie</i> , 2021, 133, 17655-17662.	1.6	3
704	Inhibition of glutaminolysis in combination with other therapies to improve cancer treatment. <i>Current Opinion in Chemical Biology</i> , 2021, 62, 64-81.	2.8	39
705	Single-cell RNA-sequencing atlas reveals an MDK-dependent immunosuppressive environment in ErbB pathway-mutated gallbladder cancer. <i>Journal of Hepatology</i> , 2021, 75, 1128-1141.	1.8	66
706	Breast cancer heterogeneity through the lens of single-cell analysis and spatial pathologies. <i>Seminars in Cancer Biology</i> , 2022, 82, 3-10.	4.3	23
707	Detection of KRAS mutations in circulating tumour DNA from plasma and urine of patients with colorectal cancer. <i>European Journal of Surgical Oncology</i> , 2021, 47, 3151-3156.	0.5	14
708	Glycolytic inhibition with 3-bromopyruvate suppresses tumor growth and improves survival in a murine model of anaplastic thyroid cancer. <i>Surgery</i> , 2022, 171, 227-234.	1.0	10
709	The site of breast cancer metastases dictates their clonal composition and reversible transcriptomic profile. <i>Science Advances</i> , 2021, 7, .	4.7	23

#	ARTICLE	IF	CITATIONS
710	A Personalized Therapeutics Approach Using an In Silico Drosophila Patient Model Reveals Optimal Chemo- and Targeted Therapy Combinations for Colorectal Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 692592.	1.3	6
711	Target Heterogeneity in Oncology: The Best Predictor for Differential Response to Radioligand Therapy in Neuroendocrine Tumors and Prostate Cancer. <i>Cancers</i> , 2021, 13, 3607.	1.7	9
712	Genomic instability signals offer diagnostic possibility in early cancer detection. <i>Trends in Genetics</i> , 2021, 37, 966-972.	2.9	11
713	Therapeutic challenges at the preclinical level for targeted drug development for <i>Opisthorchis viverrini</i> -associated cholangiocarcinoma. <i>Expert Opinion on Investigational Drugs</i> , 2021, 30, 985-1006.	1.9	3
714	Combining liquid biopsy and radiomics for personalized treatment of lung cancer patients. State of the art and new perspectives. <i>Pharmacological Research</i> , 2021, 169, 105643.	3.1	13
715	Artificial intelligence for clinical oncology. <i>Cancer Cell</i> , 2021, 39, 916-927.	7.7	136
716	Comparison of Radiomic Features in a Diverse Cohort of Patients With Pancreatic Ductal Adenocarcinomas. <i>Frontiers in Oncology</i> , 2021, 11, 712950.	1.3	8
718	Understanding the cellular origin and progression of esophageal cancer using esophageal organoids. <i>Cancer Letters</i> , 2021, 509, 39-52.	3.2	31
719	Clinical and immunological characteristics of sarcomas patients with clonogenic tumors. <i>Immunobiology</i> , 2021, 226, 152094.	0.8	0
720	Precision Medicine and Triple-Negative Breast Cancer: Current Landscape and Future Directions. <i>Cancers</i> , 2021, 13, 3739.	1.7	27
721	Context-Dependent Roles of Claudins in Tumorigenesis. <i>Frontiers in Oncology</i> , 2021, 11, 676781.	1.3	14
722	Quantitative <i>In Vivo</i> Analyses Reveal a Complex Pharmacogenomic Landscape in Lung Adenocarcinoma. <i>Cancer Research</i> , 2021, 81, 4570-4580.	0.4	13
723	Hypoxia-activated prodrug derivatives of anti-cancer drugs: a patent review 2006 – 2021. <i>Expert Opinion on Therapeutic Patents</i> , 2022, 32, 1-12.	2.4	14
724	Special Issue – Precision Oncology in Melanoma Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7723.	1.8	0
725	CD133+/CD44+ prostate cancer stem cells exhibit embryo-like behavior patterns. <i>Acta Histochemica</i> , 2021, 123, 151743.	0.9	13
726	PhyICS: a Python library to explore scCNA data and quantify spatial tumor heterogeneity. <i>BMC Bioinformatics</i> , 2021, 22, 360.	1.2	1
727	Comprehensive analysis of partial methylation domains in colorectal cancer based on single-cell methylation profiles. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	7
728	Identification and Functional Characterization of Novel MYC-Regulated Long Noncoding RNAs in Group 3 Medulloblastoma. <i>Cancers</i> , 2021, 13, 3853.	1.7	4



#	ARTICLE	IF	CITATIONS
729	Degradation of CCNK/CDK12 is a druggable vulnerability of colorectal cancer. <i>Cell Reports</i> , 2021, 36, 109394.	2.9	41
730	Multi-Omics Integrative Bioinformatics Analyses Reveal Long Non-coding RNA Modulates Genomic Integrity via Competing Endogenous RNA Mechanism and Serves as Novel Biomarkers for Overall Survival in Lung Adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 691540.	1.8	4
731	<i>In Situ</i> Single Cell Proteomics Reveals Circulating Tumor Cell Heterogeneity during Treatment. <i>ACS Nano</i> , 2021, 15, 11231-11243.	7.3	47
732	3D Tumor Models for Breast Cancer: Whither We Are and What We Need. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3470-3486.	2.6	10
733	Angiogenesis and immune checkpoint dual blockade in combination with radiotherapy for treatment of solid cancers: opportunities and challenges. <i>Oncogenesis</i> , 2021, 10, 47.	2.1	24
734	Single-Cell Analyses Reveal Diverse Mechanisms of Resistance to EGFR Tyrosine Kinase Inhibitors in Lung Cancer. <i>Cancer Research</i> , 2021, 81, 4835-4848.	0.4	31
735	Integrating multi-omics data through deep learning for accurate cancer prognosis prediction. <i>Computers in Biology and Medicine</i> , 2021, 134, 104481.	3.9	68
736	HDAC Inhibitors: Dissecting Mechanisms of Action to Counter Tumor Heterogeneity. <i>Cancers</i> , 2021, 13, 3575.	1.7	35
737	Blood-Based Liquid Biopsy for Comprehensive Cancer Genomic Profiling Using Next-Generation Sequencing: An Emerging Paradigm for Non-invasive Cancer Detection and Management in Dogs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 704835.	0.9	13
738	The Association of the BRAF-V600E Mutation with the Expression of the Molecular Markers in the Primary Tumor and Metastatic Tissue in Papillary Thyroid Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 2017-2024.	0.5	5
739	Therapeutic potential of thymoquinone in combination therapy against cancer and cancer stem cells. <i>World Journal of Clinical Oncology</i> , 2021, 12, 522-543.	0.9	13
740	Cell-to-Cell Heterogeneity in Trypanosomes. <i>Annual Review of Microbiology</i> , 2021, 75, 107-128.	2.9	4
741	Mutational signatures: emerging concepts, caveats and clinical applications. <i>Nature Reviews Cancer</i> , 2021, 21, 619-637.	12.8	128
742	Development of a Selective Tumor-Targeted Drug Delivery System: Hydroxypropyl-Acrylamide Polymer-Conjugated Pirarubicin (P-THP) for Pediatric Solid Tumors. <i>Cancers</i> , 2021, 13, 3698.	1.7	5
743	Performance Comparisons of AlexNet and GoogleNet in Cell Growth Inhibition IC50 Prediction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7721.	1.8	9
744	Long Noncoding RNA MIR100HG Knockdown Attenuates Hepatocellular Carcinoma Progression by Regulating MicroRNA-146b-5p/Chromobox 6. <i>Gastroenterology Research and Practice</i> , 2021, 2021, 1-14.	0.7	9
745	The role of molecular heterogeneity targeting resistance mechanisms to lung cancer therapies. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 757-766.	1.5	4
747	Investigating Optimal Chemotherapy Options for Osteosarcoma Patients through a Mathematical Model. <i>Cells</i> , 2021, 10, 2009.	1.8	11

#	ARTICLE	IF	CITATIONS
748	CT texture analysis of tonsil cancer: Discrimination from normal palatine tonsils. PLoS ONE, 2021, 16, e0255835.	1.1	2
749	Effect of high variation in transcript expression on identifying differentially expressed genes in RNA-seq analysis. Annals of Human Genetics, 2021, 85, 235-244.	0.3	3
750	EBV latent membrane proteins promote hybrid epithelial-mesenchymal and extreme mesenchymal states of nasopharyngeal carcinoma cells for tumorigenicity. PLoS Pathogens, 2021, 17, e1009873.	2.1	13
752	Comparison of approaches to transcriptomic analysis in multi-sampled tumors. Briefings in Bioinformatics, 2021, 22, .	3.2	5
753	Comparative analysis of nuclear and mitochondrial DNA from tissue and liquid biopsies of colorectal cancer patients. Scientific Reports, 2021, 11, 16745.	1.6	13
754	Histone lysine demethylase 4B regulates general and unique gene expression signatures in hypoxic cancer cells. MedComm, 2021, 2, 414-429.	3.1	6
755	Fibroblast Activation Protein (FAP)-Targeted CAR-T Cells: Launching an Attack on Tumor Stroma. ImmunoTargets and Therapy, 2021, Volume 10, 313-323.	2.7	59
756	Predicting Molecular Phenotypes from Histopathology Images: A Transcriptome-Wide Expression-Morphology Analysis in Breast Cancer. Cancer Research, 2021, 81, 5115-5126.	0.4	32
757	Pushing the detection limits: strategies towards highly sensitive optical-based protein detection. Analytical and Bioanalytical Chemistry, 2021, 413, 5995-6011.	1.9	14
758	The somatic molecular evolution of cancer: Mutation, selection, and epistasis. Progress in Biophysics and Molecular Biology, 2021, 165, 56-65.	1.4	11
759	Modeling the effects of EMT-immune dynamics on carcinoma disease progression. Communications Biology, 2021, 4, 983.	2.0	3
761	The plasticity of pancreatic cancer stem cells: implications in therapeutic resistance. Cancer and Metastasis Reviews, 2021, 40, 691-720.	2.7	33
762	Next-generation sequencing of cancer genomes: lessons learned. Future Oncology, 2021, 17, 4041-4044.	1.1	1
763	The role of memory in non-genetic inheritance and its impact on cancer treatment resistance. PLoS Computational Biology, 2021, 17, e1009348.	1.5	11
764	Sour black mulberry ( <i>Morus nigra</i> L.) causes cell death by decreasing mutant p53 expression in HT-29 human colon cancer cells. Food Bioscience, 2021, 42, 101113.	2.0	18
765	Conifer: clonal tree inference for tumor heterogeneity with single-cell and bulk sequencing data. BMC Bioinformatics, 2021, 22, 416.	1.2	2
766	Joint total variation-based reconstruction of multiparametric magnetic resonance images for mapping tissue types. NMR in Biomedicine, 2021, 34, e4597.	1.6	1
767	Algorithmically Deduced FREM2 Molecular Pathway Is a Potent Grade and Survival Biomarker of Human Gliomas. Cancers, 2021, 13, 4117.	1.7	9

#	ARTICLE	IF	CITATIONS
768	Immune functions as a ligand or a receptor, cancer prognosis potential, clinical implication of VISTA in cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2022, 86, 1066-1075.	4.3	14
769	Landscape of Bone Marrow Metastasis in Human Neuroblastoma Unraveled by Transcriptomics and Deep Multiplex Imaging. <i>Cancers</i> , 2021, 13, 4311.	1.7	19
770	Coregulation of pathways in lung cancer patients with EGFR mutation: therapeutic opportunities. <i>British Journal of Cancer</i> , 2021, 125, 1602-1611.	2.9	25
771	Intratumor morphologic and transcriptomic heterogeneity in V600EBRAF-mutated metastatic colorectal adenocarcinomas. <i>ESMO Open</i> , 2021, 6, 100211.	2.0	4
772	Advances in Biomimetic Nanoparticles for Targeted Cancer Therapy and Diagnosis. <i>Molecules</i> , 2021, 26, 5052.	1.7	33
773	Breast Cancer Heterogeneity. <i>Diagnostics</i> , 2021, 11, 1555.	1.3	19
774	A review of surface-enhanced Raman spectroscopy in pathological processes. <i>Analytica Chimica Acta</i> , 2021, 1187, 338978.	2.6	16
775	Cancer evolution: Darwin and beyond. <i>EMBO Journal</i> , 2021, 40, e108389.	3.5	118
776	Radiomic Feature-Based Nomogram: A Novel Technique to Predict EGFR-Activating Mutations for EGFR Tyrosin Kinase Inhibitor Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 590937.	1.3	7
777	Gene-circuit therapy on the horizon: synthetic biology tools for engineered therapeutics. <i>Acta Biochimica Polonica</i> , 2021, 68, 377-383.	0.3	2
778	Long non-coding RNAs HERH-1 and HERH-4 facilitate cyclin A2 expression and accelerate cell cycle progression in advanced hepatocellular carcinoma. <i>BMC Cancer</i> , 2021, 21, 957.	1.1	7
779	Applications of Single-Cell DNA Sequencing. <i>Annual Review of Genomics and Human Genetics</i> , 2021, 22, 171-197.	2.5	43
780	Clinical Perspectives of Single-Cell RNA Sequencing. <i>Biomolecules</i> , 2021, 11, 1161.	1.8	11
781	The relevance of liquid biopsy in surgical oncology: The application of perioperative circulating nucleic acid dynamics in improving patient outcomes. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2021, , .	0.8	1
782	Next-generation cancer organoids. <i>Nature Materials</i> , 2022, 21, 143-159.	13.3	163
783	Diversity in cell differentiation, histology, phenotype and vasculature of mass-forming intrahepatic cholangiocarcinomas. <i>Histopathology</i> , 2021, 79, 731-750.	1.6	8
784	Generation of anisotropic strain dysregulates wild-type cell division at the interface between host and oncogenic tissue. <i>Current Biology</i> , 2021, 31, 3409-3418.e6.	1.8	9
785	Quantitative analysis of KLF4 and SOX2 expression in oral carcinomas reveals independent association with oral tongue subsite location and histological grade. <i>Cancer Biomarkers</i> , 2021, 32, 37-48.	0.8	1

#	ARTICLE	IF	CITATIONS
786	Local delivery of mRNA-encoded cytokines promotes antitumor immunity and tumor eradication across multiple preclinical tumor models. <i>Science Translational Medicine</i> , 2021, 13, eabc7804.	5.8	79
787	Recent Updates on Marine Cancer-Preventive Compounds. <i>Marine Drugs</i> , 2021, 19, 558.	2.2	15
788	Engineered Bifunctional Proteins for Targeted Cancer Therapy: Prospects and Challenges. <i>Advanced Materials</i> , 2021, 33, e2103114.	11.1	6
789	Approaches to monitor ATP levels in living cells: where do we stand?. <i>FEBS Journal</i> , 2022, 289, 7940-7969.	2.2	14
790	Darwinian Approaches for Cancer Treatment: Benefits of Mathematical Modeling. <i>Cancers</i> , 2021, 13, 4448.	1.7	13
791	Genomic temporal heterogeneity of circulating tumour DNA in unresectable metastatic colorectal cancer under first-line treatment. <i>Gut</i> , 2022, 71, 1340-1349.	6.1	17
792	Identification of Immune Function-Related Subtypes in Cutaneous Melanoma. <i>Life</i> , 2021, 11, 925.	1.1	2
794	Multiomic Analysis Reveals Comprehensive Tumor Heterogeneity and Distinct Immune Subtypes in Multifocal Intrahepatic Cholangiocarcinoma. <i>Clinical Cancer Research</i> , 2022, 28, 1896-1910.	3.2	24
795	The Immune Privilege of Cancer Stem Cells: A Key to Understanding Tumor Immune Escape and Therapy Failure. <i>Cells</i> , 2021, 10, 2361.	1.8	36
796	Triple negative breast cancer and non-small cell lung cancer: Clinical challenges and nano-formulation approaches. <i>Journal of Controlled Release</i> , 2021, 337, 27-58.	4.8	44
797	Hepatic Cancer Stem Cells: Molecular Mechanisms, Therapeutic Implications, and Circulating Biomarkers. <i>Cancers</i> , 2021, 13, 4550.	1.7	6
798	Microfluidic Single-Cell Proteomics Assay Chip: Lung Cancer Cell Line Case Study. <i>Micromachines</i> , 2021, 12, 1147.	1.4	1
799	Multiplex gene quantification as digital markers for extremely rapid evaluation of chemo-drug sensitivity. <i>Patterns</i> , 2021, 2, 100360.	3.1	4
800	Targeting cytokinesis bridge proteins to kill high-CIN type tumors. <i>Fundamental Research</i> , 2021, 1, 752-766.	1.6	5
801	Genomic and epigenomic evolution of acquired resistance to combination therapy in esophageal squamous cell carcinoma. <i>JCI Insight</i> , 2021, 6, .	2.3	7
802	Modulation of the tumor microenvironment (TME) by melatonin. <i>European Journal of Pharmacology</i> , 2021, 907, 174365.	1.7	46
803	A Fast Protocol for Multiparametric Characterisation of Diffusion in the Brain and Brain Tumours. <i>Frontiers in Oncology</i> , 2021, 11, 554205.	1.3	1
804	LentiRILES, a miRNA-ON sensor system for monitoring the functionality of miRNA in cancer biology and therapy. <i>RNA Biology</i> , 2021, 18, 198-214.	1.5	4

#	ARTICLE	IF	CITATIONS
805	Current Applications and Future Development of Magnetic Resonance Fingerprinting in Diagnosis, Characterization, and Response Monitoring in Cancer. <i>Cancers</i> , 2021, 13, 4742.	1.7	5
806	Insights into Mechanisms of Pheochromocytomas and Paragangliomas Driven by Known or New Genetic Drivers. <i>Cancers</i> , 2021, 13, 4602.	1.7	11
807	Transcriptional alterations of protein coding and noncoding RNAs in triple negative breast cancer in response to DNA methyltransferases inhibition. <i>Cancer Cell International</i> , 2021, 21, 515.	1.8	5
808	The Identification of Alternative Polyadenylation in Stomach Adenocarcinomas Using the Genotype-Tissue Expression Project and the Cancer Genome Atlas® Stomach Adenocarcinoma Profiles. <i>International Journal of General Medicine</i> , 2021, Volume 14, 6035-6045.	0.8	0
809	Therapeutic cancer vaccines revamping: technology advancements and pitfalls. <i>Annals of Oncology</i> , 2021, 32, 1537-1551.	0.6	36
810	A fatal affair: Circulating tumor cell relationships that shape metastasis. <i>IScience</i> , 2021, 24, 103073.	1.9	8
811	Single-cell DNA and RNA sequencing reveals the dynamics of intra-tumor heterogeneity in a colorectal cancer model. <i>BMC Biology</i> , 2021, 19, 207.	1.7	18
812	Engineered in vitro tumor models for cell-based immunotherapy. <i>Acta Biomaterialia</i> , 2021, 132, 345-359.	4.1	13
813	Glucose and Amino Acid Metabolic Dependencies Linked to Stemness and Metastasis in Different Aggressive Cancer Types. <i>Frontiers in Pharmacology</i> , 2021, 12, 723798.	1.6	13
814	Increased sensitivity to SMAC mimetic LCL161 identified by longitudinal ex vivo pharmacogenomics of recurrent, KRAS mutated rectal cancer liver metastases. <i>Journal of Translational Medicine</i> , 2021, 19, 384.	1.8	6
815	NK Cells Lose Their Cytotoxicity Function against Cancer Stem Cell-Rich Radiotherapy-Resistant Breast Cancer Cell Populations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9639.	1.8	7
816	Enzymatic non-covalent synthesis of supramolecular assemblies as a general platform for bioorthogonal prodrugs activation to combat drug resistance. <i>Biomaterials</i> , 2021, 277, 121119.	5.7	11
817	Genetic evolution to tyrosine kinase inhibitory therapy in patients with EGFR-mutated non-small-cell lung cancer. <i>British Journal of Cancer</i> , 2021, 125, 1561-1569.	2.9	4
818	Radiomics in Oncology: A Practical Guide. <i>Radiographics</i> , 2021, 41, 1717-1732.	1.4	139
819	Challenges and opportunities for artificial intelligence in oncological imaging. <i>Clinical Radiology</i> , 2021, 76, 728-736.	0.5	20
820	The Role of Pretreatment 18F-FDG PET/CT for Early Prediction of Neoadjuvant Chemotherapy Response in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4157-4166.	2.0	1
821	Exosomes in the Tumor Microenvironment: From Biology to Clinical Applications. <i>Cells</i> , 2021, 10, 2617.	1.8	33
822	Ewing's sarcoma of the hip: A case report with no evidence of tumor recurrence and literature review. <i>Bone Reports</i> , 2021, 15, 101131.	0.2	2

#	ARTICLE	IF	CITATIONS
823	Drug resistance in colorectal cancer: An epigenetic overview. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188623.	3.3	30
824	Bio-vehicles of cytotoxic drugs for delivery to tumor specific targets for cancer precision therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112260.	2.5	7
825	Implantable and long-lasting drug delivery systems for cancer treatment. , 2022, , 129-162.		2
826	Drug Response Prediction of Liver Cancer Cell Line Using Deep Learning. <i>Computers, Materials and Continua</i> , 2022, 70, 2743-2760.	1.5	3
828	Profiling of circulating tumor DNA and tumor tissue for treatment selection in patients with advanced and refractory carcinoma: a prospective, two-stage phase II Individualized Cancer Treatment trial. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592098765.	1.4	5
830	Kidney organoids as a promising tool in nephrology. <i>Genes and Diseases</i> , 2022, 9, 585-597.	1.5	5
831	Molecular Imaging of Immunity and Inflammation and Its Impact on Precision Medicine. <i>Biomedicines</i> , 2021, 9, 62.	1.4	0
832	Mixed response and mechanisms of resistance to larotrectinib in metastatic carcinoma ex pleomorphic adenoma of the parotid harboring an NTRK2 fusion. <i>Medicine (United States)</i> , 2021, 100, e24463.	0.4	3
833	Recent technical progress in sample preparation and liquid-phase separation-mass spectrometry for proteomic analysis of mass-limited samples. <i>Analytical Methods</i> , 2021, 13, 1214-1225.	1.3	16
834	Biomarker-responsive nanoprobe with aggregation-induced emission for locating and guiding resection of deep-seated tumors <i>via</i> optoacoustic and NIR fluorescence imaging. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1962-1970.	3.2	7
835	INCISOR: An Algorithm to Identify Synthetic Rescue Mediators of Resistance to Targeted and Immunotherapy. <i>Methods in Molecular Biology</i> , 2021, 2381, 203-215.	0.4	1
836	A Microstructure Model from Conventional Diffusion MRI of Meningiomas: Impact of Noise and Error Minimization. <i>Lecture Notes in Computer Science</i> , 2021, , 25-35.	1.0	1
837	A Systematic Review of Applications of Machine Learning in Cancer Prediction and Diagnosis. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 4875-4896.	6.0	24
838	CeDR Atlas: a knowledgebase of cellular drug response. <i>Nucleic Acids Research</i> , 2022, 50, D1164-D1171.	6.5	22
839	SomaMutDB: a database of somatic mutations in normal human tissues. <i>Nucleic Acids Research</i> , 2022, 50, D1100-D1108.	6.5	21
840	Single-cell dissection of intratumoral heterogeneity and lineage diversity in metastatic gastric adenocarcinoma. <i>Nature Medicine</i> , 2021, 27, 141-151.	15.2	134
841	Single Nucleotide Polymorphisms and Pharmacogenomics. , 2021, , 23-52.		0
842	Technological challenges of theranostics in oncology. , 2021, , 307-344.		2

#	ARTICLE	IF	CITATIONS
843	Microfluidics for early-stage cancer detection. , 2021, , 185-209.		0
844	Contemporary Perspectives on the Warburg Effect Inhibition in Cancer Therapy. <i>Cancer Control</i> , 2021, 28, 107327482110412.	0.7	28
845	Adriamycin-resistant cells are significantly less fit than adriamycin-sensitive cells in cervical cancer. <i>Open Life Sciences</i> , 2021, 16, 53-60.	0.6	0
846	Clinical implications of plasma ctDNA features and dynamics in gastric cancer treated with HER2-targeted therapies. <i>Clinical and Translational Medicine</i> , 2020, 10, e254.	1.7	23
847	Tumor Microenvironment "Selective Pressures Boosting Cancer Progression. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1219, 35-49.	0.8	16
848	Cancer Genomics in Precision Oncology: Applications, Challenges, and Prospects. , 2020, , 453-499.		9
849	Blockade of TLR4 using TAK-242 (resatorvid) enhances anti-cancer effects of chemotherapeutic agents: a novel synergistic approach for breast and ovarian cancers. <i>Immunologic Research</i> , 2019, 67, 505-516.	1.3	23
850	An Automated Organoid Platform with Inter-organoid Homogeneity and Inter-patient Heterogeneity. <i>Cell Reports Medicine</i> , 2020, 1, 100161.	3.3	51
851	Translational approaches to treating dynamical diseases through <i>in silico</i> clinical trials. <i>Chaos</i> , 2020, 30, 123128.	1.0	21
852	Prognostic significance of proteomics and multi-omics studies in renal carcinoma. <i>Expert Review of Proteomics</i> , 2020, 17, 323-334.	1.3	3
874	Association of metabolic and genetic heterogeneity in head and neck squamous cell carcinoma with prognostic implications: integration of FDG PET and genomic analysis. <i>EJNMMI Research</i> , 2019, 9, 97.	1.1	13
875	Malignant adenomyoepithelioma of the breast. <i>Surgical Case Reports</i> , 2020, 6, 118.	0.2	18
876	Investigating a novel multiplex proteomics technology for detection of changes in serum protein concentrations that may correlate to tumor burden. <i>F1000Research</i> , 2020, 9, 732.	0.8	2
877	Investigating a novel multiplex proteomics technology for detection of changes in serum protein concentrations that may correlate to tumor burden. <i>F1000Research</i> , 2020, 9, 732.	0.8	2
878	Volumetric stimulated Raman scattering imaging of cleared tissues towards three-dimensional chemical histopathology. <i>Biomedical Optics Express</i> , 2019, 10, 4329.	1.5	36
879	In Vitro Assessment of Cytokine Expression Profile of MCF-7 Cells in Response to hWJ-MSCs Secretome. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 649-654.	0.6	4
880	The Role of Peroxiredoxin Family in Cancer Signaling. <i>Journal of Cancer Prevention</i> , 2019, 24, 65-71.	0.8	36
881	Glioblastoma cell differentiation trajectory predicts the immunotherapy response and overall survival of patients. <i>Aging</i> , 2020, 12, 18297-18321.	1.4	29

#	ARTICLE	IF	CITATIONS
882	The combined efficacy of OTS964 and temozolomide for reducing the size of power-law coded heterogeneous glioma stem cell populations. <i>Oncotarget</i> , 2019, 10, 2397-2415.	0.8	4
883	Lipid and protein tumor markers for head and neck squamous cell carcinoma identified by imaging mass spectrometry. <i>Oncotarget</i> , 2020, 11, 2702-2717.	0.8	7
884	Gut microbiota: a new player in regulating immune- and chemo-therapy efficacy. , 2020, 3, 356-370.		15
885	Tumor heterogeneity in muscle-invasive bladder cancer. <i>Translational Andrology and Urology</i> , 2020, 9, 2866-2880.	0.6	11
886	Cancer Biomarker Discovery for Precision Medicine: New Progress. <i>Current Medicinal Chemistry</i> , 2020, 26, 7655-7671.	1.2	51
887	Understanding the Monoclonal Antibody Involvement in Targeting the Activation of Tumor Suppressor Genes. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1810-1823.	1.0	4
888	An Immune Gene-Related Five-lncRNA Signature for to Predict Glioma Prognosis. <i>Frontiers in Genetics</i> , 2020, 11, 612037.	1.1	24
889	The Progress of Multi-Omics Technologies: Determining Function in Lactic Acid Bacteria Using a Systems Level Approach. <i>Frontiers in Microbiology</i> , 2019, 10, 3084.	1.5	54
890	Integrating Liquid Biopsy and Radiomics to Monitor Clonal Heterogeneity of EGFR-Positive Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 593831.	1.3	25
891	Breast Cancer Organoids Model Patient-Specific Response to Drug Treatment. <i>Cancers</i> , 2020, 12, 3869.	1.7	43
892	Multiphase computed tomography radiomics of pancreatic intraductal papillary mucinous neoplasms to predict malignancy. <i>World Journal of Gastroenterology</i> , 2020, 26, 3458-3471.	1.4	34
893	Intratumoral heterogeneity of hepatocellular carcinoma: From single-cell to population-based studies. <i>World Journal of Gastroenterology</i> , 2020, 26, 3720-3736.	1.4	32
894	Prediction of clinically actionable genetic alterations from colorectal cancer histopathology images using deep learning. <i>World Journal of Gastroenterology</i> , 2020, 26, 6207-6223.	1.4	46
895	Benefits of using probiotics as adjuvants in anticancer therapy (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.4	18
896	Brain tumors: Cancer stem-like cells interact with tumor microenvironment. <i>World Journal of Stem Cells</i> , 2020, 12, 1439-1454.	1.3	3
897	Prognostic and Predictive Value of Blood Tumor Mutational Burden in Patients With Lung Cancer Treated With Docetaxel. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020, 18, 582-589.	2.3	10
898	Tumor organoids for cancer research and personalized medicine. <i>Cancer Biology and Medicine</i> , 2021, 18, 0-0.	1.4	7
899	Precision Medicine in Oncology: Glossary of Relevant Scientific Terms. <i>UNIPA Springer Series</i> , 2021, , 411-416.	0.1	0



#	ARTICLE	IF	CITATIONS
900	The Current Landscape of NKT Cell Immunotherapy and the Hills Ahead. <i>Cancers</i> , 2021, 13, 5174.	1.7	47
901	Clonal populations of a human TNBC model display significant functional heterogeneity and divergent growth dynamics in distinct contexts. <i>Oncogene</i> , 2022, 41, 112-124.	2.6	6
903	Magnetic resonance imaging-based texture analysis for the prediction of postoperative clinical outcome in uterine cervical cancer. <i>Abdominal Radiology</i> , 2022, 47, 352-361.	1.0	2
904	A Novel Averaging Principle Provides Insights in the Impact of Intratumoral Heterogeneity on Tumor Progression. <i>Mathematics</i> , 2021, 9, 2530.	1.1	1
905	Multi-scale Monte Carlo simulations of gold nanoparticle-induced DNA damages for kilovoltage X-ray irradiation in a xenograft mouse model using TOPAS-nBio. <i>Cancer Nanotechnology</i> , 2021, 12, .	1.9	9
906	Hurdles for the wide implementation of photoimmunotherapy. <i>Immunotherapy</i> , 2021, 13, 1427-1438.	1.0	8
908	Single-cell transcriptomics reveal the heterogeneity and dynamic of cancer stem-like cells during breast tumor progression. <i>Cell Death and Disease</i> , 2021, 12, 979.	2.7	11
909	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. <i>Nature Communications</i> , 2021, 12, 6130.	5.8	14
910	Calibration-free NGS quantitation of mutations below 0.01% VAF. <i>Nature Communications</i> , 2021, 12, 6123.	5.8	13
911	Landscape of prognostic signatures and immunogenomics of the AXL/GAS6 axis in renal cell carcinoma. <i>British Journal of Cancer</i> , 2021, 125, 1533-1543.	2.9	13
912	Orosomucoid 1 promotes epirubicin resistance in breast cancer by upregulating the expression of matrix metalloproteinases 2 and 9. <i>Bioengineered</i> , 2021, 12, 8822-8832.	1.4	11
913	Prostate zones and cancer: lost in transition?. <i>Nature Reviews Urology</i> , 2022, 19, 101-115.	1.9	25
914	Emerging Roles of Energy Metabolism in Ferroptosis Regulation of Tumor Cells. <i>Advanced Science</i> , 2021, 8, e2100997.	5.6	105
915	Epigenetic approaches for cervical neoplasia screening (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1481.	0.8	10
916	Tunicate-Inspired Photoactivatable Proteinic Nanobombs for Tumor-Adhesive Multimodal Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101212.	3.9	3
917	Comparing survival and treatment response of patients with acquired <sc>T790M</sc> mutation second-line osimertinib versus sequential treatment of chemotherapy followed by osimertinib: A real-world study. <i>Thoracic Cancer</i> , 2021, 12, 3263-3272.	0.8	2
918	Genetically Encoded Fluorescent Biosensors for Biomedical Applications. <i>Biomedicines</i> , 2021, 9, 1528.	1.4	8
919	Tumor-propagating side population cells are a dynamic subpopulation in undifferentiated pleomorphic sarcoma. <i>JCI Insight</i> , 2021, 6, .	2.3	0

#	ARTICLE	IF	CITATIONS
920	Quantifying ERK activity in response to inhibition of the BRAFV600E-MEK-ERK cascade using mathematical modelling. <i>British Journal of Cancer</i> , 2021, 125, 1552-1560.	2.9	6
921	Monitoring Nitric Oxide-Induced Hypoxic Tumor Radiosensitization by Radiation-Activated Nanoagents under BOLD/DWI Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5242-5254.	2.6	4
922	Computed tomography-based radiomic model predicts radiological response following stereotactic body radiation therapy in early-stage non-small-cell lung cancer and pulmonary oligo-metastases. <i>Radiation Oncology Journal</i> , 2021, 39, 254-264.	0.7	2
923	Preclinical pharmacology modeling of chimeric antigen receptor T therapies. <i>Current Opinion in Pharmacology</i> , 2021, 61, 49-61.	1.7	11
926	TRANSCRIPTOMIC ANALYSIS OF MELANOMA CELLS EXTRACTED FROM DIFFERENT SITES OF THE PRIMARY TUMOR. <i>Siberian Journal of Oncology</i> , 2018, 17, 59-66.	0.1	1
929	Melanoma Vaccines. , 2019, , 1-23.		0
931	CAR-T Therapy for Solid Tumors: Development of New Strategies. <i>Trends in Immunotherapy</i> , 2018, 2, .	0.2	1
942	The inhibitory effects of cisplatin&#x2013;radiation combination treatment on malignant osteosarcoma MG&#x2013;63 cells and BRCA1&#x2013;p53 pathways are more efficient than single treatments. <i>Oncology Letters</i> , 2019, 18, 6385-6396.	0.8	1
943	Tumor cell communication through EVs: new challenges and opportunities. <i>Trillium Extracellular Vesicles</i> , 2019, 1, 27-30.	0.1	0
948	Single-Cell Transcriptome Sequencing Using Microfluidics. , 2020, , 1-25.		0
949	Deciphering high risk molecular alterations in gastrointestinal malignancy utilizing an extreme outlier strategy. <i>Oncoscience</i> , 2020, 7, 26-29.	0.9	4
950	Dihydropyrimidinase&#x2013;related protein 5 controls glioblastoma stem cell characteristics as a biomarker of proneural&#x2013;subtype glioblastoma stem cells. <i>Oncology Letters</i> , 2020, 20, 1153-1162.	0.8	2
951	PET/CT-Guided Tissue Sampling in Patients With a Failed or Inconclusive CT-Guided Procedure. <i>Clinical Nuclear Medicine</i> , 2020, 45, 581-587.	0.7	1
952	Clinical case of long-term use of osimertinib in the treatment of EGFR mutation-positive lung adenocarcinoma. <i>Journal of Modern Oncology</i> , 2020, 22, 108-111.	0.1	0
954	Single-Cell Transcriptome Sequencing Using Microfluidics. , 2022, , 607-630.		0
955	Identification of stem cell-related subtypes and risk scoring for gastric cancer based on stem genomic profiling. <i>Stem Cell Research and Therapy</i> , 2021, 12, 563.	2.4	9
956	Neural is Fundamental: Neural Stemness as the Ground State of Cell Tumorigenicity and Differentiation Potential. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 37-55.	1.7	7
957	Simulating single-cell metabolism using a stochastic flux-balance analysis algorithm. <i>Biophysical Journal</i> , 2021, 120, 5231-5242.	0.2	8

#	ARTICLE	IF	CITATIONS
958	Single Cell Genomics. , 2022, , 521-538.		1
959	ParsVNN: parsimony visible neural networks for uncovering cancer-specific and drug-sensitive genes and pathways. NAR Genomics and Bioinformatics, 2021, 3, lqab097.	1.5	12
960	Nanoscale delivery of phytochemicals targeting CRISPR/Cas9 for cancer therapy. Phytomedicine, 2021, 94, 153830.	2.3	2
961	Individualized Proteogenomics Reveals the Mutational Landscape of Melanoma Patients in Response to Immunotherapy. Cancers, 2021, 13, 5411.	1.7	1
962	Cancer survival prognosis with Deep Bayesian Perturbation Cox Network. Computers in Biology and Medicine, 2022, 141, 105012.	3.9	9
963	Spatially resolved transcriptomics reveals the architecture of the tumor-microenvironment interface. Nature Communications, 2021, 12, 6278.	5.8	112
964	Targeted Therapies in Cancer: To Be or Not to Be, Selective. Biomedicines, 2021, 9, 1591.	1.4	15
965	The Microenvironment of Tongue Cancer. Advances in Experimental Medicine and Biology, 2020, 1296, 49-78.	0.8	1
966	Basic Biology of Brain Metastasis. , 2020, , 19-35.		0
967	Identification of a 6-Gene Signature Associated with Resistance to Tyrosine Kinase Inhibitors: Prognosis for Clear Cell Renal Cell Carcinoma. Medical Science Monitor, 2020, 26, e927078.	0.5	2
968	Single-cell systems analysis: decision geometry in outliers. Bioinformatics, 2021, 37, 1747-1755.	1.8	0
969	Resistance to anaplastic lymphoma kinase inhibitors: knowing the enemy is half the battle won. Translational Lung Cancer Research, 2020, 9, 2545-2556.	1.3	13
970	In Situ Therapeutic Response Imaging through Quantification of Drug Distribution and Proteomic Response. , 2021, , .		0
971	Beyond liquid biopsy: Toward non-invasive assays for distanced cancer diagnostics in pandemics. Biosensors and Bioelectronics, 2022, 196, 113698.	5.3	23
972	Next generation immunotherapy: enhancing stemness of polyclonal T cells to improve anti-tumor activity. Current Opinion in Immunology, 2022, 74, 39-45.	2.4	13
973	Melanoma Vaccines. , 2020, , 1243-1265.		0
974	Nanocarrier drug resistant tumor interactions: novel approaches to fight drug resistance in cancer. , 2021, 4, 264-297.		5
975	CHAPTER 10. Applications for Mass Spectrometry-based Proteomics and Phosphoproteomics in Precision Medicine. RSC Detection Science, 2020, , 191-222.	0.0	0

#	ARTICLE	IF	CITATIONS
976	ROS and Oxidative Stress in Cancer: Recent Advances. , 2020, , 109-138.		3
977	Tumor Heterogeneity: Challenges and Perspectives for Gastrointestinal Cancer Therapy. Diagnostics and Therapeutic Advances in GI Malignancies, 2020, , 1-15.	0.2	0
978	Analytical Challenges of Next-generation Sequencing in Precision Medicine. RSC Detection Science, 2020, , 153-168.	0.0	0
984	Automated Deep Lineage Tree Analysis Using a Bayesian Single Cell Tracking Approach. Frontiers in Computer Science, 2021, 3, .	1.7	44
985	Rapamycin enhances the anti-tumor activity of cabozantinib in cMet inhibitor-resistant hepatocellular carcinoma. Frontiers of Medicine, 2022, 16, 467-482.	1.5	4
986	Genome Instability and Long Noncoding RNA Reveal Biomarkers for Immunotherapy and Prognosis and Novel Competing Endogenous RNA Mechanism in Colon Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 740455.	1.8	6
988	Single-Cell Transcriptomic Analysis Revealed a Critical Role of SPP1/CD44-Mediated Crosstalk Between Macrophages and Cancer Cells in Glioma. Frontiers in Cell and Developmental Biology, 2021, 9, 779319.	1.8	31
991	Epithelial to Mesenchymal Transition: Key Regulator of Pancreatic Ductal Adenocarcinoma Progression and Chemoresistance. Cancers, 2021, 13, 5532.	1.7	25
992	Pillar[6]arene-Based Supramolecular Nanocatalysts for Synergistically Enhanced Chemodynamic Therapy by the Intracellular Cascade Reaction. ACS Applied Materials & Interfaces, 2021, 13, 53574-53585.	4.0	15
993	Adaptation to Chronic-Cycling Hypoxia Renders Cancer Cells Resistant to MTH1-Inhibitor Treatment Which Can Be Counteracted by Glutathione Depletion. Cells, 2021, 10, 3040.	1.8	9
998	Multi-parametric characterization of drug effects on cells. F1000Research, 2020, 9, 1199.	0.8	2
1005	Case report: 16-yr life history and genomic evolution of an ER <sup>+</sup> HER2 <sup>+</sup> breast cancer. Journal of Physical Education and Sports Management, 2020, 6, a005629.	0.5	1
1006	Evidence for context-dependent functions of KDM5B in prostate development and prostate cancer. Oncotarget, 2020, 11, 4243-4252.	0.8	10
1007	<sup>137</sup> Cs $\gamma$ Ray and <sup>28</sup> Si Irradiation Induced Murine Hepatocellular Carcinoma Lipid Changes in Liver Assessed by MALDI-MSI Combined with Spatial Shrunken Centroid Clustering Algorithm: A Pilot Study. ACS Omega, 2020, 5, 25164-25174.	1.6	1
1008	Cole Relaxation Frequency as a Prognostic Parameter for Breast Cancer. Journal of Patient-centered Research and Reviews, 2020, 7, 343-348.	0.6	0
1009	Twelve unanswered questions in cancer inspired by the life and work of Leland Chung: "if this is true, what does it imply?". American Journal of Clinical and Experimental Urology, 2021, 9, 254-260.	0.4	0
1010	Arsenite-loaded albumin nanoparticles for targeted synergistic chemo-photothermal therapy of HCC. Biomaterials Science, 2021, 10, 243-257.	2.6	11
1011	A novel C-terminal heat shock protein 90 inhibitor that overcomes STAT3-Wnt- $\beta$ -catenin signaling-mediated drug resistance and adverse effects. Theranostics, 2022, 12, 105-125.	4.6	23

#	ARTICLE	IF	CITATIONS
1012	The Origins of Phenotypic Heterogeneity in Cancer. <i>Cancer Research</i> , 2022, 82, 3-11.	0.4	10
1013	Autophagy regulates the cancer stem cell phenotype of head and neck squamous cell carcinoma through the noncanonical FOXO3/SOX2 axis. <i>Oncogene</i> , 2022, 41, 634-646.	2.6	17
1014	Circulating tumor cells in colorectal cancer in the era of precision medicine. <i>Journal of Molecular Medicine</i> , 2022, 100, 197-213.	1.7	12
1015	Bringing precision oncology to cellular resolution with single-cell genomics. <i>Clinical and Experimental Metastasis</i> , 2021, , 1.	1.7	1
1016	A Portrait of Intratumoral Genomic and Transcriptomic Heterogeneity at Single-Cell Level in Colorectal Cancer. <i>Medicina (Lithuania)</i> , 2021, 57, 1257.	0.8	5
1017	Impact of docetaxel plus ramucirumab in a secondâ€line setting after chemoimmunotherapy in patients with nonâ€smallâ€cell lung cancer: A retrospective study. <i>Thoracic Cancer</i> , 2022, 13, 173-181.	0.8	10
1018	Identification of Pan-Cancer Biomarkers Based on the Gene Expression Profiles of Cancer Cell Lines. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 781285.	1.8	13
1019	A novel biguanide (IM1761065) inhibits bioenergetics of glioblastoma tumorspheres. <i>Journal of Neuro-Oncology</i> , 2022, 156, 139-151.	1.4	2
1020	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles <i>&lt;i&gt;In Vivo&lt;/i&gt;</i> . <i>ACS Nano</i> , 2021, 15, 19956-19969.	7.3	19
1021	Advancements in 3D Cell Culture Systems for Personalizing Anti-Cancer Therapies. <i>Frontiers in Oncology</i> , 2021, 11, 782766.	1.3	29
1022	Deciphering intratumoral heterogeneity using integrated clonal tracking and single-cell transcriptome analyses. <i>Nature Communications</i> , 2021, 12, 6522.	5.8	19
1023	Emerging Approaches for Solid Tumor Treatment Using CAR-T Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12126.	1.8	8
1024	Single-Cell Transcriptomics Reveals the Expression of Aging- and Senescence-Associated Genes in Distinct Cancer Cell Populations. <i>Cells</i> , 2021, 10, 3126.	1.8	18
1025	The Biophysics of Cancer: Emerging Insights from Microâ€and Nanoscale Tools. <i>Advanced NanoBiomed Research</i> , 2022, 2, 2100056.	1.7	9
1026	DNM1: A Prognostic Biomarker Associated with Immune Infiltration in Colon Cancerâ€A Study Based on TCGA Database. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	4
1027	Imaging and dosimetry for alpha-particle emitter radiopharmaceutical therapy: improving radiopharmaceutical therapy by looking into the black box. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 18-29.	3.3	15
1028	Wholeâ€Cellâ€Mimicking Carrierâ€Free Nanovaccines Amplify Immune Responses Against Cancer and Bacterial Infection. <i>Advanced Functional Materials</i> , 2022, 32, 2108917.	7.8	12
1029	Analysis at the single-cell level indicates an important role of heterogeneous global DNA methylation status on the progression of lung adenocarcinoma. <i>Scientific Reports</i> , 2021, 11, 23337.	1.6	7

#	ARTICLE	IF	CITATIONS
1030	3D Printed Personalized Medicine for Cancer: Applications for Betterment of Diagnosis, Prognosis and Treatment. <i>AAPS PharmSciTech</i> , 2022, 23, 8.	1.5	25
1031	Dual therapeutic strategy targeting tumor cells and tumor microenvironment in triple-negative breast cancer. <i>Journal of Cancer Research and Practice</i> , 2020, 7, 139.	0.2	1
1032	Novel omics technology driving translational research in precision oncology. <i>Advances in Genetics</i> , 2021, 108, 81-145.	0.8	3
1033	PARP Inhibitors: Mechanism of Action. , 2021, , 281-292.		0
1034	A Darwinian perspective on tumor immune evasion. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188671.	3.3	6
1035	Multifaceted role of chemokines in solid tumors: From biology to therapy. <i>Seminars in Cancer Biology</i> , 2022, 86, 1105-1121.	4.3	26
1036	Advancement of Single-Cell Sequencing in Medulloblastoma. <i>Methods in Molecular Biology</i> , 2022, 2423, 65-83.	0.4	0
1037	Emerging vaccine nanotechnology: From defense against infection to sniping cancer. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2206-2223.	5.7	52
1038	A transcriptional biosensor to monitor single cancer cell therapeutic responses by bioluminescence microscopy. <i>Theranostics</i> , 2022, 12, 474-492.	4.6	3
1039	LACE: Inference of cancer evolution models from longitudinal single-cell sequencing data. <i>Journal of Computational Science</i> , 2022, 58, 101523.	1.5	14
1040	Suicide gene therapy in cancer and HIV-1 infection: An alternative to conventional treatments. <i>Biochemical Pharmacology</i> , 2022, 197, 114893.	2.0	8
1041	Cole Relaxation Frequency as a Prognostic Parameter for Breast Cancer. <i>Journal of Patient-centered Research and Reviews</i> , 2020, 7, 343-348.	0.6	1
1042	A closed-loop optimization framework for personalized cancer therapy design. , 2020, , .		1
1043	Microfluidic Surgery in Single Cells and Multicellular Systems. <i>Chemical Reviews</i> , 2022, 122, 7097-7141.	23.0	11
1044	Halvade somatic: Somatic variant calling with Apache Spark. <i>GigaScience</i> , 2022, 11, .	3.3	2
1045	Single-cell transcriptome profiling reveals intra-tumoral heterogeneity in human chordomas. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 2185-2195.	2.0	14
1046	Cancer Therapy by Silver Nanoparticles: Fiction or Reality?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 839.	1.8	54
1047	A mathematical model for phenotypic heterogeneity in breast cancer with implications for therapeutic strategies. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210803.	1.5	9

#	ARTICLE	IF	CITATIONS
1048	Nanoparticle delivery of a triple-action Pt(IV) prodrug to overcome cisplatin resistance via synergistic effect. <i>Biomaterials Science</i> , 2021, 10, 153-157.	2.6	6
1049	Role of hepatic metastatic lesion size on inter-reader reproducibility of CT-based radiomics features. <i>European Radiology</i> , 2022, 32, 4025-4033.	2.3	10
1050	Prognostic Implication and Oncogenic Role of PNPO in Pan-Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 763674.	1.8	9
1051	2-Hydroxyglutarate destabilizes chromatin regulatory landscape and lineage fidelity to promote cellular heterogeneity. <i>Cell Reports</i> , 2022, 38, 110220.	2.9	8
1052	Transcriptome analysis reveals upregulation of immune response pathways at the invasive tumour front of metastatic seminoma germ cell tumours. <i>British Journal of Cancer</i> , 2022, 126, 937-947.	2.9	8
1053	Tumour mutational burden predicts resistance to EGFR/BRAF blockade in BRAF-mutated microsatellite stable metastatic colorectal cancer. <i>European Journal of Cancer</i> , 2022, 161, 90-98.	1.3	13
1054	From Microenvironment Remediation to Novel Anti-Cancer Strategy: The Emergence of Zero Valent Iron Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 99.	2.0	3
1055	Use of SRS microscopy for imaging drugs. , 2022, , 403-419.		3
1057	Designing HDAC-PROTACs: lessons learned so far. <i>Future Medicinal Chemistry</i> , 2022, 14, 143-166.	1.1	22
1058	Targeting Cancer with CRISPR/Cas9-Based Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 573.	1.8	18
1059	Spatial omics: Navigating to the golden era of cancer research. <i>Clinical and Translational Medicine</i> , 2022, 12, e696.	1.7	53
1060	Longitudinal Monitoring of Intra-Tumoural Heterogeneity Using Optical Barcoding of Patient-Derived Colorectal Tumour Models. <i>Cancers</i> , 2022, 14, 581.	1.7	4
1061	Three-dimensional (3D) scaffolds as powerful weapons for tumor immunotherapy. <i>Bioactive Materials</i> , 2022, 17, 300-319.	8.6	21
1062	Network biology and artificial intelligence drive the understanding of the multidrug resistance phenotype in cancer. <i>Drug Resistance Updates</i> , 2022, 60, 100811.	6.5	13
1063	Advanced techniques for gene heterogeneity research: Single-cell sequencing and on-chip gene analysis systems. <i>View</i> , 2022, 3, .	2.7	9
1064	Network models of prostate cancer immune microenvironments identify ROMO1 as heterogeneity and prognostic marker. <i>Scientific Reports</i> , 2022, 12, 192.	1.6	8
1065	Single-Cell RNA Sequencing in Lung Cancer: Revealing Phenotype Shaping of Stromal Cells in the Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 802080.	2.2	19
1066	Thieno[2,3-d]pyrimidine-2,4(1H,3H)-dione Derivative Inhibits Dopachrome Tautomerase Activity and Suppresses the Proliferation of Non-Small Cell Lung Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2059-2077.	2.9	14

#	ARTICLE	IF	CITATIONS
1067	A physical mechanism of heterogeneity and micro-metastasis in stem cell, cancer and cancer stem cell. <i>Journal of Chemical Physics</i> , 2022, 156, 075103.	1.2	0
1068	CellDART: cell type inference by domain adaptation of single-cell and spatial transcriptomic data. <i>Nucleic Acids Research</i> , 2022, 50, e57-e57.	6.5	33
1070	Metal-free bioorthogonal click chemistry in cancer theranostics. <i>Chemical Society Reviews</i> , 2022, 51, 1336-1376.	18.7	76
1071	Multi-Regional Sequencing Analysis Reveals Extensive Genetic Heterogeneity in Gastric Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1072	Single-cell biology uncovers apoptotic cell death and its spatial organization as a potential modifier of tumor diversity in HCC. <i>Hepatology</i> , 2022, 76, 599-611.	3.6	8
1073	Physical Cytometry: Detecting Mass-Related Properties of Single Cells. <i>ACS Sensors</i> , 2022, 7, 21-36.	4.0	3
1074	The Correlation between YAP and RhoA Expression in Prostate and Ovarian Tumor Stroma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 281-285.	0.5	0
1075	Carbonic anhydrase IX: A tumor acidification switch in heterogeneity and chemokine regulation. <i>Seminars in Cancer Biology</i> , 2022, 86, 899-913.	4.3	30
1077	Targeting the gp130/STAT3 Axis Attenuates Tumor Microenvironment Mediated Chemoresistance in Group 3 Medulloblastoma Cells. <i>Cells</i> , 2022, 11, 381.	1.8	7
1079	Influence of <i>Helicobacter pylori</i> infection on PD-1/PD-L1 blockade therapy needs more attention. <i>Helicobacter</i> , 2022, 27, e12878.	1.6	15
1080	BRAF V600E mutations in right-side colon cancer: Heterogeneity detected by liquid biopsy. <i>European Journal of Surgical Oncology</i> , 2022, 48, 1375-1383.	0.5	6
1081	A Novel In Situ Dendritic Cell Vaccine Triggered by Rose Bengal Enhances Adaptive Antitumour Immunity. <i>Journal of Immunology Research</i> , 2022, 2022, 1-17.	0.9	3
1082	Nanoparticles in Clinical Translation for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1685.	1.8	91
1083	Perspectives d'utilisation clinique de la tomographie par émission de positons grand-champ (TEP-GC). <i>Medecine Nucleaire</i> , 2022, , .	0.2	0
1084	Identification of neoantigens for individualized therapeutic cancer vaccines. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 261-282.	21.5	173
1085	Multielectrode biosensor chip for spatial resolution screening of 3D cell models based on microcavity arrays. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114010.	5.3	2
1086	Regulation of Tumor Invasion by the Physical Microenvironment: Lessons from Breast and Brain Cancer. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 29-59.	5.7	11
1088	Known allosteric proteins have central roles in genetic disease. <i>PLoS Computational Biology</i> , 2022, 18, e1009806.	1.5	2



#	ARTICLE	IF	CITATIONS
1089	Reckoning apigenin and kaempferol as a potential multi-targeted inhibitor of EGFR/HER2-MEK pathway of metastatic colorectal cancer identified using rigorous computational workflow. <i>Molecular Diversity</i> , 2022, 26, 3337-3356.	2.1	6
1090	Early Predictor Tool of Disease Using Label-Free Liquid Biopsy-Based Platforms for Patient-Centric Healthcare. <i>Cancers</i> , 2022, 14, 818.	1.7	6
1091	2D profiling of tumor chemotactic and molecular phenotype at single cell resolution using a SERS-microfluidic chip. <i>Nano Research</i> , 2022, 15, 4357-4365.	5.8	7
1092	Bioinspired Electron Polarization of Nanozymes with a Human Self-Generated Electric Field for Cancer Catalytic Therapy. <i>Advanced Materials</i> , 2022, 34, e2109568.	11.1	54
1093	Chemokines network in bone metastasis: Vital regulators of seeding and soiling. <i>Seminars in Cancer Biology</i> , 2022, 86, 457-472.	4.3	10
1094	Lysophosphatidic Acid Promotes the Expansion of Cancer Stem Cells via TRPC3 Channels in Triple-Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1967.	1.8	7
1095	Single cell RNA sequencing reveals differentiation related genes with drawing implications in predicting prognosis and immunotherapy response in gliomas. <i>Scientific Reports</i> , 2022, 12, 1872.	1.6	0
1096	Assessing Tumor-Infiltrating Lymphocytes in Breast Cancer: A Proposal for Combining Immunohistochemistry and Gene Expression Analysis to Refine Scoring. <i>Frontiers in Immunology</i> , 2022, 13, 794175.	2.2	13
1097	Development of antigen-prediction algorithm for personalized neoantigen vaccine using human leukocyte antigen transgenic mouse. <i>Cancer Science</i> , 2022, , .	1.7	4
1098	Head-to-head evaluation of [18F]FDG and [68Ga]Ga-DOTA-FAPI-04 PET/CT in recurrent soft tissue sarcoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2889-2901.	3.3	27
1099	Correlation between 18F-FDG PET/CT intra-tumor metabolic heterogeneity parameters and KRAS mutation in colorectal cancer. <i>Abdominal Radiology</i> , 2022, 47, 1255-1264.	1.0	6
1100	The Past, Present, and Future of Clinically Applied Chimeric Antigen Receptor-T-Cell Therapy. <i>Pharmaceuticals</i> , 2022, 15, 207.	1.7	5
1101	Nuclear Transport Factor 2 (NTF2) suppresses WM983B metastatic melanoma by modifying cell migration, metastasis, and gene expression. <i>Scientific Reports</i> , 2021, 11, 23586.	1.6	6
1102	Does CCL19 act as a double-edged sword in cancer development?. <i>Clinical and Experimental Immunology</i> , 2022, 207, 164-175.	1.1	28
1103	Emerging Nano-Based Strategies Against Drug Resistance in Tumor Chemotherapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 798882.	2.0	23
1104	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 7: PD-L1 Expression in Liquid Biopsy. <i>Journal of Personalized Medicine</i> , 2021, 11, 1312.	1.1	6
1105	A novel role of tumor suppressor ZMYND8 in inducing differentiation of breast cancer cells through its dual-histone binding function. <i>Journal of Biosciences</i> , 2020, 45, .	0.5	1
1107	MEK1/2 regulates APOBEC3B and polymerase iota-induced mutagenesis in head and neck cancer cells. <i>American Journal of Cancer Research</i> , 2021, 11, 5581-5590.	1.4	0

#	ARTICLE	IF	CITATIONS
1108	Prognosis-Related Molecular Subtypes and Immune Features Associated with Hepatocellular Carcinoma. SSRN Electronic Journal, 0, , .	0.4	0
1109	Epigenetic Inheritance From Normal Origin Cells Can Determine the Aggressive Biology of Tumor-Initiating Cells and Tumor Heterogeneity. Cancer Control, 2022, 29, 107327482210781.	0.7	2
1110	Implications of genetic heterogeneity in hepatocellular cancer. Advances in Cancer Research, 2022, , 103-135.	1.9	5
1111	Enhancing Scanning Electrochemical Microscopy's Potential to Probe Dynamic Co-Culture Systems via Hyperspectral Assisted-Imaging. Analyst, The, 2022, , .	1.7	3
1112	Role of Circulating Tumor DNA Profiling in Patients with Non-Small Cell Lung Cancer Treated with EGFR Inhibitor. Oncology, 2022, 100, 228-237.	0.9	2
1113	EMT-mediated regulation of CXCL1/5 for resistance to anti-EGFR therapy in colorectal cancer. Oncogene, 2022, 41, 2026-2038.	2.6	13
1114	Biomarkers expression among paired serous ovarian cancer primary lesions and their peritoneal cavity metastases in treatment-naïve patients: A single-center study. Cancer Medicine, 2022, 11, 2193-2203.	1.3	6
1115	A Self-Checking-pH/Viscosity-Activatable NIR-Fluorophore Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	42
1116	Assessing Tumour Haemodynamic Heterogeneity and Response to Choline Kinase Inhibition Using Clustered Dynamic Contrast Enhanced MRI Parameters in Rodent Models of Glioblastoma. Cancers, 2022, 14, 1223.	1.7	3
1117	Current Status of CRISPR/Cas9 Application in Clinical Cancer Research: Opportunities and Challenges. Cancers, 2022, 14, 947.	1.7	17
1118	A Self-Checking-pH/Viscosity-Activatable NIR-Fluorophore Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. Angewandte Chemie, 2022, 134, .	1.6	2
1119	Carbonic Anhydrase Inhibitors Featuring a Porphyrin Scaffold: Synthesis, Optical and Biological Properties. European Journal of Organic Chemistry, 2022, 2022, .	1.2	3
1121	Akt/mTOR Activation in Lung Cancer Tumorigenic Regulators and Their Potential Value as Biomarkers. Onco, 2022, 2, 36-55.	0.2	3
1122	Using Omics to Study Leprosy, Tuberculosis, and Other Mycobacterial Diseases. Frontiers in Cellular and Infection Microbiology, 2022, 12, 792617.	1.8	7
1123	Challenges in the Use of Targeted Therapies in Non-Small Cell Lung Cancer. Cancer Research and Treatment, 2022, 54, 315-329.	1.3	17
1124	Lipid-Laden Macrophages and Inflammation in Atherosclerosis and Cancer: An Integrative View. Frontiers in Cardiovascular Medicine, 2022, 9, 777822.	1.1	21
1125	QuatCy-1 and MHI-2 in Photodynamic Therapy. ACS Medicinal Chemistry Letters, 2022, 13, 470-474.	1.3	3
1126	Artificial intelligence to identify genetic alterations in conventional histopathology. Journal of Pathology, 2022, 257, 430-444.	2.1	49

#	ARTICLE	IF	CITATIONS
1127	Serum NSE is Early Marker of Transformed Neuroendocrine Tumor After EGFR-TKI Treatment of Lung Adenocarcinoma. <i>Cancer Management and Research</i> , 2022, Volume 14, 1293-1302.	0.9	0
1128	SIK2 maintains breast cancer stemness by phosphorylating LRP6 and activating Wnt/ $\beta$ 2-catenin signaling. <i>Oncogene</i> , 2022, 41, 2390-2403.	2.6	8
1129	Mechanical transmission enables EMT cancer cells to drive epithelial cancer cell migration to guide tumor spheroid disaggregation. <i>Science China Life Sciences</i> , 2022, 65, 2031-2049.	2.3	13
1130	Intraoperative fluorescence molecular imaging accelerates the coming of precision surgery in China. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2531-2543.	3.3	16
1131	CRISPR based therapeutics: a new paradigm in cancer precision medicine. <i>Molecular Cancer</i> , 2022, 21, 85.	7.9	15
1132	Breaking Immunosuppressive Barriers by Engineered Nanoplatfoms for Turning Cold Tumor to Hot. <i>Advanced Therapeutics</i> , 2022, 5, .	1.6	3
1133	Pan-cancer analysis revealed the significance of the GTPBP family in cancer. <i>Aging</i> , 2022, 14, 2558-2573.	1.4	2
1134	Deciphering Tumour Heterogeneity: From Tissue to Liquid Biopsy. <i>Cancers</i> , 2022, 14, 1384.	1.7	33
1135	A text-based computational framework for patient -specific modeling for classification of cancers. <i>IScience</i> , 2022, 25, 103944.	1.9	7
1136	MEK1/2 inhibition transiently alters the tumor immune microenvironment to enhance immunotherapy efficacy against head and neck cancer. , 2022, 10, e003917.		19
1137	Linking the genotypes and phenotypes of cancer cells in heterogenous populations via real-time optical tagging and image analysis. <i>Nature Biomedical Engineering</i> , 2022, 6, 667-675.	11.6	12
1138	Cytoskeletal dynamics regulates stromal invasion behavior of distinct liver cancer subtypes. <i>Communications Biology</i> , 2022, 5, 202.	2.0	8
1139	Artificial Nanoplatelets Depend on Size for Precisely Inducing Thrombosis in Tumor Vessels. <i>Small Methods</i> , 2022, 6, e2101474.	4.6	2
1140	Radiomics signature from [18F]FDG PET images for prognosis predication of primary gastrointestinal diffuse large B cell lymphoma. <i>European Radiology</i> , 2022, 32, 5730-5741.	2.3	6
1141	Osteoclasts differential-related prognostic biomarker for osteosarcoma based on single cell, bulk cell and gene expression datasets. <i>BMC Cancer</i> , 2022, 22, 288.	1.1	9
1142	Identification of CT Imaging Phenotypes of Colorectal Liver Metastases from Radiomics Signaturesâ€”Towards Assessment of Interlesional Tumor Heterogeneity. <i>Cancers</i> , 2022, 14, 1646.	1.7	13
1143	Multimodality Advanced Cardiovascular and Molecular Imaging for Early Detection and Monitoring of Cancer Therapy-Associated Cardiotoxicity and the Role of Artificial Intelligence and Big Data. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 829553.	1.1	11
1144	Mycobacterial surface characters remodeled by growth conditions drive different tumor-infiltrating cells and systemic IFN- $\beta$ /IL-17 release in bladder cancer treatment. <i>Oncolmmunology</i> , 2022, 11, 2051845.	2.1	3

#	ARTICLE	IF	CITATIONS
1145	Generation of Tumor-Specific Cytotoxic T Cells From Blood via In Vitro Expansion Using Autologous Dendritic Cells Pulsed With Neoantigen-Coupled Microbeads. <i>Frontiers in Oncology</i> , 2022, 12, 866763.	1.3	2
1146	Effect of CRISPR/Cas9-Edited PD-1/PD-L1 on Tumor Immunity and Immunotherapy. <i>Frontiers in Immunology</i> , 2022, 13, 848327.	2.2	11
1147	Patterns of indolence in prostate cancer (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 351.	0.8	5
1148	Simulating the Dynamic Intra-Tumor Heterogeneity and Therapeutic Responses. <i>Cancers</i> , 2022, 14, 1645.	1.7	2
1149	The profile of expression of the scaffold protein SG2NA(s) differs between cancer types and its interactome in normal vis-a-vis breast tumor tissues suggests its wide roles in regulating multiple cellular pathways. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1653-1668.	1.4	3
1150	Cancer vaccines as promising immuno-therapeutics: platforms and current progress. <i>Journal of Hematology and Oncology</i> , 2022, 15, 28.	6.9	216
1151	Aurora kinase blockade drives de novo addiction of cervical squamous cell carcinoma to druggable EGFR signalling. <i>Oncogene</i> , 2022, 41, 2326-2339.	2.6	3
1152	Integrating mutational and nonmutational mechanisms of acquired therapy resistance within the Darwinian paradigm. <i>Trends in Cancer</i> , 2022, 8, 456-466.	3.8	6
1153	In situ antigen modification-based target-redirectioned universal chimeric antigen receptor T (TRUE) Tj ETQq0 0 0 rgBT/QOverlock 9,10 Tf 50 4	6.9	9
1155	Clinical utility of PDX cohorts to reveal biomarkers of intrinsic resistance and clonal architecture changes underlying acquired resistance to cetuximab in HNSCC. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 73.	7.1	9
1156	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion. <i>Nature Communications</i> , 2022, 13, 1511.	5.8	77
1157	Creation and Development of Patient-Derived Organoids for Therapeutic Screening in Solid Cancer. <i>Current Stem Cell Reports</i> , 2022, 8, 107-117.	0.7	2
1158	Dual Effect of Immune Cells within Tumour Microenvironment: Pro- and Anti-Tumour Effects and Their Triggers. <i>Cancers</i> , 2022, 14, 1681.	1.7	64
1160	Key Prognostic Value of Lysosomal Protein Transmembrane 5 in Kidney Renal Clear Cell Carcinoma. <i>International Journal of General Medicine</i> , 2022, Volume 15, 2515-2527.	0.8	0
1161	Single-cell analysis of circulating tumour cells: enabling technologies and clinical applications. <i>Trends in Biotechnology</i> , 2022, 40, 1041-1060.	4.9	16
1162	Technologies to Assess Drug Response and Heterogeneity in Patient-Derived Cancer Organoids. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 157-177.	5.7	10
1163	Application of Organoids in Carcinogenesis Modeling and Tumor Vaccination. <i>Frontiers in Oncology</i> , 2022, 12, 855996.	1.3	2
1164	Safety, Feasibility, and Merits of Longitudinal Molecular Testing of Multiple Metastatic Sites to Inform mTNBC Patient Treatment in the Intensive Trial of Omics in Cancer. <i>JCO Precision Oncology</i> , 2022, 6, e2100280.	1.5	1

#	ARTICLE	IF	CITATIONS
1165	Looking for a Simplified Diagnostic Model to Identify Potentially Lethal Cases of Prostate Cancer at Initial Diagnosis: An ImGO Pilot Study. <i>Cancers</i> , 2022, 14, 1542.	1.7	4
1166	Treacherous apoptosis—Cancer cells sacrifice themselves at the altar of heterogeneity. <i>Hepatology</i> , 2022, 76, 549-550.	3.6	4
1167	Exosomal DEK removes chemoradiotherapy resistance by triggering quiescence exit of breast cancer stem cells. <i>Oncogene</i> , 2022, 41, 2624-2637.	2.6	8
1168	The role of extracellular vesicles in the transfer of drug resistance competences to cancer cells. <i>Drug Resistance Updates</i> , 2022, 62, 100833.	6.5	29
1169	Effect of combining CBD with standard breast cancer therapeutics. <i>Advances in Cancer Biology Metastasis</i> , 2022, , 100038.	1.1	1
1170	An acetylated mannan isolated from Aloe vera induce colorectal cancer cells apoptosis via mitochondrial pathway. <i>Carbohydrate Polymers</i> , 2022, 291, 119464.	5.1	13
1171	Integrating computational pathology and proteomics to address tumor heterogeneity. <i>Journal of Pathology</i> , 2022, 257, 445-453.	2.1	9
1172	MRI radiomics independent of clinical baseline characteristics and neoadjuvant treatment modalities predicts response to neoadjuvant therapy in rectal cancer. <i>British Journal of Cancer</i> , 2022, 127, 249-257.	2.9	20
1173	Harnessing Rift Valley fever virus NSs gene for cancer gene therapy. <i>Cancer Gene Therapy</i> , 2022, 29, 1477-1486.	2.2	2
1174	Quantum dots based in-vitro co-culture cancer model for identification of rare cancer cell heterogeneity. <i>Scientific Reports</i> , 2022, 12, 5868.	1.6	4
1175	A new nomogram model for prognosis of hepatocellular carcinoma based on novel gene signature that regulates cross-talk between immune and tumor cells. <i>BMC Cancer</i> , 2022, 22, 379.	1.1	4
1177	Tumor-activated carrier-free prodrug nanoparticles for targeted cancer Immunotherapy: Preclinical evidence for safe and effective drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114177.	6.6	67
1178	Low-metastatic melanoma cells acquire enhanced metastatic capability via exosomal transfer of miR-199a-1-5p from highly metastatic melanoma cells. <i>Cell Death Discovery</i> , 2022, 8, 188.	2.0	6
1179	Bioorthogonal chemistry and illumination controlled programmed size-changeable nanomedicine for synergistic photodynamic and hypoxia-activated therapy. <i>Biomaterials</i> , 2022, 284, 121480.	5.7	13
1180	Disclosing the antitumour potential of the marine bromoditerpene sphaerococcenol A on distinct cancer cellular models. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112886.	2.5	4
1181	Identification of potential biomarkers for digestive system cancers from serum-derived extracellular vesicle RNA. <i>Clinica Chimica Acta</i> , 2022, 531, 36-47.	0.5	2
1182	De novo individualized disease modules reveal the synthetic penetrance of genes and inform personalized treatment regimens. <i>Genome Research</i> , 2022, 32, 124-134.	2.4	4
1183	Delineation of colorectal cancer ligand-receptor interactions and their roles in the tumor microenvironment and prognosis. <i>Journal of Translational Medicine</i> , 2021, 19, 497.	1.8	7

#	ARTICLE	IF	CITATIONS
1184	Comparative Study on the Efficacy and Exposure of Molecular Target Agents in Non-small Cell Lung Cancer PDX Models with Driver Genetic Alterations. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 359-370.	1.9	3
1186	Predicting heterogeneity in clone-specific therapeutic vulnerabilities using single-cell transcriptomic signatures. <i>Genome Medicine</i> , 2021, 13, 189.	3.6	20
1187	Identification of Neoadjuvant Chemotherapy Response in Muscle-Invasive Bladder Cancer by Fourier-Transform Infrared Micro-Imaging. <i>Cancers</i> , 2022, 14, 21.	1.7	0
1188	HBV-HCC treatment with mRNA electroporated HBV-TCR T cells. <i>Immunotherapy Advances</i> , 2022, 2, .	1.2	3
1189	Cell-of-Origin and Genetic, Epigenetic, and Microenvironmental Factors Contribute to the Intra-Tumoral Heterogeneity of Pediatric Intracranial Ependymoma. <i>Cancers</i> , 2021, 13, 6100.	1.7	4
1190	Statistical tests for intra-tumour clonal co-occurrence and exclusivity. <i>PLoS Computational Biology</i> , 2021, 17, e1009036.	1.5	6
1191	Impact of cancer metabolism on therapy resistance – Clinical implications. <i>Drug Resistance Updates</i> , 2021, 59, 100797.	6.5	43
1192	An AAV gene therapy computes over multiple cellular inputs to enable precise targeting of multifocal hepatocellular carcinoma in mice. <i>Science Translational Medicine</i> , 2021, 13, eabh4456.	5.8	3
1193	Integration of Genomic Profiling and Organoid Development in Precision Oncology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 216.	1.8	1
1194	Identification of Subtypes and a Prognostic Gene Signature in Colon Cancer Using Cell Differentiation Trajectories. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 705537.	1.8	7
1195	Therapeutic strategies of glioblastoma (GBM): The current advances in the molecular targets and bioactive small molecule compounds. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1781-1804.	5.7	27
1196	Nanoparticle-Based RNAi Therapeutics Targeting Cancer Stem Cells: Update and Prospective. <i>Pharmaceutics</i> , 2021, 13, 2116.	2.0	16
1197	Comprehensive analysis of spatial architecture in primary liver cancer. <i>Science Advances</i> , 2021, 7, eabg3750.	4.7	113
1198	Novel prediction model of gastric cancer distant metastases based on ensemble deep learning. , 2022, , .		0
1199	Materials-Driven Approaches to Understand Extrinsic Drug Resistance in Cancer. <i>Soft Matter</i> , 2022, , .	1.2	0
1200	Multifunctional nanoparticles co-loaded with Adriamycin and MDR-targeting siRNAs for treatment of chemotherapy-resistant esophageal cancer. <i>Journal of Nanobiotechnology</i> , 2022, 20, 166.	4.2	16
1201	Celastrol Induces Apoptosis and Autophagy via the AKT/mTOR Signaling Pathway in the Pituitary ACTH-secreting Adenoma Cells. <i>Current Medical Science</i> , 2022, 42, 387-396.	0.7	5
1202	A novel classification method for NSCLC based on the background interaction network and the edge-perturbation matrix. <i>Aging</i> , 2022, 14, 3155-3174.	1.4	2

#	ARTICLE	IF	CITATIONS
1204	The Clinically Actionable Molecular Profile of Early versus Late-Stage Non-Small Cell Lung Cancer, an Individual Age and Sex Propensity-Matched Pair Analysis. <i>Current Oncology</i> , 2022, 29, 2630-2643.	0.9	2
1205	Immune correlates of clinical parameters in patients with HPV-associated malignancies treated with bintrafusp alfa. , 2022, 10, e004601.		8
1206	Targeting non-coding RNAs to overcome cancer therapy resistance. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 121.	7.1	114
1207	Emerging Nanotherapeutic Approaches to Overcome Drug Resistance in Cancers with Update on Clinical Trials. <i>Pharmaceutics</i> , 2022, 14, 866.	2.0	17
1208	DualGCN: a dual graph convolutional network model to predict cancer drug response. <i>BMC Bioinformatics</i> , 2022, 23, 129.	1.2	7
1209	Establishment of a Prognostic Model of Lung Adenocarcinoma Based on Tumor Heterogeneity. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 807497.	1.6	6
1210	Use of piggyBac Transposon System Constructed Murine Breast Cancer Model for Reporter Gene Imaging and Characterization of Metastatic Tumor Cells. <i>Journal of Medical and Biological Engineering</i> , 2022, 42, 341-350.	1.0	0
1211	Genetic perturbations go spatial. <i>Cell Genomics</i> , 2022, 2, 100120.	3.0	0
1212	Are Cancer Stem Cells a Suitable Target for Breast Cancer Immunotherapy?. <i>Frontiers in Oncology</i> , 2022, 12, 877384.	1.3	4
1213	A Selective $\beta$ -Catenin/Metadherin/CEACAM1/CCL3 Axis Mediates Metastatic Heterogeneity upon Tumor-Macrophage Interaction. <i>Advanced Science</i> , 2022, , 2103230.	5.6	8
1214	Deep Neural Networks and Machine Learning Radiomics Modelling for Prediction of Relapse in Mantle Cell Lymphoma. <i>Cancers</i> , 2022, 14, 2008.	1.7	14
1215	Liquid biopsy for early diagnosis of non-small cell lung carcinoma: recent research and detection technologies. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188729.	3.3	13
1246	Nanoprobes for Visualization of Cancer Pathology <i>in Vivo</i> . <i>Acta Chimica Sinica</i> , 2022, 80, 805.	0.5	4
1247	MRI-based radiomics to compare the survival benefit of induction chemotherapy plus concurrent chemoradiotherapy versus concurrent chemoradiotherapy plus adjuvant chemotherapy in locoregionally advanced nasopharyngeal carcinoma: A multicenter study. <i>Radiotherapy and Oncology</i> , 2022, 171, 107-113.	0.3	3
1248	Heterogeneity of the tumor immune microenvironment and its clinical relevance. <i>Experimental Hematology and Oncology</i> , 2022, 11, 24.	2.0	40
1249	Combined therapy with cisplatin and 5-AZA-2CdR modifies methylation and expression of DNA repair genes in oral squamous cell carcinoma.. <i>International Journal of Clinical and Experimental Pathology</i> , 2022, 15, 131-144.	0.5	0
1250	Patient-derived organoids as a model for tumor research. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 259-326.	0.9	2
1251	Tumor heterogeneity reshapes the tumor microenvironment to influence drug resistance. <i>International Journal of Biological Sciences</i> , 2022, 18, 3019-3033.	2.6	54

#	ARTICLE	IF	CITATIONS
1252	Engaging Pattern Recognition Receptors in Solid Tumors to Generate Systemic Antitumor Immunity. <i>Cancer Treatment and Research</i> , 2022, 183, 91-129.	0.2	1
1253	Identification and Validation of a Gene Signature for Lower-Grade Gliomas Based on Pyroptosis-Related Genes to Predict Survival and Response to Immune Checkpoint Inhibitors. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-17.	1.1	11
1254	A Weakly Supervised Clustering Method for Cancer Subgroup Identification. <i>Balkan Journal of Electrical and Computer Engineering</i> , 2022, 10, 178-186.	0.4	0
1256	Development and characterization of new tools for detecting poly(ADP-ribose) in vitro and in vivo. <i>ELife</i> , 2022, 11, .	2.8	12
1258	Differential Epigenetic Effects of BMI Inhibitor PTC-028 on Fusion-Positive Rhabdomyosarcoma Cell Lines from Distinct Metastatic Sites. <i>Regenerative Engineering and Translational Medicine</i> , 2022, 8, 446-455.	1.6	3
1260	Setting Up an Ultra-Fast Next-Generation Sequencing Approach as Reflex Testing at Diagnosis of Non-Squamous Non-Small Cell Lung Cancer; Experience of a Single Center (LPCE, Nice, France). <i>Cancers</i> , 2022, 14, 2258.	1.7	17
1261	Single-Cell RNA Sequencing Analysis for Oncogenic Mechanisms Underlying Oral Squamous Cell Carcinoma Carcinogenesis with <i>Candida albicans</i> Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4833.	1.8	12
1262	Regression-based heterogeneity analysis to identify overlapping subgroup structure in high-dimensional data. <i>Biometrical Journal</i> , 2022, 64, 1109-1141.	0.6	1
1263	Tumor Microenvironment Evaluation for Gastrointestinal Cancer in the Era of Immunotherapy and Machine Learning. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
1264	An emerging role of KRAS in biogenesis, cargo sorting and uptake of cancer-derived extracellular vesicles. <i>Future Medicinal Chemistry</i> , 2022, , .	1.1	0
1265	Clinical applications of plasma proteomics and peptidomics: Towards precision medicine. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100097.	0.8	20
1266	SERS characterization of colorectal cancer cell surface markers upon anti-EGFR treatment. <i>Exploration</i> , 2022, 2, .	5.4	11
1267	Single-cell characterization of malignant phenotypes and microenvironment alteration in retinoblastoma. <i>Cell Death and Disease</i> , 2022, 13, 438.	2.7	11
1268	Third-generation EGFR and ALK inhibitors: mechanisms of resistance and management. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 499-514.	12.5	140
1269	Liquid biopsy for the assessment of adrenal cancer heterogeneity: where do we stand?. <i>Endocrine</i> , 2022, 77, 425-431.	1.1	4
1270	Patient-derived Tumour Organoids: A Bridge between Cancer Biology and Personalised Therapy. <i>Acta Biomaterialia</i> , 2022, 146, 23-36.	4.1	10
1271	An acid-targeting peptide can be used as a carrier for photodynamic therapy (PDT). <i>Materials Today Communications</i> , 2022, 31, 103659.	0.9	3
1272	Paper-based biosensors for cancer diagnostics. <i>Trends in Chemistry</i> , 2022, 4, 554-567.	4.4	14



#	ARTICLE	IF	CITATIONS
1273	Construction and validation of a pyroptosis-related gene signature in hepatocellular carcinoma based on RNA sequencing. <i>Translational Cancer Research</i> , 2021, .	0.4	1
1274	Single-cell sequencing reveals the heterogeneity and intratumoral crosstalk in human endometrial cancer. <i>Cell Proliferation</i> , 2022, 55, e13249.	2.4	15
1275	Personalized treatment for hepatocellular carcinoma: Current status and future perspectives. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2022, 37, 1197-1206.	1.4	13
1276	Drug-Tolerant Persister Cells in Cancer Therapy Resistance. <i>Cancer Research</i> , 2022, 82, 2503-2514.	0.4	34
1277	FLT3 inhibitors for acute myeloid leukemia: successes, defeats, and emerging paradigms. <i>RSC Medicinal Chemistry</i> , 2022, 13, 798-816.	1.7	7
1278	The role of Jagged1 as a dynamic switch of cancer cell plasticity in PDAC assembloids. <i>Theranostics</i> , 2022, 12, 4431-4445.	4.6	7
1281	Effect of Trimethine Cyanine Dye- and Folate-Conjugation on the In Vitro Biological Activity of Proapoptotic Peptides. <i>Biomolecules</i> , 2022, 12, 725.	1.8	0
1283	Challenges and the Evolving Landscape of Assessing Blood-Based PD-L1 Expression as a Biomarker for Anti-PD-(L)1 Immunotherapy. <i>Biomedicines</i> , 2022, 10, 1181.	1.4	8
1284	Functional Tumor Targeting Nano-systems for Reprogramming Circulating Tumor Cells with In Situ Evaluation on Therapeutic Efficiency at the Single-Cell Level. <i>Advanced Science</i> , 2022, 9, .	5.6	8
1285	Artificial Intelligence as a Putative Tool for Newer Drug Development Approach in Cancer Nanomedicine. , 2022, , 53-68.		0
1286	Single-Cell Transcriptomics Revealed Subtype-Specific Tumor Immune Microenvironments in Human Glioblastomas. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	14
1287	Prognostic Significance of Lineage Diversity in Bladder Cancer Revealed by Single-Cell Sequencing. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
1289	Decoding Lung Cancer at Single-Cell Level. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	4
1290	Utility and Drawbacks of Chimeric Antigen Receptor T Cell (CAR-T) Therapy in Lung Cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
1291	Evaluating the Accuracy of FUCCI Cell Cycle In Vivo Fluorescent Imaging to Assess Tumor Proliferation in Preclinical Oncology Models. <i>Molecular Imaging and Biology</i> , 2022, 24, 898-908.	1.3	1
1292	Insights into the Possible Molecular Mechanisms of Resistance to PARP Inhibitors. <i>Cancers</i> , 2022, 14, 2804.	1.7	5
1293	Nano-Based Approved Pharmaceuticals for Cancer Treatment: Present and Future Challenges. <i>Biomolecules</i> , 2022, 12, 784.	1.8	48
1294	Role of tumor infiltrating lymphocytes and spatial immune heterogeneity in sensitivity to PD-1 axis blockers in non-small cell lung cancer. , 2022, 10, e004440.		49

#	ARTICLE	IF	CITATIONS
1295	Clonal Distribution and Intratumor Heterogeneity of the TCR Repertoire in Papillary Thyroid Cancer With or Without Coexistent Hashimoto's Thyroiditis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	0
1296	Future directions for precision oncology in prostate cancer. <i>Prostate</i> , 2022, 82, .	1.2	2
1297	The implications of cell-free DNAs derived from tumor viruses as biomarkers of associated cancers. <i>Journal of Medical Virology</i> , 2022, 94, 4677-4688.	2.5	2
1298	Epigenetic regulation of cancer stem cells: Shedding light on the refractory/relapsed cancers. <i>Biochemical Pharmacology</i> , 2022, 202, 115110.	2.0	4
1299	A Ratiometric pH Probe for Acidification Tracking in Dysfunctional Mitochondria and Tumour Tissue in vivo. <i>Journal of Materials Chemistry B</i> , 0, , .	2.9	6
1303	Hydrogels for Single-Cell Microgel Production: Recent Advances and Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
1304	Microfluidics Facilitates the Development of Single-Cell RNA Sequencing. <i>Biosensors</i> , 2022, 12, 450.	2.3	8
1305	Spatial heterogeneity in DNA methylation and chromosomal alterations in diffuse gliomas and meningiomas. <i>Modern Pathology</i> , 2022, 35, 1551-1561.	2.9	13
1306	The Hippo pathway drives the cellular response to hydrostatic pressure. <i>EMBO Journal</i> , 0, , .	3.5	7
1308	Leukocyte-specific DNA methylation biomarkers and their implication for pathological epigenetic analysis. , 2022, 2, .		3
1309	Accounting for Errors in Data Improves Divergence Time Estimates in Single-cell Cancer Evolution. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	5
1310	PROTACs: great opportunities for academia and industry (an update from 2020 to 2021). <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	77
1313	Association of Molecular Biomarker Heterogeneity With Treatment Pattern and Disease Outcomes in Multifocal or Multicentric Breast Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
1314	OLIG2 Is a Determinant for the Relapse of <i>MYC</i> -Amplified Medulloblastoma. <i>Clinical Cancer Research</i> , 2022, 28, 4278-4291.	3.2	3
1316	Recapitulating Tumor Hypoxia in a Cleanroom-Free, Liquid-Pinning-Based Microfluidic Tumor Model. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3107-3121.	2.6	10
1317	Implementing microwell slides for detection and isolation of single circulating tumor cells from complex cell suspensions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 1057-1067.	1.1	1
1318	DNA Methylation Biomarkers for Prediction of Response to Platinum-Based Chemotherapy: Where Do We Stand?. <i>Cancers</i> , 2022, 14, 2918.	1.7	6
1319	Analysis of Melanoma Gene Expression Signatures at the Single-Cell Level Uncovers 45-Gene Signature Related to Prognosis. <i>Biomedicines</i> , 2022, 10, 1478.	1.4	3

#	ARTICLE	IF	CITATIONS
1320	The Molecular Mechanisms of Resistance to IDH Inhibitors in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	9
1322	Combined High-Throughput Approaches Reveal the Signals Driven by Skin and Blood Environments and Define the Tumor Heterogeneity in SÅ©zary Syndrome. <i>Cancers</i> , 2022, 14, 2847.	1.7	1
1323	Clinical actionability of triaging DNA mismatch repair deficient colorectal cancer from biopsy samples using deep learning. <i>EBioMedicine</i> , 2022, 81, 104120.	2.7	9
1324	Integrative pharmacogenomics revealed three subtypes with different immune landscapes and specific therapeutic responses in lung adenocarcinoma. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3449-3460.	1.9	3
1325	Biphasic JNKâ€“Erk Signaling Separates Induction and Maintenance of Cell Senescence after DNA Damage. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1326	Microfluidics for Cancer Biomarker Discovery, Research, and Clinical Application. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 499-524.	0.8	5
1327	Construction of Lung Cancer Prognostic Pre-diction Model Based on Weighted Co-Expression Network. <i>Advances in Applied Mathematics</i> , 2022, 11, 4022-4031.	0.0	0
1328	Use of Imaging Mass Cytometry in Studies of the Tissue Microenvironment. , 2022, , 345-364.		1
1329	In Vitro Anticancer Activity of Two Ferrocene-Containing Camphor Sulfonamides as Promising Agents against Lung Cancer Cells. <i>Biomedicines</i> , 2022, 10, 1353.	1.4	4
1330	Molecular Characterization of the Tumor Microenvironment in Renal Medullary Carcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
1331	Machine Learning Based on MRI DWI Radiomics Features for Prognostic Prediction in Nasopharyngeal Carcinoma. <i>Cancers</i> , 2022, 14, 3201.	1.7	5
1332	The epithelial-to-mesenchymal transition in cancer: pathogenetic features. <i>Innovative Medicine of Kuban</i> , 2022, , 85-92.	0.0	0
1333	Optical Cellular Micromotion: A New Paradigm to Measure Tumor Cells Invasion within Gels Mimicking the 3D Tumor Environments. <i>Small Methods</i> , 2022, 6, .	4.6	2
1334	A Targeted Next-Generation Sequencing Panel to Genotype Gliomas. <i>Life</i> , 2022, 12, 956.	1.1	2
1335	Role of N6-Methyladenosine Methylation Regulators in the Drug Therapy of Digestive System Tumours. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1336	Scales of Cancer Evolution: Selfish Genome or Cooperating Cells?. <i>Cancers</i> , 2022, 14, 3253.	1.7	3
1337	Bioinformatics roadmap for therapy selection in cancer genomics. <i>Molecular Oncology</i> , 2022, 16, 3881-3908.	2.1	6
1338	Discovery of a novel ALK/ROS1/FAK inhibitor, APG-2449, in preclinical non-small cell lung cancer and ovarian cancer models. <i>BMC Cancer</i> , 2022, 22, .	1.1	13

#	ARTICLE	IF	CITATIONS
1339	Translational and Clinical Relevance of PDXâ€Derived Organoid Models in Oncology Drug Discovery and Development. <i>Current Protocols</i> , 2022, 2, .	1.3	1
1340	cycâ€DEP: Cyclic immunofluorescence profiling of particles collected using dielectrophoresis. <i>Electrophoresis</i> , 2022, 43, 1784-1798.	1.3	2
1341	Single cell cancer epigenetics. <i>Trends in Cancer</i> , 2022, 8, 820-838.	3.8	37
1342	Spatial Transcriptomics for Tumor Heterogeneity Analysis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	9
1343	Clonal barcoding with qPCR detection enables live cell functional analyses for cancer research. <i>Nature Communications</i> , 2022, 13, .	5.8	1
1344	Development of Molecular Mechanisms and Their Application on Oncolytic Newcastle Disease Virus in Cancer Therapy. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	12
1345	Greatly Enhanced CTC Culture Enabled by Capturing CTC Heterogeneity Using a PEGylated PDMSâ€Titaniumâ€Gold Electromicrofluidic Device with Glutathione-Controlled Gentle Cell Release. <i>ACS Nano</i> , 2022, 16, 11374-11391.	7.3	20
1347	Chromatin Separation Regulators Predict the Prognosis and Immune Microenvironment Estimation in Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
1349	Biointerface Engineering with Nucleic Acid Materials for Biosensing Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	15
1350	A Novel Late-Stage Autophagy Inhibitor That Efficiently Targets Lysosomes Inducing Potent Cytotoxic and Sensitizing Effects in Lung Cancer. <i>Cancers</i> , 2022, 14, 3387.	1.7	3
1351	Optimization of synthetic molecular reporters for a mesenchymal glioblastoma transcriptional program by integer programming. <i>Bioinformatics</i> , 2022, 38, 4162-4171.	1.8	2
1352	Spatio temporal dynamics of direct current in treated anisotropic tumors. <i>Mathematics and Computers in Simulation</i> , 2023, 203, 609-632.	2.4	2
1353	Progressing Towards a Human-Centric Approach in Cancer Research. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
1354	The Potential and Emerging Role of Quantitative Imaging Biomarkers for Cancer Characterization. <i>Cancers</i> , 2022, 14, 3349.	1.7	2
1355	Resistance to TKIs in EGFR-Mutated Non-Small Cell Lung Cancer: From Mechanisms to New Therapeutic Strategies. <i>Cancers</i> , 2022, 14, 3337.	1.7	21
1357	Applications of molecular barcode sequencing for the detection of lowâ€frequency variants in circulating tumour <sc>DNA</sc> from hepatocellular carcinoma. <i>Liver International</i> , 2022, 42, 2317-2326.	1.9	2
1358	Genomic Features of Organ-Specific Metastases in Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
1359	Comparing DESI-MSI and MALDI-MSI Mediated Spatial Metabolomics and Their Applications in Cancer Studies. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	25

#	ARTICLE	IF	CITATIONS
1360	Mixed Response to Cancer Immunotherapy is Driven by Intratumor Heterogeneity and Differential Interlesion Immune Infiltration. <i>Cancer Research Communications</i> , 2022, 2, 739-753.	0.7	2
1361	Spatial specific delivery of combinational chemotherapeutics to combat intratumoral heterogeneity. <i>Journal of Controlled Release</i> , 2022, 348, 1004-1015.	4.8	6
1362	Radiogenomic analysis reveals tumor heterogeneity of triple-negative breast cancer. <i>Cell Reports Medicine</i> , 2022, 3, 100694.	3.3	24
1363	Identification and Characterization of Cancer-Associated Fibroblast Subpopulations in Lung Adenocarcinoma. <i>Cancers</i> , 2022, 14, 3486.	1.7	5
1364	iCEMIGE: Integration of CELL-morphometrics, MIcrobiome, and GEne biomarker signatures for risk stratification in breast cancers. <i>World Journal of Clinical Oncology</i> , 2022, 13, 616-629.	0.9	5
1365	The cellular and molecular mediators of metastasis to the lung. <i>Growth Factors</i> , 2022, 40, 119-152.	0.5	5
1366	The structural maintenance of chromosomes 5 is a possible biomarker for individualized treatment of colorectal cancer. <i>Cancer Medicine</i> , 0, , .	1.3	0
1367	Immune Checkpoint Inhibitors in Cancer Therapy—How to Overcome Drug Resistance?. <i>Cancers</i> , 2022, 14, 3575.	1.7	18
1368	Epigenomic interplay in tumor heterogeneity: Potential of epidrugs as adjunct therapy. <i>Cytokine</i> , 2022, 157, 155967.	1.4	2
1369	Intratumoral Resolution of Driver Gene Mutation Heterogeneity in Renal Cancer Using Deep Learning. <i>Cancer Research</i> , 2022, 82, 2792-2806.	0.4	10
1370	Linking neural crest development to neuroblastoma pathology. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	1
1371	Prediction of 5-year progression-free survival in advanced nasopharyngeal carcinoma with pretreatment PET/CT using multi-modality deep learning-based radiomics. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	8
1372	Increased blood-based intratumor heterogeneity (bITH) is associated with unfavorable outcomes of immune checkpoint inhibitors plus chemotherapy in non-small cell lung cancer. <i>BMC Medicine</i> , 2022, 20, .	2.3	5
1373	Hydroxyapatite Nanoparticles for Improved Cancer Theranostics. <i>Journal of Functional Biomaterials</i> , 2022, 13, 100.	1.8	27
1374	Genomic landscapes of canine splenic angiosarcoma (hemangiosarcoma) contain extensive heterogeneity within and between patients. <i>PLoS ONE</i> , 2022, 17, e0264986.	1.1	10
1375	Case report: A case of heterogeneity of the antitumor response to immune checkpoint inhibitors in a patient with relapsed hepatocellular carcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
1377	Targeting Replication Stress Response Pathways to Enhance Genotoxic Chemo- and Radiotherapy. <i>Molecules</i> , 2022, 27, 4736.	1.7	10
1379	Single-cell analysis of a high-grade serous ovarian cancer cell line reveals transcriptomic changes and cell subpopulations sensitive to epigenetic combination treatment. <i>PLoS ONE</i> , 2022, 17, e0271584.	1.1	6

#	ARTICLE	IF	CITATIONS
1380	Unified Therapeuticâ€Prophylactic Vaccine Demonstrated with a Postoperative Filler Gel to Prevent Tumor Recurrence and Metastasis. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	17
1381	ITHscore: comprehensive quantification of intra-tumor heterogeneity in NSCLC by multi-scale radiomic features. <i>European Radiology</i> , 2023, 33, 893-903.	2.3	9
1382	Single-cell RNA sequencing analysis to explore immune cell heterogeneity and novel biomarkers for the prognosis of lung adenocarcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1383	Identifying and characterizing drug sensitivity-related lncRNA-TF-gene regulatory triplets. <i>Briefings in Bioinformatics</i> , 0, , .	3.2	0
1385	Developing Bottom-Up Induced Pluripotent Stem Cell Derived Solid Tumor Models Using Precision Genome Editing Technologies. <i>CRISPR Journal</i> , 2022, 5, 517-535.	1.4	3
1386	Single-cell mutation calling and phylogenetic tree reconstruction with loss and recurrence. <i>Bioinformatics</i> , 2022, 38, 4713-4719.	1.8	6
1387	Mastering the use of cellular barcoding to explore cancer heterogeneity. <i>Nature Reviews Cancer</i> , 2022, 22, 609-624.	12.8	13
1388	Polymeric Carriers for Delivery of RNA Cancer Therapeutics. <i>Non-coding RNA</i> , 2022, 8, 58.	1.3	3
1389	Integrated molecular and pharmacological characterization of patient-derived xenografts from bladder and ureteral cancers identifies new potential therapies. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
1390	Thermo-Induced Coalescence of Dual Cores in Double Emulsions for Single-Cell RT-PCR. <i>Analytical Chemistry</i> , 2022, 94, 11670-11678.	3.2	4
1391	Combi-seq for multiplexed transcriptome-based profiling of drug combinations using deterministic barcoding in single-cell droplets. <i>Nature Communications</i> , 2022, 13, .	5.8	8
1392	Transcriptional patterns reveal tumor histologic heterogeneity and immunotherapy response in lung adenocarcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
1393	Intra-tumor heterogeneity and prognostic risk signature for hepatocellular carcinoma based on single-cell analysis. <i>Experimental Biology and Medicine</i> , 2022, 247, 1741-1751.	1.1	1
1394	Lunasin as a Promising Plant-Derived Peptide for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9548.	1.8	5
1395	Free-flow zone electrophoresis facilitated proteomics analysis of heterogeneous subpopulations in H1299 lung cancer cells. <i>Analytica Chimica Acta</i> , 2022, 1227, 340306.	2.6	4
1396	Metabolic heterogeneity protects metastatic mucosal melanomas cells from ferroptosis. <i>International Journal of Molecular Medicine</i> , 2022, 50, .	1.8	5
1397	The application of zebrafish patientâ€derived xenograft tumor models in the development of antitumor agents. <i>Medicinal Research Reviews</i> , 2023, 43, 212-236.	5.0	5
1398	Spatial intra-tumor heterogeneity is associated with survival of lung adenocarcinoma patients. <i>Cell Genomics</i> , 2022, 2, 100165.	3.0	13

#	ARTICLE	IF	CITATIONS
1399	A single index model for longitudinal outcomes to optimize individual treatment decision rules. <i>Stat</i> , 2022, 11, .	0.3	0
1400	CT perfusion as a potential biomarker for pancreatic ductal adenocarcinoma during routine staging and restaging. <i>Abdominal Radiology</i> , 2022, 47, 3770-3781.	1.0	1
1401	An investigation of the conformity, feasibility and expected clinical benefits of multiparametric MRI-guided dose painting radiotherapy in glioblastoma. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	0
1402	Guiding Irregular Nuclear Morphology on Nanopillar Arrays for Malignancy Differentiation in Tumor Cells. <i>Nano Letters</i> , 2022, 22, 7724-7733.	4.5	6
1403	Driving neoantigen-based cancer vaccines for personalized immunotherapy into clinic: A burdensome journey to promising land. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113464.	2.5	4
1404	Cancer stem cell plasticity and its implications in the development of new clinical approaches for oral squamous cell carcinoma. <i>Biochemical Pharmacology</i> , 2022, 204, 115212.	2.0	8
1405	Pan-cancer analysis combined with experimental validation revealed IL4I1 as an immunological and prognostic biomarker. <i>International Immunopharmacology</i> , 2022, 111, 109091.	1.7	3
1406	Sustained potentiation of bystander killing via PTEN-loss driven macropinocytosis targeted peptide-drug conjugate therapy in metastatic triple-negative breast cancer. <i>Biomaterials</i> , 2022, 289, 121783.	5.7	4
1407	A proposed mathematical description of in vivo nanoparticle delivery. <i>Advanced Drug Delivery Reviews</i> , 2022, 189, 114520.	6.6	10
1408	Graphdiyne oxide nanosheets exert anti-lymphoma effect by killing cancer stem cells and remodeling tumor microenvironment. <i>Nano Today</i> , 2022, 46, 101622.	6.2	5
1409	Optimal treatment strategy of cancers with intratumor heterogeneity. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 13337-13373.	1.0	2
1410	Colorectal Cancer Cell Differentiation Trajectory Predicts Patient Immunotherapy Response and Prognosis. <i>Cancer Control</i> , 2022, 29, 107327482211213.	0.7	1
1411	Artificial Intelligence and Machine Learning Techniques Using Omics Data for Cancer Diagnosis and Treatment. , 2022, , 23-50.		1
1412	Precision Medicine in Oncology and Cancer Therapeutics. , 2022, , 33-51.		1
1413	Synthetic-Based Tumor-Infiltrating Lymphocytes (TILs) in Adoptive Cell Therapies. , 2022, , 1-27.		0
1414	Chorioallantoic Membrane (CAM) and InÂOvo Models as Potential Platforms for Testing Cancer Agents. , 2022, , 1-26.		0
1415	Cancer prognosis and immune system. , 2022, , 75-144.		0
1416	Quantifying Enzyme Activity and Gene Expression Within Single Cells Using a Multiplexed Capillary Electrophoresis Platform. <i>Neuromethods</i> , 2022, , 193-218.	0.2	0

#	ARTICLE	IF	CITATIONS
1417	Cancer Subtyping via Embedded Unsupervised Learning on Transcriptomics Data. , 2022, , .		3
1418	Isolated Clones of a Human Colorectal Carcinoma Cell Line Display Variation in Radiosensitivity Following Gamma Irradiation. Dose-Response, 2022, 20, 155932582211137.	0.7	0
1419	Neoantigen vaccine and neoantigen-specific cell adoptive transfer therapy in solid tumors: Challenges and future directions. , 2022, 1, 168-182.		1
1420	ATAXIC: An Algorithm to Quantify Transcriptomic Perturbation Heterogeneity in Single Cancer Cells. Journal of Oncology, 2022, 2022, 1-12.	0.6	0
1421	Modeling Colorectal Cancer Progression Reveals Niche-Dependent Clonal Selection. Cancers, 2022, 14, 4260.	1.7	5
1423	HSSG: Identification of Cancer Subtypes Based on Heterogeneity Score of A Single Gene. Cells, 2022, 11, 2456.	1.8	2
1424	In Vitro Evaluation of Cytotoxic Potential of Caladium lindenii Extracts on Human Hepatocarcinoma HepG2 and Normal HEK293T Cell Lines. BioMed Research International, 2022, 2022, 1-11.	0.9	2
1425	Pan-Cancer Gene Analysis of m6A Modification and Immune Infiltration in Uterine Corpus Endometrial Carcinoma. Computational Intelligence and Neuroscience, 2022, 2022, 1-11.	1.1	1
1426	Perfusion-Based Fluorescent Dye Labeling to Sort Cancer Cells Based on Their Distance from Blood Vessels. Methods in Molecular Biology, 2023, , 55-66.	0.4	0
1428	Drug resistance mechanisms and progress in the treatment of EGFR-mutated lung adenocarcinoma (Review). Oncology Letters, 2022, 24, .	0.8	16
1429	Emerging nanotechnology-based therapeutics to combat multidrug-resistant cancer. Journal of Nanobiotechnology, 2022, 20, .	4.2	22
1430	A radiogenomics biomarker based on immunological heterogeneity for non-invasive prognosis of renal clear cell carcinoma. Frontiers in Immunology, 0, 13, .	2.2	9
1432	Recommendations on compiling test datasets for evaluating artificial intelligence solutions in pathology. Modern Pathology, 2022, 35, 1759-1769.	2.9	24
1433	Accurate treatment of small cell lung cancer: Current progress, new challenges and expectations. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188798.	3.3	2
1434	Ultrasomics prediction for cytokeratin 19 expression in hepatocellular carcinoma: A multicenter study. Frontiers in Oncology, 0, 12, .	1.3	3
1436	Multimodality analysis confers a prognostic benefit of a T-cell infiltrated tumor microenvironment and peripheral immune status in patients with melanoma. , 2022, 10, e005052.		9
1437	Applications of human organoids in the personalized treatment for digestive diseases. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	7
1438	Ex Vivo Expansion of Phenotypic and Transcriptomic Chronic Myeloid Leukemia Stem Cells. Experimental Hematology, 2022, 115, 1-13.	0.2	1



#	ARTICLE	IF	CITATIONS
1439	Haploinsufficiency of the lysosomal sialidase NEU1 results in a model of pleomorphic rhabdomyosarcoma in mice. <i>Communications Biology</i> , 2022, 5, .	2.0	1
1440	Electrochemotherapy: An Alternative Strategy for Improving Therapy in Drug-Resistant SOLID Tumors. <i>Cancers</i> , 2022, 14, 4341.	1.7	6
1441	Spatio-temporal modelling of phenotypic heterogeneity in tumour tissues and its impact on radiotherapy treatment. <i>Journal of Theoretical Biology</i> , 2023, 556, 111248.	0.8	7
1444	Acompanhamento e intervenção farmacológica em pacientes com Câncer de mama em uso oral de Palbociclib e Letrozol. <i>Brazilian Journal of Development</i> , 2022, 8, 62182-62194.	0.0	0
1446	Identification of a signature of evolutionarily conserved stress-induced mutagenesis in cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
1447	Ectopic JAK-STAT activation enables the transition to a stem-like and multilineage state conferring AR-targeted therapy resistance. <i>Nature Cancer</i> , 2022, 3, 1071-1087.	5.7	40
1448	Peritoneal regression grading score (PRGS) in peritoneal metastasis: how many biopsies should be examined?. <i>Pleura and Peritoneum</i> , 2022, 7, 179-185.	0.5	1
1449	Lin28 Regulates Cancer Cell Stemness for Tumour Progression. <i>Cancers</i> , 2022, 14, 4640.	1.7	6
1450	Fundamental and practical approaches for single-cell ATAC-seq analysis. <i>ABIOTECH</i> , 2022, 3, 212-223.	1.8	2
1451	Multianalyte liquid biopsy to aid the diagnostic workup of breast cancer. <i>Npj Breast Cancer</i> , 2022, 8, .	2.3	8
1452	DNA damage accumulation and repair defects in FLT3-ITD acute myeloid leukemia: Implications for clonal evolution and disease progression. <i>Hematological Oncology</i> , 2023, 41, 26-38.	0.8	6
1453	Class Glutathione S-transferase (GSTP1)-Selective Fluorescent Probes for Multicolour Imaging with Various Cancer-Associated Enzymes. <i>ChemBioChem</i> , 2022, 23, .	1.3	4
1455	Nondestructive protein sampling with electroporation facilitates profiling of spatial differential protein expression in breast tumors in vivo. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
1456	Big data in basic and translational cancer research. <i>Nature Reviews Cancer</i> , 2022, 22, 625-639.	12.8	67
1457	Molecular mechanisms of resistance to tyrosine kinase inhibitor in clear cell renal cell carcinoma. <i>International Journal of Urology</i> , 2022, 29, 1419-1428.	0.5	4
1458	Leveraging extrachromosomal DNA to fine-tune trials of targeted therapy for glioblastoma: opportunities and challenges. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 733-743.	12.5	8
1459	Role of allogeneic natural killer T cells in the treatment of a patient with gefitinib-sensitive lung adenocarcinoma. <i>Immunotherapy</i> , 0, , 00-00.	1.0	0
1460	Adoptive Transfer of Activated Immune Cells against Solid Tumors: A Preliminary Study. <i>Cellular Immunology</i> , 2022, , 104616.	1.4	0

#	ARTICLE	IF	CITATIONS
1461	Evolution of precision oncologyâ€g guided treatment paradigms. WIREs Mechanisms of Disease, 2023, 15, .	1.5	5
1462	Variant calling enhances the identification of cancer cells in single-cell RNA sequencing data. PLoS Computational Biology, 2022, 18, e1010576.	1.5	1
1463	Nanocarriers for cancer nano-immunotherapy. Drug Delivery and Translational Research, 2023, 13, 1936-1954.	3.0	17
1464	Development and validation of an MRI-based radiomic model for predicting overall survival in nasopharyngeal carcinoma patients with local residual tumors after intensity-modulated radiotherapy. BMC Medical Imaging, 2022, 22, .	1.4	0
1465	Predictive validity in drug discovery: what it is, why it matters and how to improve it. Nature Reviews Drug Discovery, 2022, 21, 915-931.	21.5	28
1466	Computerâ€aided Evaluation of Polyvalent Medicationsâ€™ Pharmacological Potential. Multiphytoadaptogen as a Case Study. Molecular Informatics, 0, , 2200176.	1.4	3
1467	Analysis of Data on Fludarabine, Cyclophosphamide, and Rituximab Chemoimmunotherapy for Chronic Lymphocytic Leukemia Shows High Patient Heterogeneity and the Need for More Consideration of Individualized Treatment. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-21.	0.7	1
1468	Extrachromosomal circular DNA: biogenesis, structure, functions and diseases. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	15
1469	Neoantigen discovery and applications in glioblastoma: An immunotherapy perspective. Cancer Letters, 2022, 550, 215945.	3.2	15
1470	Outcomes With Local Therapy and Tyrosine Kinase Inhibition in Patients With <i>ALK</i> / <i>ROS1</i> / <i>RET</i> -Rearranged Lung Cancers. JCO Precision Oncology, 2022, , .	1.5	3
1471	HIF2 Inactivation and Tumor Suppression with a Tumor-Directed RNA-Silencing Drug in Mice and Humans. Clinical Cancer Research, 2022, 28, 5405-5418.	3.2	5
1472	Immunophenotypic Differences in Cerebrospinal Fluid and Peripheral Blood Demonstrating Cancer Heterogeneity in Acute Myeloid Leukemia Patient. Case Reports in Oncology, 0, , 874-880.	0.3	0
1473	Plasma, cancer, immunity. Journal Physics D: Applied Physics, 2022, 55, 473003.	1.3	8
1474	Cancer metastasis chemoprevention prevents circulating tumour cells from germination. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	9
1475	Human cancer cells generate spontaneous calcium transients and intercellular waves that modulate tumor growth. Biomaterials, 2022, 290, 121823.	5.7	7
1476	Multifunctional stimuli-responsive hybrid nanogels for cancer therapy: Current status and challenges. Journal of Controlled Release, 2022, 351, 476-503.	4.8	9
1477	Turning Tables for CRISPR/Cas9 Editing System: From Scratch to Advanced Delivery Platforms. , 2022, , 1-27.		1
1478	Capturing the spatial and temporal dynamics of tumor stroma for on-chip optimization of microenvironmental targeting nanomedicine. Lab on A Chip, 2022, 23, 25-43.	3.1	6

#	ARTICLE	IF	CITATIONS
1479	Development of a Hallmark Pathway-Related Gene Signature Associated with Immune Response for Lower Grade Gliomas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11971.	1.8	14
1480	Identification and validation of immunotherapy for four novel clusters of colorectal cancer based on the tumor microenvironment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	9
1481	Engineered multifunctional nanocarriers for controlled drug delivery in tumor immunotherapy. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
1482	Patient-Derived Multiple Myeloma 3D Models for Personalized Medicine—Are We There Yet?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12888.	1.8	6
1483	2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells. <i>Molecules</i> , 2022, 27, 7227.	1.7	2
1484	A Metabolism-Related Gene Prognostic Index for Prediction of Response to Immunotherapy in Lung Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12143.	1.8	2
1485	Prime Editing: An Emerging Tool in Cancer Treatment. <i>Molecular Biotechnology</i> , 0, , .	1.3	0
1486	Efficacy of CAR-T immunotherapy in MET overexpressing tumors not eligible for anti-MET targeted therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	6
1487	Spatial transcriptomics technology in cancer research. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	21
1489	Multi-omics analysis: Paving the path toward achieving precision medicine in cancer treatment and immuno-oncology. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	17
1490	Cancer cells can be killed mechanically or with combinations of cytoskeletal inhibitors. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
1491	Regulation of Metastasis in Ewing Sarcoma. <i>Cancers</i> , 2022, 14, 4902.	1.7	4
1492	Improving cancer immunotherapy by rationally combining oncolytic virus with modulators targeting key signaling pathways. <i>Molecular Cancer</i> , 2022, 21, .	7.9	29
1494	Gene expression-based dissection of inter-histotypes, intra-histotype and intra-tumor heterogeneity in pediatric tumors. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
1495	Single molecule microscopy to profile the effect of zinc status on transcription factor dynamics. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
1496	The Roles of microRNA miR-185 in Digestive Tract Cancers. <i>Non-coding RNA</i> , 2022, 8, 67.	1.3	2
1497	Prediction and verification of the key ingredients and molecular targets of Guizhi Fuling capsule against tumour metastasis and resistance. , 2022, 1, .		0
1498	In Vivo Nitroreductase Imaging via Fluorescence and Chemical Shift Dependent <sup>19</sup> F NMR. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1

#	ARTICLE	IF	CITATIONS
1499	Non-genetic stratification reveals epigenetic heterogeneity and identifies vulnerabilities of glycolysis addiction in lung adenocarcinoma subtype. <i>Oncogenesis</i> , 2022, 11, .	2.1	0
1500	Tumor-targeted miRNA nanomedicine for overcoming challenges in immunity and therapeutic resistance. <i>Nanomedicine</i> , 2022, 17, 1355-1373.	1.7	2
1501	NeRD: a multichannel neural network to predict cellular response of drugs by integrating multidimensional data. <i>BMC Medicine</i> , 2022, 20, .	2.3	3
1503	New steps on an old path: Novel estrogen receptor inhibitors in breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 180, 103861.	2.0	8
1504	In Vivo Nitroreductase Imaging via Fluorescence and Chemical Shift Dependent <sup>19</sup> F NMR. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
1505	Immunotheranostic microbubbles (iMBs) - a modular platform for dendritic cell vaccine delivery applied to breast cancer immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	6
1506	Targeting cellular metabolism in head and neck cancer precision medicine era: A promising strategy to overcome therapy resistance. <i>Oral Diseases</i> , 2023, 29, 3101-3120.	1.5	5
1507	Identification and verification of a 4-gene signature predicting the overall survival of cervical cancer. <i>Medicine (United States)</i> , 2022, 101, e31299.	0.4	1
1508	A new machine learning method for cancer mutation analysis. <i>PLoS Computational Biology</i> , 2022, 18, e1010332.	1.5	6
1509	The Complex Dynamic of Phase I Drug Metabolism in the Early Stages of Doxorubicin Resistance in Breast Cancer Cells. <i>Genes</i> , 2022, 13, 1977.	1.0	6
1510	First-in-Class Dual Mechanism Ferroptosis-HDAC Inhibitor Hybrids. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 14764-14791.	2.9	6
1511	Label-Free Quantitative Proteomics Analysis of Adriamycin Selected Multidrug Resistant Human Lung Cancer Cells. <i>Biomolecules</i> , 2022, 12, 1401.	1.8	4
1512	METTL3-mediated N6-methyladenosine modification and HDAC5/YY1 promote IFFO1 downregulation in tumor development and chemo-resistance. <i>Cancer Letters</i> , 2023, 553, 215971.	3.2	14
1513	An ex vivo platform to guide drug combination treatment in relapsed/refractory lymphoma. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	11
1514	Enhanced Water Solubility and Anti-Tumor Activity of Oleanolic Acid through Chemical Structure Modification. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13291.	1.8	1
1515	Marine-Inspired Drugs and Biomaterials in the Perspective of Pancreatic Cancer Therapies. <i>Marine Drugs</i> , 2022, 20, 689.	2.2	5
1516	Dual-detection of miRNAs in living cells via hybridization chain reaction on DNA tetrahedron. <i>Sensors and Actuators B: Chemical</i> , 2023, 375, 132955.	4.0	12
1517	Evolving therapeutic proteins to precisely kill cancer cells. <i>Journal of Controlled Release</i> , 2022, 351, 779-804.	4.8	2

#	ARTICLE	IF	CITATIONS
1518	NPRL2 downâ€regulation facilitates the growth of hepatocellular carcinoma via the mTOR pathway and autophagy suppression. <i>Hepatology Communications</i> , 2022, 6, 3563-3577.	2.0	3
1519	Establishment and validation of novel MRI radiomic feature-based prognostic models to predict progression-free survival in locally advanced rectal cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
1520	Multiregional Sequencing Analysis Reveals Extensive Genetic Heterogeneity in Gastric Tumors from Latinos. <i>Cancer Research Communications</i> , 2022, 2, 1487-1496.	0.7	2
1521	Reciprocal interplays between MicroRNAs and pluripotency transcription factors in dictating stemness features in human cancers. <i>Seminars in Cancer Biology</i> , 2022, 87, 1-16.	4.3	6
1522	Emerging platinum(0) nanotherapeutics for efficient cancer therapy. <i>Journal of Controlled Release</i> , 2022, 352, 276-287.	4.8	5
1523	Prospects and Challenges in the Treatment of Solid Tumors. <i>Environmental Chemistry for A Sustainable World</i> , 2022, , 489-508.	0.3	1
1524	Harnessing the Tumor Microenvironment for Cancer Immunotherapy. , 2022, , 1-25.		1
1525	Virotherapy. , 2023, , 143-168.		0
1526	Quantitative analysis of drug distribution in heterogeneous tissues using dualâ€stacking capillary electrophoresisâ€mass spectrometry. <i>British Journal of Pharmacology</i> , 2023, 180, 762-774.	2.7	4
1527	Construction of a novel choline metabolism-related signature to predict prognosis, immune landscape, and chemotherapy response in colon adenocarcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
1528	Spatiotemporal Omics-Refining the landscape of precision medicine. , 2022, 1, 84-102.		6
1529	The Molecular and Cellular Strategies of Glioblastoma and Non-Small-Cell Lung Cancer Cells Conferring Radioresistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13577.	1.8	8
1530	Multidimensional Quantitative Measurement of Cancer Chemoresistance through Differential ZIF-8 Nanoparticle Cellular Retention. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 51798-51807.	4.0	1
1531	Construction of a novel cuproptosis-related gene signature for predicting prognosis and estimating tumor immune microenvironment status in papillary thyroid carcinoma. <i>BMC Cancer</i> , 2022, 22, .	1.1	4
1532	Nanotheranostic Strategies for Cancer Immunotherapy. <i>Small Methods</i> , 2022, 6, .	4.6	7
1533	DLL3 regulates Notch signaling in small cell lung cancer. <i>IScience</i> , 2022, 25, 105603.	1.9	7
1534	Nitroreductase-instructed supramolecular assemblies for microbiome regulation to enhance colorectal cancer treatments. <i>Science Advances</i> , 2022, 8, .	4.7	12
1535	Effect of the intratumoral microbiota on spatial and cellular heterogeneity in cancer. <i>Nature</i> , 2022, 611, 810-817.	13.7	173

#	ARTICLE	IF	CITATIONS
1536	Presence of cells in the polyan euploid cancer cell (PACC) state predicts the risk of recurrence in prostate cancer. <i>Prostate</i> , 2023, 83, 277-285.	1.2	4
1537	Immersion bioprinting of hyaluronan and collagen bioink-supported 3D patient-derived brain tumor organoids. <i>Biomedical Materials (Bristol)</i> , 2023, 18, 015014.	1.7	12
1538	Very large hidden genetic diversity in one single tumor: evidence for tumors-in-tumor. <i>National Science Review</i> , 2022, 9, .	4.6	2
1539	Challenges in neoantigen-directed therapeutics. <i>Cancer Cell</i> , 2023, 41, 15-40.	7.7	27
1541	Prescreening of tumor samples for tumor-centric transcriptome analyses of lung adenocarcinoma. <i>BMC Cancer</i> , 2022, 22, .	1.1	1
1542	Development of a novel head and neck squamous cell carcinoma prognostic signature by bulk/single-cell sequencing data integration. <i>Oral Diseases</i> , 2024, 30, 128-139.	1.5	1
1543	MAST: a hybrid Multi-Agent Spatio-Temporal model of tumor microenvironment informed using a data-driven approach. <i>Bioinformatics Advances</i> , 2022, 2, .	0.9	3
1544	Development of functional nanomedicines for tumor associated macrophages-focused cancer immunotherapy. <i>Theranostics</i> , 2022, 12, 7821-7852.	4.6	12
1545	miR-1275 targets MDK/AKT signaling to inhibit breast cancer chemoresistance by lessening the properties of cancer stem cells. <i>International Journal of Biological Sciences</i> , 2023, 19, 89-103.	2.6	8
1546	Targeting cancer drug resistance utilizing organoid technology. <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114098.	2.5	6
1547	Fluorescence microscopic approach for detection of two different modes of breast cancer cell death induced by nanosecond pulsed electric field. <i>Sensors and Actuators B: Chemical</i> , 2023, 378, 133199.	4.0	5
1548	Scientific Workflow Interactions: An Application to Cancer Gene Identification. <i>Lecture Notes in Computer Science</i> , 2022, , 14-19.	1.0	0
1549	Characterization of driver mutations in Chinese non-small cell lung cancer patients using a novel targeted sequencing panel. <i>Journal of Thoracic Disease</i> , 2022, .	0.6	0
1550	Desmoplastic small round cell tumor cancer stem cell-like cells resist chemotherapy but remain dependent on the EWSR1-WT1 oncoprotein. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
1551	Identification of molecular classification and gene signature for predicting prognosis and immunotherapy response in HNSCC using cell differentiation trajectories. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
1552	Prognosis-Related Molecular Subtypes and Immune Features Associated with Hepatocellular Carcinoma. <i>Cancers</i> , 2022, 14, 5721.	1.7	4
1553	Modern view on the treatment of oncological diseases by endovascular methods. <i>Translational Medicine</i> , 2022, 9, 33-40.	0.1	2
1554	Regulation of Metabolic Plasticity in Cancer Stem Cells and Implications in Cancer Therapy. <i>Cancers</i> , 2022, 14, 5912.	1.7	7

#	ARTICLE	IF	CITATIONS
1555	Non-invasive molecular imaging for precision diagnosis of metastatic lymph nodes: opportunities from preclinical to clinical applications. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2023, 50, 1111-1133.	3.3	5
1556	Assessing Spatial Distribution of Multicellular Self-Assembly Enables the Prediction of Phenotypic Heterogeneity in Glioblastoma. <i>Cancers</i> , 2022, 14, 5910.	1.7	0
1557	Cell Differentiation Trajectory Predicts Prognosis and Immunotherapeutic Response in Clear Cell Renal Cell Carcinoma. <i>Genetical Research</i> , 2022, 2022, 1-19.	0.3	1
1558	Editorial: Application of systems biology in molecular characterization and diagnosis of cancer, Volume II. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	0
1559	Inducing ferroptosis has the potential to overcome therapy resistance in breast cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
1560	Discovery of the Potentiator of the Pore-Forming Ability of Lantibiotic Nisin: Perspectives for Anticancer Therapy. <i>Membranes</i> , 2022, 12, 1166.	1.4	6
1561	High-throughput Cellular Heterogeneity Analysis in Cell Migration at the Single-Cell Level. <i>Small</i> , 2023, 19, .	5.2	4
1563	Noninvasive Prediction of Ki-67 Expression in Hepatocellular Carcinoma Using Machine Learning-Based Ultrasomics. <i>Journal of Ultrasound in Medicine</i> , 2023, 42, 1113-1122.	0.8	4
1564	Lyophilization-inactivated cancer cells composited Janus scaffold for tumor postoperative immuno-chemotherapy. <i>Chemical Engineering Journal</i> , 2023, 455, 140619.	6.6	11
1565	Altered genome-wide hydroxymethylation analysis for neoadjuvant chemoradiotherapy followed by surgery in esophageal cancer. <i>Experimental and Therapeutic Medicine</i> , 2022, 25, .	0.8	1
1567	Interferon-dependent SLC14A1+ cancer-associated fibroblasts promote cancer stemness via WNT5A in bladder cancer. <i>Cancer Cell</i> , 2022, 40, 1550-1565.e7.	7.7	39
1568	Artificial intelligence in breast cancer diagnostics. <i>Cell Reports Medicine</i> , 2022, 3, 100851.	3.3	4
1569	Interpretable machine learning for predicting pathologic complete response in patients treated with chemoradiation therapy for rectal adenocarcinoma. <i>Frontiers in Artificial Intelligence</i> , 0, 5, .	2.0	5
1571	Multimodal analysis of ctDNA methylation and fragmentomic profiles enhances detection of nonmetastatic colorectal cancer. <i>Future Oncology</i> , 2022, 18, 3895-3912.	1.1	12
1572	Scan Ultrasound Monitoring of Breast Cancer Response to Chemotherapy and Validation With Diffusion-Weighted Magnetic Resonance Imaging. <i>Journal of Ultrasound in Medicine</i> , 2023, 42, 1297-1306.	0.8	6
1573	Inter and intra-tumor heterogeneity of paediatric type diffuse high-grade gliomas revealed by single-cell mass cytometry. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
1574	Cancer Genomics. <i>Archives of Medical Research</i> , 2022, 53, 723-731.	1.5	5
1575	A risk model based on pyroptosis subtypes predicts tumor immune microenvironment and guides chemotherapy and immunotherapy in bladder cancer. <i>Scientific Reports</i> , 2022, 12, .	1.6	4

#	ARTICLE	IF	CITATIONS
1576	Advances in Single-Cell Sequencing Technology and Its Applications in Triple-Negative Breast Cancer. Breast Cancer: Targets and Therapy, 0, Volume 14, 465-474.	1.0	1
1577	Development of Tier 2 LC-MRM-MS protein quantification methods for liquid biopsies. Journal of Mass Spectrometry and Advances in the Clinical Lab, 2023, 27, 49-55.	1.3	1
1578	Status quo of Extracellular Vesicle isolation and detection methods for clinical utility. Seminars in Cancer Biology, 2023, 88, 157-171.	4.3	7
1581	The EMT transcription factor ZEB1 governs a fitness-promoting but vulnerable DNA replication stress response. Cell Reports, 2022, 41, 111819.	2.9	4
1582	A human vascularized microtumor model of patient-derived colorectal cancer recapitulates clinical disease. Translational Research, 2023, 255, 97-108.	2.2	3
1583	In vitro blood brain barrier models: Molecular aspects and therapeutic strategies in glioma management. Current Research in Translational Medicine, 2023, 71, 103376.	1.2	1
1584	Tailoring the AIE Chromogen 2-(2-Hydroxyphenyl)benzothiazole for Use in Enzyme-Triggered Molecular Brachytherapy. Molecules, 2022, 27, 8682.	1.7	1
1585	Macrophage Membrane-Coated Nano-Gemcitabine Promotes Lymphocyte Infiltration and Synergizes AntiPD-L1 to Restore the Tumoricidal Function. ACS Nano, 2023, 17, 322-336.	7.3	15
1587	Multi-region sequencing depicts intratumor heterogeneity and clonal evolution in cervical cancer. , 2023, 40, .		2
1588	Breast cancer heterogeneity and its implication in personalized precision therapy. Experimental Hematology and Oncology, 2023, 12, .	2.0	31
1589	Osteopontin and Cancer: Insights into Its Role in Drug Resistance. Biomedicines, 2023, 11, 197.	1.4	7
1590	Personalized Bacteria Loaded with Autoantigens for the Enhancement of Tumor Immunotherapy. Advanced Healthcare Materials, 2023, 12, .	3.9	2
1591	A double-switch pHILIP system enables selective enrichment of circulating tumor microenvironment-derived extracellular vesicles. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	9
1592	Cancer plasticity: Investigating the causes for this agility. Seminars in Cancer Biology, 2023, 88, 138-156.	4.3	8
1593	GAPDH Is a Novel Ferroptosis-Related Marker and Correlates with Immune Microenvironment in Lung Adenocarcinoma. Metabolites, 2023, 13, 142.	1.3	4
1594	Collective directional migration drives the formation of heteroclonal cancer cell clusters. Molecular Oncology, 2023, 17, 1699-1725.	2.1	2
1595	Principle Superiority and Clinical Extensibility of 2D and 3D Charged Nanoprobe Detection Platform Based on Electrophysiological Characteristics of Circulating Tumor Cells. Cells, 2023, 12, 305.	1.8	0
1596	When cancer drug resistance meets metabolomics (bulk, single-cell and/or spatial): Progress, potential, and perspective. Frontiers in Oncology, 0, 12, .	1.3	6



#	ARTICLE	IF	CITATIONS
1597	Cytotoxicities of Tumor-Seeking Dyes: Impact on Future Clinical Trials. <i>ChemMedChem</i> , 2023, 18, .	1.6	1
1598	Aptamers in cancer therapy: problems and new breakthroughs. <i>Journal of Materials Chemistry B</i> , 2023, 11, 1609-1627.	2.9	7
1599	Predicting histologic differentiation of solitary hepatocellular carcinoma up to 5 cm on gadoxetate disodium-enhanced MRI. <i>Insights Into Imaging</i> , 2023, 14, .	1.6	2
1600	Recent progress in the development of nanomaterials targeting multiple cancer metabolic pathways: a review of mechanistic approaches for cancer treatment. <i>Drug Delivery</i> , 2023, 30, 1-18.	2.5	11
1602	Preoperative Radiomics Nomogram Based on CT Image Predicts Recurrence-Free Survival After Surgical Resection of Hepatocellular Carcinoma. <i>Academic Radiology</i> , 2023, 30, 1531-1543.	1.3	0
1603	Analysis of Circulating DNA to Assess Prognoses for Metastatic Colorectal Cancer Patients Treated with Regorafenib Dose-Escalation Therapy: A Retrospective, Exploratory Analysis of the RECC Trial. <i>Digestion</i> , 2023, 104, 233-242.	1.2	0
1604	Focus on the molecular mechanisms of cisplatin resistance based on multi-omics approaches. <i>Molecular Omics</i> , 0, , .	1.4	5
1605	Applications of microphysiological systems to disease models in the biopharmaceutical industry: Opportunities and challenges. <i>ALTEX: Alternatives To Animal Experimentation</i> , 0, , .	0.9	2
1606	Conserved angio-immune subtypes of the tumor microenvironment predict response to immune checkpoint blockade therapy. <i>Cell Reports Medicine</i> , 2023, 4, 100896.	3.3	6
1607	The Effects of Clonal Heterogeneity on Cancer Immunosurveillance. <i>Annual Review of Cancer Biology</i> , 2023, 7, 131-147.	2.3	3
1608	The development of a tumor-associated autoantibodies panel to predict clinical outcomes for immune checkpoint inhibitor-based treatment in patients with advanced non-small cell lung cancer. <i>Thoracic Cancer</i> , 2023, 14, 497-505.	0.8	1
1609	A nomogram model to individually predict prognosis for esophageal cancer with synchronous pulmonary metastasis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
1610	CRISPR/Cas9-based genome editing for multimodal synergistic cancer nanotherapy. <i>Nano Today</i> , 2023, 48, 101734.	6.2	5
1611	Heterogeneity of cGMP signalling in tumour cells and the tumour microenvironment: Challenges and chances for cancer pharmacology and therapeutics. , 2023, 242, 108337.		3
1612	CD4+ T cells drive an inflammatory, TNF- $\alpha$ /IFN-rich tumor microenvironment responsive to chemotherapy. <i>Cell Reports</i> , 2022, 41, 111874.	2.9	4
1613	Hierarchical Categorical Generative Modeling for Multi-omics Cancer Subtyping. , 2022, , .		1
1614	Tumor Response-speed Heterogeneity as a Novel Prognostic Factor in Patients With Metastatic Colorectal Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2023, 46, 50-57.	0.6	0
1615	Molecular basis of heterogeneity in small cell lung cancer. <i>Translational Cancer Research</i> , 2022, 11, 4237-4240.	0.4	0

#	ARTICLE	IF	CITATIONS
1616	Regorafenib and Ruthenium Complex Combination Inhibit Cancer Cell Growth by Targeting PI3K/AKT/ERK Signalling in Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 686.	1.8	0
1617	Toward photodynamic cancer chemotherapy with C60-Doxorubicin nanocomplexes. , 2023, , 489-522.		1
1618	Establishment and characterization of a new intrahepatic cholangiocarcinoma cell line, ICC-X3. <i>Human Cell</i> , 0, , .	1.2	0
1619	Computational imaging applications in brain and breast cancer. , 2023, , 29-45.		0
1620	Microfluidic Mixer for In Situ Ammonia Analysis of Single Cells in Mass Spectrometry. <i>Analytical Chemistry</i> , 2023, 95, 2321-2328.	3.2	7
1621	A Novel Prognostic Pyroptosis-Related Gene Signature Correlates to Oxidative Stress and Immune-Related Features in Gliomas. <i>Oxidative Medicine and Cellular Longevity</i> , 2023, 2023, 1-28.	1.9	3
1622	Genome destabilization-associated phenotypes arising as a consequence of therapeutic treatment are suppressed by Olaparib. <i>PLoS ONE</i> , 2023, 18, e0281168.	1.1	1
1623	The Role of Solute Carrier Transporters in Efficient Anticancer Drug Delivery and Therapy. <i>Pharmaceutics</i> , 2023, 15, 364.	2.0	5
1624	Current State of Cold Atmospheric Plasma and Cancer Immunity Cycle: Therapeutic Relevance and Overcoming Clinical Limitations Using Hydrogels. <i>Advanced Science</i> , 2023, 10, .	5.6	12
1625	Which technology performs better? From sample volume to extraction and molecular profiling. , 2023, , 119-202.		0
1626	Protein degradation: expanding the toolbox to restrain cancer drug resistance. <i>Journal of Hematology and Oncology</i> , 2023, 16, .	6.9	11
1627	Evolution of acquired resistance in a ROS1+ KRAS G12C+ NSCLC through the MAPK pathway. <i>Npj Precision Oncology</i> , 2023, 7, .	2.3	6
1629	Application of single-cell transcriptome sequencing in gastric cancer. <i>World Chinese Journal of Digestology</i> , 2023, 31, 48-55.	0.0	0
1630	Advances in the Management of Central Nervous System Metastases in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2023, 15, 844.	1.7	1
1631	A phase I dose-escalation study of neoantigen-activated haploidentical T cell therapy for the treatment of relapsed or refractory peripheral T-cell lymphoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
1632	Prognostic prediction and expression validation of NSD3 in pan-cancer analyses. <i>Biocell</i> , 2023, 47, 1003-1019.	0.4	2
1633	Cell Adaptive Fitness and Cancer Evolutionary Dynamics. <i>Cancer Informatics</i> , 2023, 22, 117693512311546.	0.9	1
1634	Recent progress in cancer cell membrane-based nanoparticles for biomedical applications. <i>Beilstein Journal of Nanotechnology</i> , 0, 14, 262-279.	1.5	2

#	ARTICLE	IF	CITATIONS
1635	ASGARD is A Single-cell Guided Pipeline to Aid Repurposing of Drugs. Nature Communications, 2023, 14, .	5.8	10
1636	Neopeptide load, T cell signatures and PD-L2 as combined biomarker strategy for response to checkpoint inhibition immunotherapy. Frontiers in Genetics, 0, 14, .	1.1	1
1637	3D cancer models: One step closer to in vitro human studies. Frontiers in Immunology, 0, 14, .	2.2	6
1638	Microphysiological systems to study colorectal cancer: state-of-the-art. Biofabrication, 2023, 15, 032001.	3.7	4
1639	Microscopy-based phenotypic monitoring of MDA-MB-231 spheroids allows the evaluation of phenotype-directed therapy. Experimental Cell Research, 2023, 425, 113527.	1.2	1
1640	Current Methods for Identifying Plasma Membrane Proteins as Cancer Biomarkers. Membranes, 2023, 13, 409.	1.4	2
1641	The heterogeneous transition state of resistance to RET kinase inhibitors converges on ERK1/2-driven Aurora A/B kinases. Drug Resistance Updates, 2023, 68, 100958.	6.5	3
1642	Local augmented graph neural network for multi-omics cancer prognosis prediction and analysis. Methods, 2023, 213, 1-9.	1.9	4
1643	Aptamer induced nanosystem with dynamically self-monitoring and in-situ imaging for breast cancer therapy. Sensors and Actuators B: Chemical, 2023, 384, 133611.	4.0	2
1644	Stimuli-responsive drug delivery systems triggered by intracellular or subcellular microenvironments. Advanced Drug Delivery Reviews, 2023, 196, 114773.	6.6	26
1645	Advances in chimeric antigen receptor T cells therapy in the treatment of breast cancer. Biomedicine and Pharmacotherapy, 2023, 162, 114609.	2.5	4
1646	Prognostic radiomic signature for head and neck cancer: Development and validation on a multi-centric MRI dataset. Radiotherapy and Oncology, 2023, 183, 109638.	0.3	3
1647	Tissue- and liquid biopsy-based biomarkers for immunotherapy in breast cancer. Breast, 2023, 69, 330-341.	0.9	3
1648	Cancer stem cell-derived exosome-induced metastatic cancer: An orchestra within the tumor microenvironment. Biochimie, 2023, 212, 1-11.	1.3	5
1649	Overcoming melanoma resistance to immune checkpoint blockade therapy using nano-strategies. , 2023, 4, 41-49.		1
1651	MicroRNA, mRNA, and Proteomics Biomarkers and Therapeutic Targets for Improving Lung Cancer Treatment Outcomes. Cancers, 2023, 15, 2294.	1.7	2
1652	Standardizing analysis of intra-tumoral heterogeneity with computational pathology. Genes Chromosomes and Cancer, 2023, 62, 526-539.	1.5	1
1653	&lt;i>Desmarestia anceps</i> Montagne (Phaeophyceae) against Colorectal Cancer Cells: Cytotoxic Activity and Proapoptotic Effects. Advances in Biological Chemistry, 2022, 12, 228-245.	0.2	0

#	ARTICLE	IF	CITATIONS
1654	Cancer Stem Cells Contribute to Drug Resistance in Multiple Different Ways. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 125-139.	0.8	5
1655	Natural Killer Cell-Based Immunotherapy against Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2111.	1.8	4
1656	Chorioallantoic Membrane (CAM) and InÂOvo Models as Potential Platforms for Testing Cancer Agents. , 2023, , 457-483.		1
1658	Deep multimodal graph-based network for survival prediction from highly multiplexed images and patient variables. <i>Computers in Biology and Medicine</i> , 2023, 154, 106576.	3.9	5
1659	LSD1 inhibitors for cancer treatment: Focus on multi-target agents and compounds in clinical trials. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	16
1661	Novel Zebrafish Patient-Derived Tumor Xenograft Methodology for Evaluating Efficacy of Immune-Stimulating BCG Therapy in Urinary Bladder Cancer. <i>Cells</i> , 2023, 12, 508.	1.8	4
1662	Dendrimer nanosystems for adaptive tumor-assisted drug delivery via extracellular vesicle hijacking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	11
1663	Antibody-Based Therapeutics for the Treatment of Renal Cell Carcinoma: Challenges and Opportunities. <i>Oncologist</i> , 2023, 28, 297-308.	1.9	1
1664	Potential prognostic role of somatic mutations in a set of cancer susceptibility genes in ovarian carcinoma: A follow-up multicentric study from Pakistan. <i>Cancer Biomarkers</i> , 2023, 36, 207-219.	0.8	0
1665	Dualâ€targeting therapy against <scp>HER3</scp>/<scp>MET</scp> in human colorectal cancers. <i>Cancer Medicine</i> , 2023, 12, 9684-9696.	1.3	2
1666	A biomimetic nanoplatform for customized photothermal therapy of HNSCC evaluated on patient-derived xenograft models. <i>International Journal of Oral Science</i> , 2023, 15, .	3.6	4
1667	Enabling Singleâ€Cell Drug Response Annotations from Bulk RNAâ€Seq Using SCAD. <i>Advanced Science</i> , 2023, 10, .	5.6	5
1668	Drug resistance mechanism of kinase inhibitors in the treatment of hepatocellular carcinoma. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	7
1669	Assessment of Drug Susceptibility for Patient-Derived Tumor Models through Lactate Biosensing and Machine Learning. <i>ACS Sensors</i> , 2023, 8, 803-810.	4.0	0
1670	Synthesis of Multi-Stimuli Responsive Fe3O4 Coated with Diamonds Nanocomposite for Magnetic Assisted Chemo-Photothermal Therapy. <i>Molecules</i> , 2023, 28, 1784.	1.7	2
1671	Simultaneous Detection andÂClassification ofÂPartially andÂWeakly Supervised Cells. <i>Lecture Notes in Computer Science</i> , 2023, , 313-329.	1.0	2
1672	Individualized Causal Discovery with Latent Trajectory Embedded Bayesian Networks. <i>Biometrics</i> , 2023, 79, 3191-3202.	0.8	0
1673	Emerging roles of m6A RNA modification in cancer therapeutic resistance. <i>Experimental Hematology and Oncology</i> , 2023, 12, .	2.0	7

#	ARTICLE	IF	CITATIONS
1674	RNA-Seq Analysis of Extradomain A and Extradomain B Fibronectin as Extracellular Matrix Markers for Cancer. <i>Cells</i> , 2023, 12, 685.	1.8	2
1675	Cellular Transcriptomics of Carboplatin Resistance in a Metastatic Canine Osteosarcoma Cell Line. <i>Genes</i> , 2023, 14, 558.	1.0	0
1676	LINC01798/miR-17-5p axis regulates ITGA8 and causes changes in tumor microenvironment and stemness in lung adenocarcinoma. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
1677	Prediction of the Molecular Subtype of IDH Mutation Combined with MGMT Promoter Methylation in Gliomas via Radiomics Based on Preoperative MRI. <i>Cancers</i> , 2023, 15, 1440.	1.7	1
1678	Favorable Conditions for the Detection of EGFR T790M Mutation Using Plasma Sample in Patients with Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2023, 15, 1445.	1.7	3
1679	Spatial multi-omics revealed the impact of tumor ecosystem heterogeneity on immunotherapy efficacy in patients with advanced non-small cell lung cancer treated with bispecific antibody. , 2023, 11, e006234.		10
1680	Molecular basis and clinical application of targeted therapy in oncology. <i>Medical Journal Armed Forces India</i> , 2023, 79, 128-135.	0.3	3
1681	Inhibition of mitochondrial metabolism by (âˆ²)-jerantinine A: synthesis and biological studies in triple-negative breast cancer cells. <i>RSC Medicinal Chemistry</i> , 2023, 14, 710-714.	1.7	2
1682	Diagnostic value of liquid biopsy in the era of precision medicine: 10 years of clinical evidence in cancer. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 102-138.	0.5	14
1683	A Comprehensive Overview of RNA Deconvolution Methods and Their Application. <i>Molecules and Cells</i> , 2023, 46, 99-105.	1.0	15
1684	An Activatable NIR Fluorescent Probe for NAD(P)H and Its Application to the Realâ€Time Monitoring of p53 Abnormalities In Vivo. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
1685	An Activatable NIR Fluorescent Probe for NAD(P)H and Its Application to the Realâ€Time Monitoring of p53 Abnormalities In Vivo. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	17
1686	Integrative Scoring System for Survival Prediction in Patients With Locally Advanced Nasopharyngeal Carcinoma: A Retrospective Multicenter Study. <i>JCO Clinical Cancer Informatics</i> , 2023, , .	1.0	1
1687	Improvements and challenges of tissue preparation for spatial transcriptome analysis of skull base tumors. <i>Heliyon</i> , 2023, 9, e14133.	1.4	3
1688	Establishment of patient-derived xenografts of retinoblastoma and choroidal melanoma on the avian chorioallantoic membrane. <i>Indian Journal of Ophthalmology</i> , 2023, 71, 977.	0.5	1
1689	Tumor cell plasticity in targeted therapy-induced resistance: mechanisms and new strategies. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	27
1690	Society for Immunotherapy of Cancer (SITC) consensus definitions for resistance to combinations of immune checkpoint inhibitors with chemotherapy. , 2023, 11, e005920.		5
1691	Cancer nanomedicine: a review of nano-therapeutics and challenges ahead. <i>RSC Advances</i> , 2023, 13, 8606-8629.	1.7	34

#	ARTICLE	IF	CITATIONS
1692	Comparing the effectiveness of 2D and 3D features on predicting the response to chemotherapy for ovarian cancer patients. , 2023, , .		1
1693	Multiplex imaging of breast cancer lymph node metastases identifies prognostic single-cell populations independent of clinical classifiers. <i>Cell Reports Medicine</i> , 2023, 4, 100977.	3.3	6
1694	Society for Immunotherapy of Cancer (SITC) consensus definitions for resistance to combinations of immune checkpoint inhibitors with targeted therapies. , 2023, 11, e005923.		4
1695	Role of RUNX2 in breast cancer development and drug resistance (Review). <i>Oncology Letters</i> , 2023, 25, .	0.8	1
1696	Characterization of heterogeneous metabolism in hepatocellular carcinoma identifies new therapeutic target and treatment strategy. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
1697	Tracking tumor heterogeneity and progression with near-infrared II fluorophores. <i>Exploration</i> , 2023, 3, .	5.4	13
1698	Comparison of genomic profiling of circulating tumor DNA in pancreaticobiliary malignancies in plasma and bile. <i>Cancer</i> , 2023, 129, 1714-1722.	2.0	3
1699	Tumour Heterogeneity and the Consequent Practical Challenges in the Management of Gastroenteropancreatic Neuroendocrine Neoplasms. <i>Cancers</i> , 2023, 15, 1861.	1.7	4
1700	Stackelberg evolutionary game theory: how to manage evolving systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2023, 378, .	1.8	6
1701	Epigenetic dosage identifies two major and functionally distinct $\hat{I}^2$ cell subtypes. <i>Cell Metabolism</i> , 2023, 35, 821-836.e7.	7.2	12
1702	CCAT 1- A Pivotal Oncogenic Long Non-Coding RNA in Colorectal Cancer. , 0, 80, .		5
1703	Advances in liquid biopsy-based markers in NSCLC. <i>Advances in Clinical Chemistry</i> , 2023, , 109-150.	1.8	1
1704	A systematic evaluation of deep learning methods for the prediction of drug synergy in cancer. <i>PLoS Computational Biology</i> , 2023, 19, e1010200.	1.5	5
1705	Textural Features of Mouse Glioma Models Measured by Dynamic Contrast-Enhanced MR Images with 3D Isotropic Resolution. <i>Tomography</i> , 2023, 9, 721-735.	0.8	0
1706	Nanomedicine for T-cell Mediated Immunotherapy. <i>Advanced Materials</i> , 0, , .	11.1	6
1707	Personalized Immuno-Oncology with Immunodeficiency Mouse Models. , 2023, , .		0
1708	The effects of MYC on tumor immunity and immunotherapy. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	6
1709	Multiparameter prediction model of immune checkpoint inhibitors combined with chemotherapy for non-small cell lung cancer based on support vector machine learning. <i>Scientific Reports</i> , 2023, 13, .	1.6	1

#	ARTICLE	IF	CITATIONS
1710	Clinical application of machine learning and computer vision to indocyanine green quantification for dynamic intraoperative tissue characterisation: how to do it. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2023, 37, 6361-6370.	1.3	5
1711	Cell death mediated by nanotechnology via the cuproptosis pathway: A novel horizon for cancer therapy. <i>View</i> , 2023, 4, .	2.7	10
1712	Identification and experimental verification of an anoikis and immune related signature in prognosis for lung adenocarcinoma. <i>Translational Cancer Research</i> , 2023, 12, 887-903.	0.4	1
1713	Imaging the uptake of deuterated methionine in <i>Drosophila</i> with stimulated Raman scattering. <i>Frontiers in Chemistry</i> , 0, 11, .	1.8	2
1714	POSEA: A novel algorithm to evaluate the performance of multi-object instance image segmentation. <i>PLoS ONE</i> , 2023, 18, e0283692.	1.1	0
1715	Machine learning in metastatic cancer research: Potentials, possibilities, and prospects. <i>Computational and Structural Biotechnology Journal</i> , 2023, 21, 2454-2470.	1.9	2
1716	Radiomics and Radiogenomics of Ovarian Cancer. <i>Radiologic Clinics of North America</i> , 2023, , .	0.9	3
1717	Clinicopathologic Features and Genetic Alterations in Mixed-Type Ampullary Carcinoma. <i>Modern Pathology</i> , 2023, 36, 100181.	2.9	1
1718	Considerations for modelling diffuse high-grade gliomas and developing clinically relevant therapies. <i>Cancer and Metastasis Reviews</i> , 0, , .	2.7	0
1720	Potential unreliability of ALK variant allele frequency in the efficacy prediction of targeted therapy in NSCLC. <i>Frontiers of Medicine</i> , 2023, 17, 493-502.	1.5	2
1721	Radiomic tumor phenotypes augment molecular profiling in predicting recurrence free survival after breast neoadjuvant chemotherapy. <i>Communications Medicine</i> , 2023, 3, .	1.9	4
1722	Meta-analysis of the prognostic value of soluble programmed death ligand-1 (sPD-L1) in cancers. <i>Biomarkers</i> , 0, , 1-15.	0.9	1
1724	Arrestins: Structure, Function, Physiology, and Pharmacological Perspectives. <i>Pharmacological Reviews</i> , 2023, 75, 854-884.	7.1	15
1726	Collective Cellular Phase Transitions in Cancer. <i>Current Cancer Research</i> , 2023, , 33-75.	0.2	0
1727	Prognostic value of initial [18F]FDG PET/computed tomography volumetric and texture analysis-based parameters in patients with head and neck squamous cell carcinoma. <i>Nuclear Medicine Communications</i> , 2023, 44, 653-662.	0.5	1
1728	Wiskott-Aldrich syndrome gene as a prognostic biomarker correlated with immune infiltrates in clear cell renal cell carcinoma. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
1730	Histology of metastatic colorectal cancer in a lymph node. <i>PLoS ONE</i> , 2023, 18, e0284536.	1.1	2
1731	Nanoprobes based on fluorescent semiconductor nanocrystals and single-domain antibodies for highly sensitive detection of epidermal growth factor receptor in tumor cells. , 2023, 22, 68-75.	0.3	1

#	ARTICLE	IF	CITATIONS
1732	A mechanobiological model for tumor spheroid evolution with application to glioblastoma: A continuum multiphysics approach. <i>Computers in Biology and Medicine</i> , 2023, 159, 106897.	3.9	4
1733	Effects and translomics characteristics of a small-molecule inhibitor of METTL3 against non-small cell lung cancer. <i>Journal of Pharmaceutical Analysis</i> , 2023, 13, 625-639.	2.4	7
1734	CoADS: Cross attention based dual-space graph network for survival prediction of lung cancer using whole slide images. <i>Computer Methods and Programs in Biomedicine</i> , 2023, 236, 107559.	2.6	2
1736	Knockdown of BAP31 Overcomes Hepatocellular Carcinoma Doxorubicin Resistance through Downregulation of Survivin. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7622.	1.8	0
1737	Standardization of organoid culture in cancer research. <i>Cancer Medicine</i> , 2023, 12, 14375-14386.	1.3	10
1738	Estrogen receptor status heterogeneity in breast cancer tumor: role in response to endocrine treatment. <i>Cancer Gene Therapy</i> , 2023, 30, 932-935.	2.2	2
1739	bITH, a blood-based metric of intratumor heterogeneity, is associated with clinical response to immune checkpoint blockade in non-small cell lung cancer. <i>EBioMedicine</i> , 2023, 91, 104564.	2.7	1
1765	Advances in PET imaging of cancer. <i>Nature Reviews Cancer</i> , 2023, 23, 474-490.	12.8	20
1783	Recent advancements in tumour microenvironment landscaping for target selection and response prediction in immune checkpoint therapies achieved through spatial protein multiplexing analysis. <i>International Review of Cell and Molecular Biology</i> , 2024, , 207-237.	1.6	0
1788	Rethinking our approach to cancer metabolism to deliver patient benefit. <i>British Journal of Cancer</i> , 0, , .	2.9	0
1796	Modulation of drug resistance in leukemia using phytochemicals: an in-silico, in-vitro, and in-vivo approach. , 2023, , 583-599.		2
1810	A New Era of RNA Personalized Vaccines for Cancer and Cancer-Causing Infectious Diseases. , 0, , .		0
1822	Drug targeting to cancer cells through stimuli-responsive imine bonds: fascinating aspects of site specificity. , 2023, , 207-224.		0
1859	Editorial: DNA repair and nucleic acid therapeutics in cancer. <i>NAR Cancer</i> , 2023, 5, .	1.6	0
1865	Participation of protein metabolism in cancer progression and its potential targeting for the management of cancer. <i>Amino Acids</i> , 2023, 55, 1223-1246.	1.2	2
1868	Bridging live-cell imaging and next-generation cancer treatment. <i>Nature Reviews Cancer</i> , 2023, 23, 731-745.	12.8	6
1870	Clinical application of 18F-fluorodeoxyglucose positron emission tomography/computed tomography radiomics-based machine learning analyses in the field of oncology. <i>Japanese Journal of Radiology</i> , 2024, 42, 28-55.	1.0	1
1871	Utility of CRISPR/Cas mediated electrochemical biosensors. <i>Analytical Methods</i> , 2023, 15, 3785-3801.	1.3	1



#	ARTICLE	IF	CITATIONS
1880	Heterogeneity of the tumor immune microenvironment and clinical interventions. <i>Frontiers of Medicine</i> , 2023, 17, 617-648.	1.5	0
1885	Circulating Tumour Cell Isolation and Molecular Profiling; Potential Therapeutic Intervention. <i>Current Cancer Research</i> , 2023, , 359-385.	0.2	0
1886	Emerging Vaccine for the Treatment of Cancer Via Nanotechnology. , 2023, , 79-99.		0
1909	Tumor Heterogeneity in Breast Cancer Progression. , 2023, , 1-26.		0
1911	Therapeutic antibodies against cancerâ€™A step toward the treatment. , 2024, , 3-29.		0
1924	Precision clinical genomics and single subject studies of multi-omics data. , 2024, , 41-56.		0
1925	Economic Evaluations of Imaging Biomarker-Driven Companion Diagnostics for Cancer: A Systematic Review. <i>Applied Health Economics and Health Policy</i> , 0, , .	1.0	0
1933	Cancer cell plasticity, stem cell factors, and therapy resistance: how are they linked?. <i>Cancer and Metastasis Reviews</i> , 2024, 43, 423-440.	2.7	0
1942	Recent advances in cancer-on-a-chip tissue models to dissect the tumour microenvironment. , 2023, 1, .		2
1948	Advancement in Cancer Modeling System: Latest Developments and Trends in Cancer Research and Healthcare Interventions. , 2023, , 1-31.		0
1958	Clonal tracking in cancer and metastasis. <i>Cancer and Metastasis Reviews</i> , 0, , .	2.7	0
1981	Dissecting the tumor microenvironment in response to immune checkpoint inhibitors via single-cell and spatial transcriptomics. <i>Clinical and Experimental Metastasis</i> , 0, , .	1.7	1
1987	Role of cancer stem cells in maintenance of tumor heterogeneity in brain tumors. , 2024, , 165-184.		0
2030	From molecular mechanisms of prostate cancer to translational applications: based on multi-omics fusion analysis and intelligent medicine. <i>Health Information Science and Systems</i> , 2024, 12, .	3.4	0
2039	Circumventing challenges in mitochondrial targeting for cancer treatment: leveraging nanoplatfoms for effective solutions. <i>Materials Advances</i> , 2024, 5, 409-431.	2.6	0
2045	PET Agents for Primary Brain Tumor Imaging. , 0, , 1-62.		0
2052	Exploring the next generation of antibodyâ€™drug conjugates. <i>Nature Reviews Clinical Oncology</i> , 2024, 21, 203-223.	12.5	5
2058	Genomic and transcriptomic applications in neural stem cell therapeutics. , 2024, , 215-230.		0

#	ARTICLE	IF	CITATIONS
2072	Addressing the diagnosis and therapeutics of malignant tumor cells. , 2024, , 99-116.		0
2073	STADS: Spatial Transcriptomics to Aid Drug-reposition Recommendation. , 2023, , .		0
2078	Recent advances in micro-physiological systems for investigating tumor metastasis and organotropism. Lab on A Chip, 2024, 24, 1351-1366.	3.1	0
2079	Key processes in tumor metastasis and therapeutic strategies with nanocarriers: a review. Molecular Biology Reports, 2024, 51, .	1.0	0
2098	Acidâ€base transporters in the context of tumor heterogeneity. Pflugers Archiv European Journal of Physiology, 2024, 476, 689-701.	1.3	1
2100	Evaluation of immune microenvironment in hepatocellular carcinoma: current advances in CT and MRI imaging techniques. Chinese Journal of Academic Radiology, 2024, 7, 8-14.	0.4	0
2113	A journey from omics to clinicomics in solid cancers: Success stories and challenges. Advances in Protein Chemistry and Structural Biology, 2024, , 89-139.	1.0	0
2132	PD-1/PD-L1 Inhibitors for the Treatment of Lung Cancer. , 2024, , 65-86.		0
2142	Machine Learning Perspective in Cancer Research. , 2023, , 1104-1125.		0