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Role of hypoxia in cancer therapy by regulating the tumor microenvironment

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787	Neutrophil: A New Player in Metastatic Cancers. 2020 , 11, 565165		22
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785	Transcriptomic Changes in Young Japanese Males After Exposure to Acute Hypobaric Hypoxia. 2020 , 11, 559074		1
784	Hypoxia-inducible long noncoding RNA NPSR1-AS1 promotes the proliferation and glycolysis of hepatocellular carcinoma cells by regulating the MAPK/ERK pathway. 2020 , 533, 886-892		10
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782	Emerging role of tumor cell plasticity in modifying therapeutic response. 2020 , 5, 228		35
781	Evaluation of low-intensity pulsed ultrasound on doxorubicin delivery in 2D and 3D cancer cell cultures. 2020 , 10, 16161		3
780	Recent advances in strategies for overcoming hypoxia in photodynamic therapy of cancer. 2020 , 492, 116-135		30
779	Glucometabolic Reprogramming in the Hepatocellular Carcinoma Microenvironment: Cause and Effect. 2020 , 12, 5957-5974		8
778	A Novel Inhibitor of Carbonic Anhydrases Prevents Hypoxia-Induced TNBC Cell Plasticity. 2020 , 21,		5
777	Hypoxia-Associated Prognostic Markers and Competing Endogenous RNA Co-Expression Networks in Breast Cancer. 2020 , 10, 579868		14
776	The Role of Oxidative Stress and Its Counteractive Utility in Colorectal Cancer (CRC). 2020 , 12,		28
775	Hypoxia and Oxygen-Sensing Signaling in Gene Regulation and Cancer Progression. 2020 , 21,		16
774	Ginsenoside Rg1 Induces Apoptotic Cell Death in Triple-Negative Breast Cancer Cell Lines and Prevents Carcinogen-Induced Breast Tumorigenesis in Sprague Dawley Rats. 2020 , 2020, 8886955		5
773	Impact of Lineage Plasticity to and from a Neuroendocrine Phenotype on Progression and Response in Prostate and Lung Cancers. 2020 , 80, 562-577		12
772	Hypoxia and HIF Signaling: One Axis with Divergent Effects. 2020 , 21,		32
771	Distinct Cargos of Small Extracellular Vesicles Derived from Hypoxic Cells and Their Effect on Cancer Cells. 2020 , 21,		4

770	Co-treatment with nitroglycerin and metformin exhibits physicochemically and pathohistologically detectable anticancer effects on fibrosarcoma in hamsters. 2020 , 130, 110510	1
769	A new prognostic hypoxia biomarker consisting of imaging and gene-based data. 2020 , 58, 102901	
768	Improvement of conventional anti-cancer drugs as new tools against multidrug resistant tumors. 2020 , 50, 100682	72
767	Metal-organic frameworks-based nanozymes for combined cancer therapy. 2020 , 35, 100920	45
766	Identification of Signatures of Prognosis Prediction for Melanoma Using a Hypoxia Score. 2020 , 11, 570530	14
765	Coming in the Air: Hypoxia Meets Epigenetics in Pancreatic Cancer. 2020 , 9,	8
764	Association between carbonic anhydrase 9 expression and poor prognosis in sinonasal squamous cell carcinoma. 2020 , 49, 151643	1
763	Hypoxia Predicts Poor Prognosis in Neuroblastoma Patients and Associates with Biological Mechanisms Involved in Telomerase Activation and Tumor Microenvironment Reprogramming. 2020 , 12,	11
762	Cancer-Associated Fibroblast Mediated Inhibition of CD8+ Cytotoxic T Cell Accumulation in Tumours: Mechanisms and Therapeutic Opportunities. 2020 , 12,	14
761	Codelivery of HIF-1 β siRNA and Dinaciclib by Carboxylated Graphene Oxide-Trimethyl Chitosan-Hyaluronate Nanoparticles Significantly Suppresses Cancer Cell Progression. 2020 , 37, 196	30
760	Advances in Gold Nanoparticle-Based Combined Cancer Therapy. 2020 , 10,	26
759	Cellular Mechanisms Accounting for the Refractoriness of Colorectal Carcinoma to Pharmacological Treatment. 2020 , 12,	11
758	Nanoparticle-Based Drug Delivery in Cancer Therapy and Its Role in Overcoming Drug Resistance. 2020 , 7, 193	96
757	Tumor-Derived Exosome-Educated Hepatic Stellate Cells Regulate Lactate Metabolism of Hypoxic Colorectal Tumor Cells via the IL-6/STAT3 Pathway to Confer Drug Resistance. 2020 , 13, 7851-7864	8
756	Hypoxia Correlates With Poor Survival and M2 Macrophage Infiltration in Colorectal Cancer. 2020 , 10, 566430	16
755	Biological Guided Carbon-Ion Microporous Radiation to Tumor Hypoxia Area Triggers Robust Abscopal Effects as Open Field Radiation. 2020 , 10, 597702	3
754	Hypoxia-Mediated Decrease of Ovarian Cancer Cells Reaction to Treatment: Significance for Chemo- and Immunotherapies. 2020 , 21,	7
753	Long Noncoding RNA MIR210HG Promotes the Warburg Effect and Tumor Growth by Enhancing HIF-1 β Translation in Triple-Negative Breast Cancer. 2020 , 10, 580176	13

752	Tumor Microenvironment-Stimuli Responsive Nanoparticles for Anticancer Therapy. 2020 , 7, 610533	26
751	Immune Characterization of Ovarian Cancer Reveals New Cell Subtypes With Different Prognoses, Immune Risks, and Molecular Mechanisms. 2020 , 8, 614139	3
750	Gradient Hydrogels. 2021 , 178, 227-251	
749	Extracellular Vesicles Are Key Regulators of Tumor Neovasculature. 2020 , 8, 611039	13
748	Integrative Analysis Reveals the Landscape of Hypoxia-Inducible Factor (HIF) Family Genes in Pan-Cancer. 2020 , 2020, 8873104	1
747	Comparative Analysis of Cell-Cell Contact Abundance in Ovarian Carcinoma Cells Cultured in Two- and Three-Dimensional In Vitro Models. 2020 , 9,	5
746	Gelatine nanostructured lipid carrier encapsulated FGF15 inhibits autophagy and improves recovery in spinal cord injury. 2020 , 6, 137	2
745	Three-Dimensional Spheroids as In Vitro Preclinical Models for Cancer Research. 2020 , 12,	50
744	Hypoxia-Inducible Ubiquitin Specific Peptidase 13 Contributes to Tumor Growth and Metastasis via Enhancing the Toll-Like Receptor 4/Myeloid Differentiation Primary Response Gene 88/Nuclear Factor- B Pathway in Hepatocellular Carcinoma. 2020 , 8, 587389	8
743	Cell Competition Boosts Clonal Evolution and Hypoxic Selection in Cancer. 2020 , 30, 967-978	7
742	A HMCuS@MnO nanocomplex responsive to multiple tumor environmental clues for photoacoustic/fluorescence/magnetic resonance trimodal imaging-guided and enhanced photothermal/photodynamic therapy. 2020 , 12, 12508-12521	19
741	6-Shogaol enhances the anticancer effect of 5-fluorouracil, oxaliplatin, and irinotecan via increase of apoptosis and autophagy in colon cancer cells in hypoxic/aglycemic conditions. 2020 , 20, 141	10
740	Nanoengineered targeting strategy for cancer immunotherapy. 2020 , 41, 902-910	6
739	Role of hyperoxic treatment in cancer. 2020 , 245, 851-860	6
738	Exosomes in hypoxia-induced remodeling of the tumor microenvironment. 2020 , 488, 1-8	25
737	Dual inhibition of PFKFB3 and VEGF normalizes tumor vasculature, reduces lactate production, and improves chemotherapy in glioblastoma: insights from protein expression profiling and MRI. 2020 , 10, 7245-7259	14
736	Three dimensional engineered models to study hypoxia biology in breast cancer. 2020 , 490, 124-142	8
735	Non-coding RNAs shuttled via exosomes reshape the hypoxic tumor microenvironment. 2020 , 13, 67	22

734	Hypoxia-induced alternative splicing: the 11th Hallmark of Cancer. 2020 , 39, 110	36
733	FABP5 promotes lymph node metastasis in cervical cancer by reprogramming fatty acid metabolism. 2020 , 10, 6561-6580	23
732	Cancer Stem Cells as a Potential Target to Overcome Multidrug Resistance. 2020 , 10, 764	34
731	Metabolism in tumor microenvironment: Implications for cancer immunotherapy. 2020 , 1, 47-68	27
730	Drug Resistance in Non-Hodgkin Lymphomas. 2020 , 21,	15
729	Hypoxic tumor microenvironment: Implications for cancer therapy. 2020 , 245, 1073-1086	14
728	Understanding the Mechanisms by Which Epigenetic Modifiers Avert Therapy Resistance in Cancer. 2020 , 10, 992	20
727	Long-Noncoding RNA (lncRNA) in the Regulation of Hypoxia-Inducible Factor (HIF) in Cancer. 2020 , 6,	14
726	The role of ubiquitination in tumorigenesis and targeted drug discovery. 2020 , 5, 11	133
725	Characterization of Hypoxia Signature to Evaluate the Tumor Immune Microenvironment and Predict Prognosis in Glioma Groups. 2020 , 10, 796	69
724	Hypoxia contributes to galectin-3 expression in renal carcinoma cells. 2021 , 890, 173637	3
723	Patient-derived organoids as individual patient models for chemoradiation response prediction in gastrointestinal malignancies. 2021 , 157, 103190	0
722	The role of Krüppel-like factor 8 in cancer biology: Current research and its clinical relevance. 2021 , 183, 114351	2
721	EMT, cancer stem cells and autophagy; The three main axes of metastasis. 2021 , 133, 110909	42
720	RNA-binding motif protein 39 (RBM39): An emerging cancer target. 2020 ,	2
719	Mechanisms of docetaxel resistance in prostate cancer: The key role played by miRNAs. 2021 , 1875, 188481	9
718	Role of Regular Physical Exercise in Tumor Vasculature: Favorable Modulator of Tumor Milieu. 2021 , 42, 389-406	5
717	Hypoxia-associated alternative splicing signature in lung adenocarcinoma. 2021 , 13, 47-63	6

716	Hypoxia and its therapeutic possibilities in paediatric cancers. 2021 , 124, 539-551	13
715	Interplay between orphan nuclear receptors and androgen receptor-dependent or-independent growth signalings in prostate cancer. 2021 , 78, 100921	3
714	Multiparametric MRI for prediction of treatment response to neoadjuvant FOLFIRINOX therapy in borderline resectable or locally advanced pancreatic cancer. 2021 , 31, 864-874	1
713	Cisplatin-resistant NSCLC cells induced by hypoxia transmit resistance to sensitive cells through exosomal PKM2. 2021 , 11, 2860-2875	33
712	Imaging methods to evaluate tumor microenvironment factors affecting nanoparticle drug delivery and antitumor response. 2021 , 4, 382-413	2
711	Identification of a Novel Glycolysis-Related Gene Signature for Predicting Breast Cancer Survival. 2020 , 10, 596087	10
710	CU06-1004-Induced Vascular Normalization Improves Immunotherapy by Modulating Tumor Microenvironment Cytotoxic T Cells. 2020 , 11, 620166	3
709	Nanotechnology assisted photo- and sonodynamic therapy for overcoming drug resistance. 2021 ,	6
708	Boosting cancer therapy efficiency photoinduced radical production. 2021 , 12, 9500-9505	0
707	Melatonin and hyperbaric oxygen therapies suppress colorectal carcinogenesis through pleiotropic effects and multifaceted mechanisms. 2021 , 17, 3728-3744	3
706	Mimicking Tumor Hypoxia in Non-Small Cell Lung Cancer Employing Three-Dimensional In Vitro Models. 2021 , 10,	12
705	The effect of mitochondrial transplantation therapy from different gender on inhibiting cell proliferation of malignant melanoma. 2021 , 17, 2021-2033	3
704	Exosomal Long Non-Coding RNA: Interaction Between Cancer Cells and Non-Cancer Cells. 2020 , 10, 617837	6
703	Tumor microenvironment-responsive multifunctional nanoplatform based on MnFeO-PEG for enhanced magnetic resonance imaging-guided hypoxic cancer radiotherapy. 2021 , 9, 1625-1637	5
702	SQAP, an acyl sulfoquinovosyl derivative, suppresses expression of histone deacetylase and induces cell death of cancer cells under hypoxic conditions. 2021 , 85, 85-91	1
701	Potentiated antitumor effects of APS001F/5-FC combined with anti-PD-1 antibody in a CT26 syngeneic mouse model. 2021 , 85, 324-331	1
700	Identification of prognostic hypoxia-related genes signature on the tumor microenvironment in esophageal cancer. 2021 , 18, 7743-7758	2
699	Effect of hypoxia on proliferation and glucocorticoid resistance of T-cell acute lymphoblastic leukaemia. 2021 , 26, 775-784	

698	Hypoxic microenvironment induced spatial transcriptome changes in pancreatic cancer. 2021,	3
697	DNA Damage Response in Multiple Myeloma: The Role of the Tumor Microenvironment. 2021, 13,	4
696	Innovative strategies of hydrogen peroxide-involving tumor therapeutics. 2021, 5, 4474-4501	2
695	Current Advances of Nitric Oxide in Cancer and Anticancer Therapeutics. 2021, 9,	19
694	Phototherapy and multimodal imaging of cancers based on perfluorocarbon nanomaterials. 2021, 9, 6751-6769	2
693	Targeting Lysyl Oxidase Family Mediated Matrix Cross-Linking as an Anti-Stromal Therapy in Solid Tumours. 2021, 13,	21
692	A novel hypoxic long noncoding RNA KB-1980E6.3 maintains breast cancer stem cell stemness via interacting with IGF2BP1 to facilitate c-Myc mRNA stability. 2021, 40, 1609-1627	41
691	Tumor microenvironment-activatable boolean logic supramolecular nanotheranostics based on a pillar[6]arene for tumor hypoxia imaging and multimodal synergistic therapy. 2021, 5, 5846-5856	4
690	Normalization of the tumor microvasculature based on targeting and modulation of the tumor microenvironment. 2021, 13, 17254-17271	3
689	Targeting ACS2 with a Transition-State Mimetic Inhibits Triple-Negative Breast Cancer Growth. 2021, 81, 1252-1264	13
688	The role of hypoxia in the tumor microenvironment and development of cancer stem cell: a novel approach to developing treatment. 2021, 21, 62	73
687	The crosstalk between HIFs and mitochondrial dysfunctions in cancer development. 2021, 12, 215	10
686	Berberine-A potent chemosensitizer and chemoprotector to conventional cancer therapies. 2021, 35, 3059-3077	10
685	A novel hypoxia gene signature indicates prognosis and immune microenvironments characters in patients with hepatocellular carcinoma. 2021, 25, 3772-3784	6
684	Antioxidative Stress: Inhibiting Reactive Oxygen Species Production as a Cause of Radioresistance and Chemoresistance. 2021, 2021, 6620306	4
683	An Effective Hypoxia-Related Long Non-Coding RNAs Assessment Model for Prognosis of Clear Cell Renal Carcinoma. 2021, 11, 616722	8
682	Cancer cells adapt FAM134B-BiP complex mediated ER-phagy to survive hypoxic stress.	
681	AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. 2021, 34, 108713	6

680	An Insight into the Anti-Angiogenic and Anti-Metastatic Effects of Oridonin: Current Knowledge and Future Potential. 2021 , 26,	6
679	Biodegradable Polymeric Nanoparticles for Drug Delivery to Solid Tumors. 2021 , 12, 601626	79
678	HIF-1 α -induced expression of m6A reader YTHDF1 drives hypoxia-induced autophagy and malignancy of hepatocellular carcinoma by promoting ATG2A and ATG14 translation. 2021 , 6, 76	28
677	Quantitative Proteomic Approach Reveals Altered Metabolic Pathways in Response to the Inhibition of Lysine Deacetylases in A549 Cells under Normoxia and Hypoxia. 2021 , 22,	0
676	Pivotal Dose of Pembrolizumab: A Dose-Finding Strategy for Immuno-Oncology. 2021 , 110, 200-209	8
675	Fine-Feature Modifications to Strained Ruthenium Complexes Radically Alter Their Hypoxic Anticancer Activity. 2021 ,	6
674	Biocompatible nanoreactors of catalase and nanozymes for anticancer therapeutics. 2021 , 2, 1849	2
673	Identifying Molecular Signatures of Distinct Modes of Collective Migration in Response to the Microenvironment Using Three-Dimensional Breast Cancer Models. 2021 , 13,	0
672	Advances in Drug Resistance of Esophageal Cancer: From the Perspective of Tumor Microenvironment. 2021 , 9, 664816	4
671	The relationship between hypoxia-inducible factor 1 α (HIF-1 α) and patient survival in breast cancer: Systematic review and meta-analysis. 2021 , 159, 103231	1
670	Obesity and Energy Substrate Transporters in Ovarian Cancer-Review. 2021 , 26,	0
669	Multi-Lens Arrays (MLA)-Assisted Photothermal Effects for Enhanced Fractional Cancer Treatment: Computational and Experimental Validations. 2021 , 13,	2
668	The effects of vascularization on tumor development: A systematic review and meta-analysis of pre-clinical studies. 2021 , 159, 103245	1
667	Znaczenie hipoksji w nowotworach głowy i szyi. 2021 , 18, 1-7	
666	Hypoxia-induced therapy resistance: Available hypoxia-targeting strategies and current advances in head and neck cancer. 2021 , 14, 101017	12
665	Therapeutic strategies to overcome taxane resistance in cancer. 2021 , 55, 100754	27
664	Underlying mechanisms and drug intervention strategies for the tumour microenvironment. 2021 , 40, 97	6
663	Development and Validation of a Hypoxia-Associated Prognostic Signature Related to Osteosarcoma Metastasis and Immune Infiltration. 2021 , 9, 633607	13

662	Death Receptor 5 (TNFRSF10B) Is Upregulated and TRAIL Resistance Is Reversed in Hypoxia and Normoxia in Colorectal Cancer Cell Lines after Treatment with Skyrin, the Active Metabolite of spp. 2021 , 13,	2
661	Quantitative In Vivo Monitoring of Hypoxia and Vascularization of Patient-Derived Murine Xenografts of Mantle Cell Lymphoma Using Photoacoustic and Ultrasound Imaging. 2021 , 47, 1099-1107	1
660	Hypoxia-Induced Regulates the Proliferation and Metastasis of Non-Small Cell Lung Cancer Cells. 2021 , 22,	5
659	Expression of Myoglobin in Normal and Cancer Brain Tissues: Correlation With Hypoxia Markers. 2021 , 11, 590771	1
658	Hypoxia-modulatory nanomaterials to relieve tumor hypoxic microenvironment and enhance immunotherapy: Where do we stand?. 2021 , 125, 1-28	9
657	The Tumour Vasculature as a Target to Modulate Leucocyte Trafficking. 2021 , 13,	1
656	NONO-TFE3 Fusion Promotes Aerobic Glycolysis and Angiogenesis by Targeting HIF1A in NONO-TFE3 Translocation Renal Cell Carcinoma. 2021 , 21, 713-723	1
655	Zeolitic Imidazolate Framework Platform for Combinational Starvation Therapy and Oxygen Self-Sufficient Photodynamic Therapy against a Hypoxia Tumor.. 2021 , 4, 4413-4421	2
654	Combining Angiogenesis Inhibitors with Radiation: Advances and Challenges in Cancer Treatment. 2021 , 27, 919-931	4
653	Prion Protein of Extracellular Vesicle Regulates the Progression of Colorectal Cancer. 2021 , 13,	3
652	Metabolic Vulnerabilities in Brain Cancer. 2021 , 32, 159-169	1
651	Bifunctional Therapeutic Peptide Assembled Nanoparticles Exerting Improved Activities of Tumor Vessel Normalization and Immune Checkpoint Inhibition. 2021 , 10, e2100051	5
650	Acoustic Droplet-Assisted Superhydrophilic-Superhydrophobic Microarray Platform for High-Throughput Screening of Patient-Derived Tumor Spheroids. 2021 , 13, 23489-23501	3
649	Polyphenols Modulating Effects of PD-L1/PD-1 Checkpoint and EMT-Mediated PD-L1 Overexpression in Breast Cancer. 2021 , 13,	3
648	A spatially resolved mechanistic growth law for cancer drug development predicting tumour growing fractions.	
647	Mesoporous silica nanoparticle: Heralding a brighter future in cancer nanomedicine. 2021 , 319, 110967	8
646	Fluorescence-Based Quantitative and Spatial Analysis of Tumour Spheroids: A Proposed Tool to Predict Patient-Specific Therapy Response. 2021 , 3, 668390	5
645	Treatment of liver cancer cells with ethyl acetate extract of <i>Crithmum maritimum</i> permits reducing sorafenib dose and toxicity maintaining its efficacy. 2021 , 73, 1369-1376	3

644	Strategies of Alleviating Tumor Hypoxia and Enhancing Tumor Therapeutic Effect by Macromolecular Nanomaterials. 2021 , 21, e2100092	1
643	Intersecting Mechanisms of Hypoxia and Prostaglandin E2-Mediated Inflammation in the Comparative Biology of Oral Squamous Cell Carcinoma. 2021 , 11, 539361	2
642	UCA1 Overexpression Promotes Hypoxic Breast Cancer Cell Proliferation and Inhibits Apoptosis via HIF-1 Activation. 2021 , 2021, 5512156	1
641	Clinical Indications for Treatment with Multi-Kinase Inhibitors in Patients with Radioiodine-Refractory Differentiated Thyroid Cancer. 2021 , 13,	2
640	SLC6A8-mediated intracellular creatine accumulation enhances hypoxic breast cancer cell survival via ameliorating oxidative stress. 2021 , 40, 168	2
639	Isovitexin potentiated the antitumor activity of cisplatin by inhibiting the glucose metabolism of lung cancer cells and reduced cisplatin-induced immunotoxicity in mice. 2021 , 94, 107357	3
638	Overcoming chemotherapy resistance using pH-sensitive hollow MnO nanoshells that target the hypoxic tumor microenvironment of metastasized oral squamous cell carcinoma. 2021 , 19, 157	4
637	Photodynamic therapy synergizes with PD-L1 checkpoint blockade for immunotherapy of CRC by multifunctional nanoparticles. 2021 , 29, 2931-2948	10
636	Glioblastoma Metabolomics-In Vitro Studies. 2021 , 11,	0
635	Aspects of the Tumor Microenvironment Involved in Immune Resistance and Drug Resistance. 2021 , 12, 656364	23
634	Identification and validation of a hypoxia-related prognostic and immune microenvironment signature in bladder cancer. 2021 , 21, 251	5
633	Immunotherapy Using Oxygenated Water and Tumor-Derived Exosomes Potentiates Antitumor Immune Response and Attenuates Malignancy Tendency in Mice Model of Breast Cancer. 2021 , 2021, 5529484	0
632	Hypoxic colorectal cancer-secreted exosomes deliver miR-210-3p to normoxic tumor cells to elicit a protumoral effect. 2021 , 246, 1895-1906	5
631	A four-hypoxia-genes-based prognostic signature for oral squamous cell carcinoma. 2021 , 21, 232	3
630	Hypoxia-dependent drivers of melanoma progression. 2021 , 40, 159	11
629	ERO1-PDI Redox Signaling in Health and Disease. 2021 , 35, 1093-1115	0
628	Metabolic regulation in the immune response to cancer. 2021 , 41, 661-694	4
627	Inhibition of Carbonic Anhydrase IX Promotes Apoptosis through Intracellular pH Level Alterations in Cervical Cancer Cells. 2021 , 22,	6

626	Determinants of resistance to VEGF-TKI and immune checkpoint inhibitors in metastatic renal cell carcinoma. 2021 , 40, 186	13
625	Smart Nanoparticles for Chemo-Based Combinational Therapy. 2021 , 13,	7
624	Tumor spheroid-based microtumor models for preclinical evaluation of anticancer nanomedicines. 2021 , 51, 541-553	1
623	ZIF-Based Nanoparticles Combine X-Ray-Induced Nitrosative Stress with Autophagy Management for Hypoxic Prostate Cancer Therapy. 2021 , 60, 15472-15481	12
622	Promotes the Development of Colorectal Cancer by Activating a Cytochrome P450/Epoxyoctadecenoic Acid Axis via TLR4/Keap1/NRF2 Signaling. 2021 , 81, 4485-4498	9
621	Optimizing NK Cell-Based Immunotherapy in Myeloid Leukemia: Abrogating an Immunosuppressive Microenvironment. 2021 , 12, 683381	1
620	ZIF-Based Nanoparticles Combine X-Ray-Induced Nitrosative Stress with Autophagy Management for Hypoxic Prostate Cancer Therapy. 2021 , 133, 15600-15609	0
619	Role of TRPM7 kinase in cancer. 2021 , 96, 102400	2
618	TMEM45A Affects Proliferation, Apoptosis, Epithelial-Mesenchymal Transition, Migration, Invasion and Cisplatin Resistance of HPV-Positive Cervical Cancer Cell Lines. 2021 , 1	2
617	Carcinoma associated fibroblasts small extracellular vesicles with low miR-7641 promotes breast cancer stemness and glycolysis by HIF-1 β . 2021 , 7, 176	4
616	Tumor hypoxia: The major culprit behind cisplatin resistance in cancer patients. 2021 , 162, 103327	7
615	Recent advances in tissue engineering and anticancer modalities with photosynthetic microorganisms as potent oxygen generators. 2021 , 1, 100005	6
614	Regulatory Mechanisms and Functional Roles of Hypoxia-Induced Long Non-Coding RNA in Breast Cancer Cells. 2021 , 11, 663114	4
613	Characterization of Hypoxia-Related Molecular Subtypes in Clear Cell Renal Cell Carcinoma to Aid Immunotherapy and Targeted Therapy Multi-Omics Analysis. 2021 , 8, 684050	4
612	Hyperbaric oxygen suppressed tumor progression through the improvement of tumor hypoxia and induction of tumor apoptosis in A549-cell-transferred lung cancer. 2021 , 11, 12033	7
611	Modeling adaptive drug resistance of colorectal cancer and therapeutic interventions with tumor spheroids. 2021 , 246, 2372-2380	0
610	Direct Readout Hypoxia Tumor Suppression In Vivo through NIR-Theranostic Activation.. 2021 , 4, 5686-5694	2
609	Design, Synthesis and In-Vitro Biological Evaluation of Antofine and Tylophorine Prodrugs as Hypoxia-Targeted Anticancer Agents. 2021 , 26,	1

608	Regulatory mechanisms of immune checkpoints PD-L1 and CTLA-4 in cancer. 2021 , 40, 184	53
607	Peritumoral edema in breast cancer at preoperative MRI: an interpretative study with histopathological review toward understanding tumor microenvironment. 2021 , 11, 12992	1
606	Targeting Signalling Cross-Talk between Cancer Cells and Cancer-Associated Fibroblast through Monocarboxylate Transporters in Head and Neck Cancer. 2021 , 21, 1369-1378	3
605	Mutations and expression profile of EDIL3 and correlation with HIF1A and tumor-associated carbonic anhydrases in pancreatic cancer.	
604	Design and Engineering of Hypoxia and Acidic pH Dual-Stimuli-Responsive Intelligent Fluorescent Nanoprobe for Precise Tumor Imaging. 2021 , 17, e2100243	11
603	Identification and Validation of Autophagy-Related Gene Nomograms to Predict the Prognostic Value of Patients with Cervical Cancer. 2021 , 2021, 5583400	0
602	Associations between initiating antihypertensive regimens on stage I-III colorectal cancer outcomes: A Medicare SEER cohort analysis. 2021 , 10, 5347-5357	2
601	Protective Effects of Collagen Tripeptides in Human Aortic Endothelial Cells by Restoring ROS-Induced Transcriptional Repression. 2021 , 13,	1
600	Loss of androgen receptor promotes HCC invasion and metastasis via activating circ-LNPEP/miR-532-3p/RAB9A signal under hypoxia. 2021 , 557, 26-32	5
599	Advances and Limitations of Antibody Drug Conjugates for Cancer. 2021 , 9,	16
598	Modulation of cell physiology under hypoxia in pancreatic cancer. 2021 , 27, 4582-4602	4
597	Effect of the Hypoxia Inducible Factor on Sorafenib Resistance of Hepatocellular Carcinoma. 2021 , 11, 641522	4
596	A hypoxia risk signature for the tumor immune microenvironment evaluation and prognosis prediction in acute myeloid leukemia. 2021 , 11, 14657	2
595	Can Targeting Hypoxia-Mediated Acidification of the Bone Marrow Microenvironment Kill Myeloma Tumor Cells?. 2021 , 11, 703878	1
594	A Hypoxia Gene-Based Signature to Predict the Survival and Affect the Tumor Immune Microenvironment of Osteosarcoma in Children. 2021 , 2021, 5523832	6
593	Green synthesis of gold nanoparticles for immune response regulation: Mechanisms, applications, and perspectives. 2021 ,	4
592	Expression of Predicts Prognosis of Clear Cell Renal Cell Carcinoma. 2021 , 12, 683173	0
591	DNA damage repair: historical perspectives, mechanistic pathways and clinical translation for targeted cancer therapy. 2021 , 6, 254	30

590	Hypoxia-activated prodrug derivatives of anti-cancer drugs: a patent review 2006 - 2021. 2021 , 1-12	4
589	Hypoxic exosomal HIF-1 β -stabilizing circZNF91 promotes chemoresistance of normoxic pancreatic cancer cells via enhancing glycolysis. 2021 , 40, 5505-5517	19
588	Isorhamnetin Promotes MKN-45 Gastric Cancer Cell Apoptosis by Inhibiting PI3K-Mediated Adaptive Autophagy in a Hypoxic Environment. 2021 , 69, 8130-8143	1
587	Targeting Axl favors an antitumorigenic microenvironment that enhances immunotherapy responses by decreasing Hif-1 β levels. 2021 , 118,	10
586	Is a Novel and Potential Biomarker in Lung Adenocarcinoma and Shapes the Immune-Suppressive Tumor Microenvironment. 2021 , 12, 677169	1
585	Tumor-associated neutrophils: orchestrating cancer pathobiology and therapeutic resistance. 2021 , 25, 573-583	4
584	Targeting Microenvironment of Melanoma and Head and Neck Cancers in Photodynamic Therapy.. 2022 , 29, 3261-3299	1
583	Lineage-specific mechanisms and drivers of breast cancer chemoresistance revealed by 3D biomimetic culture. 2021 ,	4
582	Angiogenic activities are increased via upregulation of HIF-1 β expression in gefitinib-resistant non-small cell lung carcinoma cells. 2021 , 22, 671	2
581	Constructe a novel 5 hypoxia genes signature for cervical cancer. 2021 , 21, 345	3
580	A Robust Hypoxia Risk Score Predicts the Clinical Outcomes and Tumor Microenvironment Immune Characters in Bladder Cancer. 2021 , 12, 725223	7
579	The Effects of Physical Exercise on Tumor Vasculature: Systematic Review and Meta-analysis. 2021 ,	2
578	Construction of cancer-on-a-chip for drug screening. 2021 , 26, 1875-1890	4
577	Modulating Endogenous Oxygen Consumption Enhanced AIEgens-Mediated Photodynamic Therapy against Advanced Bladder Tumor. 2021 , 38, 2100048	0
576	FUT11 is a target gene of HIF1 β that promotes the progression of hepatocellular carcinoma. 2021 , 45, 2275-2286	2
575	Fibroblast Activation Protein (FAP)-Targeted CAR-T Cells: Launching an Attack on Tumor Stroma. 2021 , 10, 313-323	6
574	Nano-ablative immunotherapy for cancer treatment. 2021 , 10, 3247-3266	1
573	Self-Assembled Fluorosome-Polydopamine Complex for Efficient Tumor Targeting and Commingled Photodynamic/Photothermal Therapy of Triple-Negative Breast Cancer. 2021 , 22, 3926-3940	3

572	An Engineered Patient-Derived Tumor Organoid Model That Can Be Disassembled to Study Cellular Responses in a Graded 3D Microenvironment. 2021 , 31, 2105349	4
571	A Small Molecule Strategy for Targeting Cancer Stem Cells in Hypoxic Microenvironments and Preventing Tumorigenesis. 2021 , 143, 14115-14124	7
570	Hypoxia Promotes Breast Cancer Cell Growth by Activating a Glycogen Metabolic Program. 2021 , 81, 4949-4963	4
569	MCM5 Aggravates the HDAC1-Mediated Malignant Progression of Lung Cancer. 2021 , 9, 669132	2
568	Activity and mechanism of acquired resistance to tarloxotinib in mutant lung cancer: an study. 2021 , 10, 3659-3670	4
567	Tirapazamine suppress osteosarcoma cells in part through SLC7A11 mediated ferroptosis. 2021 , 567, 118-124	6
566	A General Overview on the Hyperbaric Oxygen Therapy: Applications, Mechanisms and Translational Opportunities. 2021 , 57,	8
565	Recent Updates on Mechanisms of Resistance to 5-Fluorouracil and Reversal Strategies in Colon Cancer Treatment. 2021 , 10,	7
564	Perfluorocarbons Therapeutics in Modern Cancer Nanotechnology for Hypoxiainduced Anti-tumor Therapy. 2021 , 27, 4376-4387	
563	Nanomedicine in boron neutron capture therapy for cancer treatment: opportunities, challenges and future perspectives. 2021 , 16, 1631-1634	
562	Hypoxia-Inducible Factor-1 α (HIF-1 α) Inhibition Impairs Retinoic Acid-Induced Differentiation in SH-SY5Y Neuroblastoma Cells, Leading to Reduced Neurite Length and Diminished Gene Expression Related to Cell Differentiation. 2021 , 1	0
561	Spatially resolved quantification of drug metabolism and efficacy in 3D paper-based tumor mimics. 2021 , 1186, 339091	1
560	Comprehensive Analysis of Clinical Significance, Immune Infiltration and Biological Role of mA Regulators in Early-Stage Lung Adenocarcinoma. 2021 , 12, 698236	0
559	Recent advances in regenerative medicine strategies for cancer treatment. 2021 , 141, 111875	8
558	Oxygen transport to mammalian cell and bacteria using nano-sized liposomes encapsulating oxygen molecules. 2021 , 132, 657-665	1
557	Loss-of-Function Genetic Screening Identifies Aldolase A as an Essential Driver for Liver Cancer Cell Growth Under Hypoxia. 2021 , 74, 1461-1479	15
556	Identification and Validation of Hypoxia-Related lncRNA Signature as a Prognostic Model for Hepatocellular Carcinoma. 2021 , 12, 744113	2
555	lncRNA ZNFTR functions as an inhibitor in pancreatic cancer by modulating ATF3/ZNF24/VEGFA pathway. 2021 , 12, 830	3

554	The Role of the Hedgehog Pathway in Cholangiocarcinoma. 2021 , 13,	3
553	Hypoxia-Related lncRNA Correlates With Prognosis and Immune Microenvironment in Lower-Grade Glioma. 2021 , 12, 731048	4
552	Yap-Hippo Signaling Activates Mitochondrial Protection and Sustains Breast Cancer Viability under Hypoxic Stress. 2021 , 2021, 5212721	0
551	Uncovering the interplay between pH receptors and immune cells: Potential drug targets (Review). 2021 , 46,	2
550	Characterization of hypoxia response patterns identified prognosis and immunotherapy response in bladder cancer. 2021 , 22, 277-293	2
549	Glioblastoma multiforme (GBM): An overview of current therapies and mechanisms of resistance. 2021 , 171, 105780	37
548	Novel Anti-Angiogenic and Anti-Tumour Activities of the N-Terminal Domain of NOEY2 via Binding to VEGFR-2 in Ovarian Cancer. 2021 , 29, 506-518	2
547	Metabolic reprogramming due to hypoxia in pancreatic cancer: Implications for tumor formation, immunity, and more. 2021 , 141, 111798	8
546	A pair of long intergenic non-coding RNA LINC00887 variants act antagonistically to control Carbonic Anhydrase IX transcription upon hypoxia in tongue squamous carcinoma progression. 2021 , 19, 192	2
545	The cytotoxic effect of <i>Baekkea frutescens</i> extracts in eliminating hypoxic breast cancer cells. 2021 , 21, 245	0
544	Time-gated Raman spectroscopy and proteomics analyses of hypoxic and normoxic renal carcinoma extracellular vesicles. 2021 , 11, 19594	2
543	The Role of non-coding RNAs in colorectal cancer, with a focus on its autophagy. 2021 , 226, 107868	33
542	Nitro-Pyrazinotriazapentalene scaffolds Nitroreductase quantification and in vitro fluorescence imaging of hypoxia. 2021 , 346, 130504	2
541	Hypoxia-alleviated nanoplatform to enhance chemosensitivity and sonodynamic effect in pancreatic cancer. 2021 , 520, 100-108	5
540	An intelligent hypoxia-relieving chitosan-based nanoplatform for enhanced targeted chemo-sonodynamic combination therapy on lung cancer. 2021 , 274, 118655	6
539	Co-delivery of gefitinib and hematoporphyrin by aptamer-modified fluorinated dendrimer for hypoxia alleviation and enhanced synergistic chemo-photodynamic therapy of NSCLC. 2021 , 167, 106004	4
538	Evaluating the mechanisms of action and subcellular localization of ruthenium(II)-based photosensitizers. 2021 , 225, 113770	2
537	Proof of concept for dual anticancer effects by a novel nanomaterial-mediated cancer cell killing and nano-radiosensitization. 2022 , 429, 132328	2

536	Targeting hypoxia in the tumor microenvironment: a potential strategy to improve cancer immunotherapy. 2021 , 40, 24	46
535	Determination of hypoxia signature to predict prognosis and the tumor immune microenvironment in melanoma. 2021 , 17, 307-316	8
534	The Strange Case of Jekyll and Hyde: Parallels Between Neural Stem Cells and Glioblastoma-Initiating Cells. 2020 , 10, 603738	1
533	Chemotherapeutic effects on breast tumor hemodynamics revealed by eigenspectra multispectral optoacoustic tomography (eMSOT). 2021 , 11, 7813-7828	1
532	The molecular feature of macrophages in tumor immune microenvironment of glioma patients. 2021 , 19, 4603-4618	16
531	Hypoxia Molecular Characterization in Hepatocellular Carcinoma Identifies One Risk Signature and Two Nomograms for Clinical Management. 2021 , 2021, 6664386	19
530	Regulatory T Cells in the Tumor Microenvironment. 2020 , 1273, 105-134	7
529	A Simple Aggregation-Induced Emission Nanoprobe with Deep Tumor Penetration for Hypoxia Detection and Imaging-Guided Surgery. 2021 , 93, 1627-1635	5
528	Optical and magnetic resonance imaging approaches for investigating the tumour microenvironment: state-of-the-art review and future trends. 2021 , 32, 062001	8
527	Advance in metabolism and target therapy in breast cancer stem cells. 2020 , 12, 1295-1306	5
526	Neutrophils correlate with hypoxia microenvironment and promote progression of non-small-cell lung cancer. 2021 , 12, 8872-8884	1
525	Metabolic reprogramming of MDSCs within tumor microenvironment and targeting for cancer immunotherapy. 2021 ,	0
524	Extracellular vesicle interactions with the external and internal exposome in mediating carcinogenesis. 2021 , 101039	2
523	The role of Siah2 in tumorigenesis and cancer therapy. 2022 , 809, 146028	3
522	Establishment of a novel ferroptosis-related lncRNA pair prognostic model in colon adenocarcinoma. 2021 , 13, 23072-23095	6
521	Biology of cancer; from cellular and molecular mechanisms to developmental processes and adaptation. 2021 ,	3
520	Development and Verification of the Hypoxia- and Immune-Associated Prognostic Signature for Pancreatic Ductal Adenocarcinoma. 2021 , 12, 728062	3
519	Long non-coding RNA SOS1-IT1 promotes endometrial cancer progression by regulating hypoxia signaling pathway. 2021 , 1	0

518	Physiological Roles of Mammalian Transmembrane Adenylyl Cyclase Isoforms. 2021 ,	1
517	Gold nanoparticles and obese adipose tissue microenvironment in cancer treatment. 2022 , 525, 1-8	2
516	Roxadustat (FG-4592) protects against ischaemia/reperfusion-induced acute kidney injury through inhibiting the mitochondrial damage pathway in mice. 2021 ,	1
515	iHypoxia: an integrative database of the expression dynamics of proteins in response to hypoxia in animals.	
514	The impact of hypoxia on immune state in cancer. 2021 , 286, 120057	8
513	Current theranostic approaches for metastatic cancers through hypoxia-induced exosomal packaged cargo. 2021 , 286, 120017	0
512	Construction and Verification of a Hypoxia-Stemness-Based Gene Signature for Risk Stratification in Esophageal Cancer. 2021 , 27, e934359	0
511	Current Understandings and Clinical Translation of Nanomedicines for Breast Cancer Therapy. 2021 , 180, 114034	5
510	Targeting lactate metabolism and glycolytic pathways in the tumor microenvironment by natural products: A promising strategy in combating cancer. 2021 ,	5
509	Hyaluronic Acid Improves Hydrogen Peroxide Modulatory Effects on Calcium Channel and Sodium-Potassium Pump in 4T1 Breast Cancer Cell Line. 2020 , 2020, 8681349	1
508	Identification of a Hypoxia-Related Gene Signature and Establishment of a Nomogram for Predicting Prognosis in Esophageal Squamous Cell Carcinoma.	
507	NO-HDAC dual inhibitors. 2022 , 227, 113934	1
506	Mimetic sea cucumber-shaped nanoscale metal-organic frameworks composite for enhanced photodynamic therapy. 2022 , 197, 109920	3
505	Hypoxia and Proton microbeam: Role of Gap Junction Intercellular Communication in Inducing Bystander Responses on Human Lung Cancer Cells and Normal Cells. 2022 ,	1
504	Identification and characterization of the hypoxia response regulatory elements in the accessible genome.	
503	Nanozymes in Tumor Theranostics. 2021 , 11, 666017	2
502	Engineered Bacteria Enhance Immunotherapy and Targeted Therapy through Stromal Remodeling of Tumors. 2021 , 11, e2101487	3
501	A novel hypoxia gene signature indicates prognosis and reveals the multi-omics molecular landscape of tumour tissue in patients with hepatocellular carcinoma.	

500	MOB1A regulates glucose deprivation-induced autophagy via IL6-STAT3 pathway in gallbladder carcinoma. 2020 , 10, 3896-3910	2
499	Hypoxia inducible factor-3 β promotes osteosarcoma progression by activating KDM3A-mediated demethylation of SOX9. 2021 , 351, 109759	1
498	Palliating the escalated post-PDT tumor hypoxia with a dual cascade oxygenation nanocomplex. 2022 , 26, 101287	0
497	MicroRNA Cues from Nature: A Roadmap to Decipher and Combat Challenges in Human Health and Disease?. 2021 , 10,	2
496	Hypoxia-Induced LncRNA-MIR210HG Promotes Cancer Progression By Inhibiting HIF-1 β Degradation in Ovarian Cancer.. 2021 , 11, 701488	0
495	Prognostic Value of SLC16A3(MCT4) in Lung Adenocarcinoma and Its Clinical Significance. 2021 , 14, 8413-84258	
494	A Hypoxia-Associated Prognostic Gene Signature Risk Model and Prognosis Predictors in Gliomas. 2021 , 11, 726794	1
493	RASA4 inhibits the HIF β signaling pathway to suppress proliferation of cervical cancer cells. 2021 , 12, 10723-10733	1
492	Photosynthetic Oxygenation-Augmented Sonodynamic Nanotherapy of Hypoxic Tumors. 2021 , e2102135	4
491	Insights Into the Regulation of Gynecological Inflammation-Mediated Malignancy by Metalloproteinases.. 2021 , 9, 780510	0
490	Shuyu pills inhibit immune escape and enhance chemosensitization in hepatocellular carcinoma. 2021 , 13, 1725-1740	1
489	Hypoxia Enhances Activity and Malignant Behaviors of Colorectal Cancer Cells through the STAT3/MicroRNA-19a/PTEN/PI3K/AKT Axis. 2021 , 2021, 4132488	2
488	Application of nanotechnology in the diagnosis and treatment of bladder cancer. 2021 , 19, 393	3
487	Obesity, Diabetes, and Increased Cancer Progression. 2021 , 45, 799-812	6
486	Therapeutic Influence on Important Targets Associated with Chronic Inflammation and Oxidative Stress in Cancer Treatment. 2021 , 13,	2
485	"Four-in-One" Nanozyme and Natural Enzyme Symbiotic System of Cu Se-GOx for Cervical Cancer Therapy. 2021 ,	2
484	Co-delivery of doxorubicin and curcumin via cRGD-peptide modified MPEG-PLA self-assembly nanomicelles for lung cancer therapy. 2021 ,	0
483	Hypoxia Induced Stress Responses in Cancer and Cancer-Stem Cells. 2021 , 1-15	

482	Targeted Anti-Cancer Provascular Therapy Using Ultrasound, Microbubbles, and Nitrite to Increase Radiotherapy Efficacy.. 2022 ,	0
481	Hypoxic Breast Cancer Cell-Derived Exosomal SNHG1 Promotes Breast Cancer Growth and Angiogenesis via Regulating miR-216b-5p/JAK2 Axis.. 2022 , 14, 123-133	5
480	Red blood cells protein profile is modified in breast cancer patients.	0
479	Anti-hypoxia nanosized drug delivery systems improving cancer therapy. 2022 , 42, 101376	1
478	Proteolysis of a histone acetyl reader, ATAD2, induces chemoresistance of cancer cells under severe hypoxia by inhibiting cell cycle progression in S phase.. 2021 , 528, 76-76	0
477	Rhodol-derived turn-on fluorescent chemosensor for ultrasensitive detection of nitroreductase activity in bacteria and bioimaging in oral cancer cells.. 2021 , 270, 120836	
476	8DEstablishment and validation of a hypoxia-related signature predicting prognosis in hepatocellular carcinoma.. 2021 , 21, 463	2
475	Improving therapeutic resistance: beginning with targeting the tumor microenvironment. 2021 , 1-25	0
474	Cinnamaldehyde Downregulation of Sept9 Inhibits Glioma Progression through Suppressing Hif-1 via the Pi3k/Akt Signaling Pathway.. 2022 , 2022, 6530934	0
473	Hybrid Nanostructures for Biomedical Applications. 2022 , 275-301	
472	Dilemma in selection of treatment for preoperative anemia in patients with gastric cancer. 2022 , 30, 92-99	
471	Advanced applications of cerium oxide based nanozymes in cancer.. 2022 , 12, 1486-1493	6
470	Targeted pH/redox dual-responsive nanoparticles for cancer chemotherapy combined with photodynamic/photothermal therapy.	1
469	Hypoxia-Induced Stress Responses in Cancer and Cancer Stem Cells. 2022 , 1829-1843	
468	Melatonin: Regulation of Prion Protein Phase Separation in Cancer Multidrug Resistance.. 2022 , 27,	3
467	Identification of a Hypoxia-Related lncRNA Biomarker Signature for Head and Neck Squamous Cell Carcinoma.. 2022 , 2022, 6775496	0
466	Immunofluorescence-Based Method to Assess Cancer Biomarker in the Hypoxic Region of the Tumor.. 2022 , 2413, 37-43	
465	Engineering Macrophages Nanotechnology and Genetic Manipulation for Cancer Therapy.. 2021 , 11, 786913	0

464	Biomimetic Activator of Sonodynamic Ferroptosis Amplifies Inherent Peroxidation for Improving the Treatment of Breast Cancer.. 2022 , e2106568	7
463	Hypoxia represses early responses of prostate and renal cancer cells to YM155 independent of HIF-1 β and HIF-2 β 2022 , 3, 100076	0
462	Directing hypoxic tumor microenvironment and HIF to illuminate cancer immunotherapy's existing prospects and challenges in drug targets.. 2022 ,	1
461	Managing GSH elevation and hypoxia to overcome resistance of cancer therapies using functionalized nanocarriers. 2022 , 67, 103022	0
460	Escape From Cisplatin-Induced Senescence of Hypoxic Lung Cancer Cells Can Be Overcome by Hydroxychloroquine.. 2021 , 11, 738385	1
459	Development and validation of an immune-related prognosis signature associated with hypoxia and ferroptosis in hepatocellular carcinoma.. 2022 ,	0
458	Novel humanized monoclonal antibodies for targeting hypoxic human tumors via two distinct extracellular domains of carbonic anhydrase IX.. 2022 , 10, 3	3
457	Self-assembled tetrahedral framework nucleic acid mediates tumor-associated macrophage reprogramming and restores antitumor immunity.. 2022 , 27, 763-773	0
456	Nanomedicine for Brain Cancer.. 2022 , 182, 114115	6
455	Identification of Hypoxia-Immune-Related Gene Signatures and Construction of a Prognostic Model in Kidney Renal Clear Cell Carcinoma.. 2021 , 9, 796156	0
454	MiR-182-5p inhibits the tumorigenesis of clear cell renal cell carcinoma by repressing UBE2T.. 2022 , 35, 542	4
453	Intracellular and Intravascular Oxygen Sensing of Pancreatic Tissues Based on Phosphorescence Lifetime Imaging Microscopy Using Lipophilic and Hydrophilic Iridium(III) Complexes.. 2022 ,	5
452	Osthole Exerts Inhibitory Effects on Hypoxic Colon Cancer Cells via EIF2[Formula: see text] Phosphorylation-mediated Apoptosis and Regulation of HIF-1[Formula: see text].. 2022 , 1-17	0
451	Construction and Verification of a Combined Hypoxia and Immune Index for Clear Cell Renal Cell Carcinoma.. 2022 , 13, 711142	0
450	Radiotherapy resistance: identifying universal biomarkers for various human cancers.. 2022 , 1	0
449	Establishment and External Validation of a Hypoxia-Derived Gene Signature for Robustly Predicting Prognosis and Therapeutic Responses in Glioblastoma Multiforme.. 2022 , 2022, 7858477	1
448	A Novel Glycolysis and Hypoxia Combined Gene Signature Predicts the Prognosis and Affects Immune Infiltration of Patients with Colon Cancer.. 2022 , 15, 1413-1427	0
447	Bimetallic PdPt-based nanocatalysts for Photothermal-Augmented tumor starvation and sonodynamic therapy in NIR-II biowindow assisted by an oxygen Self-Supply strategy. 2022 , 435, 135085	3

446	Nanoparticles for Cancer Therapy: Current Progress and Challenges. 2021 , 16, 173	40
445	Emerging Nano-Based Strategies Against Drug Resistance in Tumor Chemotherapy.. 2021 , 9, 798882	4
444	Hypoxia-related prognostic model in bladder urothelial reflects immune cell infiltration. 2021 , 11, 5076-5093	
443	Recent Advancements in Nanomaterials for Photodynamic Therapy of Cancers. 2022 , 1-24	
442	Importance of radiobiological studies for the advancement of boron neutron capture therapy (BNCT).. 2022 , 24, e14	0
441	Emerging roles of lncRNA in Nasopharyngeal Carcinoma and therapeutic opportunities.. 2022 , 18, 2714-2728	1
440	Analysis of single-cell RNA-sequencing data identifies a hypoxic tumor subpopulation associated with poor prognosis in triple-negative breast cancer. 2022 , 19, 5793-5812	0
439	Pan-Cancer Analysis and Validation Reveals that D-Dimer-Related Genes are Prognostic and Downregulate CD8 T Cells TGF-Beta Signaling in Gastric Cancer.. 2022 , 9, 790706	1
438	Targeting HIF-2 β in the Tumor Microenvironment: Redefining the Role of HIF-2 β for Solid Cancer Therapy.. 2022 , 14,	1
437	Chemokines and cytokines: Axis and allies in prostate cancer pathogenesis.. 2022 ,	1
436	Carbonic Anhydrase Inhibitors Featuring a Porphyrin Scaffold: Synthesis, Optical and Biological Properties.	
435	Metallic Nanoparticles for the Modulation of Tumor Microenvironment; A New Horizon.. 2022 , 10, 847433	2
434	Recent Progress of Novel Nanotechnology Challenging the Multidrug Resistance of Cancer.. 2022 , 13, 776895	0
433	Bcl-2 interacting protein 3 (BNIP3) promotes tumor growth in breast cancer under hypoxic conditions through an autophagy-dependent pathway.. 2022 , 13, 6280-6292	1
432	Drug delivery strategy in hepatocellular carcinoma therapy.. 2022 , 20, 26	1
431	Microfluidic Tissue Engineering and Bio-actuation.. 2022 , e2108427	4
430	Recombinant human erythropoietin accelerated the proliferation of non-small cell lung cancer cell lines and reduced the expression of VEGF, HIF-1 α and PD-L1 under a simulated hypoxic environment in vitro.	
429	Therapy resistance: opportunities created by adaptive responses to targeted therapies in cancer.. 2022 ,	9

428	A review on the design, synthesis, and structure-activity relationships of benzothiazole derivatives against hypoxic tumors.. 2022 ,		
427	Pan-cancer Bioinformatics Analysis of the Double-edged Role of Hypoxia-inducible Factor 1 α (HIF-1 α) in Human Cancer.. 2022 , 2, 263-278		
426	A-Kinase Interacting Protein 1 Promotes Cell Invasion and Stemness Activating HIF-1 α and β -Catenin Signaling Pathways in Gastric Cancer Under Hypoxia Condition.. 2021 , 11, 798557		0
425	BAG family proteins contributes to autophagy-mediated multidrug resistance of tumor.. 2022 , 1		0
424	A Brief History of Oxygen: 250 Years on. 2022 , 2, 31-39		2
423	Biomimetic ZIF8 Nanosystem With Tumor Hypoxia Relief Ability to Enhance Chemo-Photothermal Synergistic Therapy.. 2022 , 13, 850534		0
422	Glycogen synthase kinase GSK3 β promotes tumorigenesis by activating HIF1/VEGFA signaling pathway in NSCLC tumor.. 2022 , 20, 32		0
421	Hypoxia-induced circWSB1 promotes breast cancer progression through destabilizing p53 by interacting with USP10.. <i>Molecular Cancer</i> , 2022 , 21, 88	42.1	1
420	JAK/STAT Signaling: Molecular Targets, Therapeutic Opportunities, and Limitations of Targeted Inhibitions in Solid Malignancies.. 2022 , 13, 821344		3
419	Implication of metabolomics and transporter modulation based strategies to minimize multidrug resistance and enhance site-specific bioavailability: a needful consideration toward modern anticancer drug discovery.. 2022 , 1-19		0
418	Targeting tumor innervation: premises, promises, and challenges.. 2022 , 8, 131		1
417	Ketogenic Diet as Adjunctive Therapy for Malignant Brain Cancer. 2022 , 125-153		
416	Hypoxia-induced PVT1 promotes lung cancer chemoresistance to cisplatin by autophagy via PVT1/miR-140-3p/ATG5 axis.. 2022 , 8, 104		0
415	Hypoxic Microenvironment-Induced Reduction in PTEN-L Secretion Promotes Non-Small Cell Lung Cancer Metastasis through PI3K/AKT Pathway.. 2022 , 2022, 6683104		
414	Normobaric hyperoxia re-sensitizes paclitaxel-resistant lung cancer cells. 1		1
413	Hypoxia-induced HIF-1 α lncRNA-PMAN inhibits ferroptosis by promoting the cytoplasmic translocation of ELAVL1 in peritoneal dissemination from gastric cancer.. 2022 , 52, 102312		3
412	Nanosopic characterization of hepatocytes treated with normoxic and hypoxic tumor-derived exosomes.. 2022 , 158, 103283		
411	Bacteria-driven hypoxia targeting delivery of chemotherapeutic drug proving outcome of breast cancer.. 2022 , 20, 178		1

410	Recent updates on innovative approaches to overcome drug resistance for better outcomes in cancer.. 2022 ,	2
409	Iron metabolism: State of the art in hypoxic cancer cell biology.. 2022 , 109199	0
408	Therapeutic Potential of Plantamajoside. 1	1
407	Genomic and Molecular Signatures of Successful Patient-Derived Xenografts for Oral Cavity Squamous Cell Carcinoma.. 2022 , 12, 792297	0
406	Nanoparticle-based drug delivery systems to overcome gastric cancer drug resistance. 2022 , 70, 103231	2
405	Homogenous multifunctional microspheres induce ferroptosis to promote the anti-hepatocarcinoma effect of chemoembolization.. 2022 , 20, 179	2
404	Drug-loaded nanoparticles conjugated with genetically engineered bacteria for cancer therapy.. 2022 , 606, 29-34	0
403	Insight into the spatial interaction of D-BA bridge derived cyanines and nitroreductase for fluorescent cancer hypoxia detection.. 2022 , 273, 121031	
402	Dendritic cell-based cancer immunotherapy in the era of immune checkpoint inhibitors: From bench to bedside.. 2022 , 120466	2
401	Regulation of growth, invasion and metabolism of breast ductal carcinoma through CCL2/CCR2 signaling interactions with MET receptor tyrosine kinases.. 2022 , 28, 100791	1
400	Fabrication of a zeolite imidazole framework-8-based red emitting nanocomposite for sensitive detection of nitro reductase. 2022 , 202, 110220	0
399	In situ injectable nano-complexed hydrogel based on chitosan/dextran for combining tumor therapy via hypoxia alleviation and TAMs polarity regulation.. 2022 , 288, 119418	1
398	The Expression of Glutaminases and their Association with Clinicopathological Parameters in the Head and Neck Cancers.. 2021 ,	0
397	Circular RNA circYPEL2: A Novel Biomarker in Cervical Cancer.. 2021 , 13,	2
396	Mitochondria-targeted nanoplatfoms for enhanced photodynamic therapy against hypoxia tumor.. 2021 , 19, 440	0
395	Ultrastructural changes in cristae of lymphoblasts in acute lymphoblastic leukemia parallel alterations in biogenesis markers.. 2021 , 51, 20	
394	Distinct Hypoxia-Related Gene Profiling Characterizes Clinicopathological Features and Immune Status of Mismatch Repair-Deficient Colon Cancer.. 2021 , 2021, 2427427	0
393	Development and verification of a hypoxia- and immune-associated prognosis signature for esophageal squamous cell carcinoma.. 2022 , 13, 462-477	0

392	Induction of lncRNA NORAD accounts for hypoxia-induced chemoresistance and vasculogenic mimicry in colorectal cancer by sponging the miR-495-3p/ hypoxia-inducible factor-1 α (HIF-1 α). 2022 , 13, 950-962	0
391	The Strategy of Precise Targeting and In Situ Oxygenating for Enhanced Triple-Negative Breast Cancer Chemophototherapy.	1
390	Uncovering a Hub Signaling Pathway of Antimicrobial-Antifungal-Anticancer Peptides' Axis on Short Cationic Peptides via Network Pharmacology Study.. 2022 , 23,	0
389	Cancer cells adapt FAM134B/BiP mediated ER-phagy to survive hypoxic stress.. 2022 , 13, 357	2
388	Identification of a combined apoptosis and hypoxia gene signature for predicting prognosis and immune infiltration in breast cancer.. 2022 ,	0
387	Dual Aptamers Engineering M1 Macrophage with Enhanced Specific Targeting and Checkpoint Blocking for Solid Tumor Immunotherapy.. 2022 ,	3
386	Hypoxia-Induced circRNAs in Human Diseases: From Mechanisms to Potential Applications.. 2022 , 11,	
385	A Hypoxia-Related Signature for Predicting Prognosis, Cellular Processes, Immune Microenvironment and Targeted Compounds in Lung Squamous Cell Carcinoma.. 2022 , 15, 3991-4006	
384	Overcoming Hypoxia-Induced Drug Resistance via Promotion of Drug Uptake and Reoxygenation by AcoustoMechanical Oxygen Delivery. 2022 , 14, 902	
383	Modulating Tumor Physical Microenvironment for Fueling CAR-T Cell Therapy.. 2022 , 114301	1
382	Data_Sheet_1.PDF. 2020 ,	
381	Data_Sheet_2.PDF. 2020 ,	
380	Data_Sheet_3.PDF. 2020 ,	
379	Table_1.xlsx. 2020 ,	
378	Table_2.XLSX. 2020 ,	
377	Table_3.XLSX. 2020 ,	
376	Table_4.XLSX. 2020 ,	
375	Image_1.tiff. 2021 ,	

374 Image_1.tif. **2020**,

373 Image_1.TIF. **2020**,

372 Image_2.TIF. **2020**,

371 Table_1.DOCX. **2020**,

370 DataSheet_1.pdf. **2020**,

369 DataSheet_2.pdf. **2020**,

368 DataSheet_3.pdf. **2020**,

367 DataSheet_4.pdf. **2020**,

366 Table_1.xlsx. **2020**,

365 Table_2.docx. **2020**,

364 Table_3.xlsx. **2020**,

363 DataSheet_1.docx. **2020**,

362 Image_1.tif. **2020**,

361 Image_2.tif. **2020**,

360 Table_1.xls. **2020**,

359 Table_2.xlsx. **2020**,

358 Table_3.xls. **2020**,

357 Table_4.xlsx. **2020**,

356	Table_5.xlsx. 2020 ,	
355	Table_6.xlsx. 2020 ,	
354	DataSheet_1.pdf. 2020 ,	
353	Stoichioproteomics study of differentially expressed proteins and pathways in head and neck cancer. 2021 , 83, e249424	1
352	Anti-hypoxic Effect of Polysaccharide Extract of Brown Seaweed in Tongue Squamous Cell Carcinoma.. 2022 , 9, 854780	
351	Multicellular tumor spheroids of LNCaP-Luc prostate cancer cells as screening models for cytotoxic drugs.. 2022 , 12, 1116-1128	
350	Construction of hypoxia-immune-related prognostic model and targeted therapeutic strategies for cervical cancer.. 2022 ,	1
349	Recent Advancements in Nanomaterials for Photodynamic Therapy of Cancers. 2022 , 1-24	
348	New progress in the mechanism of microenvironment-driven chemoradiotherapy resistance in digestive system tumors. 2022 , 30, 341-348	
347	HIF-1 β stimulates the progression of oesophageal squamous cell carcinoma by activating the Wnt/ β catenin signalling pathway.. 2022 ,	0
346	Cell type-specific response of colon cancer tumor cell lines to oncolytic HSV-1 virotherapy in hypoxia.. 2022 , 22, 164	0
345	Hypoxia-Responsive Azobenzene-Linked Hyaluronate Dot Particles for Photodynamic Tumor Therapy. 2022 , 14, 928	2
344	Targeting DNA topoisomerase II α (TOP2A) in the hypoxic tumour microenvironment using unidirectional hypoxia-activated prodrugs (uHAPs).. 2022 ,	0
343	Assessment of Nanoparticle-Mediated Tumor Oxygen Modulation by Photoacoustic Imaging. 2022 , 12, 336	0
342	The Effects of Alcohol Drinking on Oral Microbiota in the Chinese Population.. 2022 , 19,	0
341	A Lysosome-Targeting Self-Condensation Prodrug-Nanoplatform System for Addressing Drug Resistance of Cancer.. 2022 ,	0
340	.. 2022 ,	0
339	Role of the Pro-Inflammatory Tumor Microenvironment in Extracellular Vesicle-Mediated Transfer of Therapy Resistance. 2022 , 12,	0

338	Dual-action nanoplatform with a synergetic strategy to promote oxygen accumulation for enhanced photodynamic therapy against hypoxic tumors.. 2022 ,	0
337	Tumor microenvironment heterogeneity an important mediator of prostate cancer progression and therapeutic resistance.. 2022 , 6, 31	2
336	Efficacy of Polymer-Based Nanomedicine for the Treatment of Brain Cancer. 2022 , 14, 1048	0
335	TRAP1 regulates the response of colorectal cancer cells to hypoxia and inhibits ribosome biogenesis under conditions of oxygen deprivation.. 2022 , 60,	0
334	Nano-enabled photosynthesis in tumours to activate lipid peroxidation for overcoming cancer resistances.. 2022 , 285, 121561	3
333	Identification of Potential WSB1 Inhibitors by AlphaFold Modeling, Virtual Screening, and Molecular Dynamics Simulation Studies. 2022 , 2022, 1-11	1
332	A novel hypoxia-driven gene signature that can predict the prognosis of hepatocellular carcinoma.. 2022 , 13, 12193-12210	0
331	Mechanistic and Therapeutic Crosstalk of Lipid Peroxidation in Oxidative Stress and Breast Cancer. 2022 , 1-19	
330	Hypoxia-Induced Upregulation of lncRNA ELFN1-AS1 Promotes Colon Cancer Growth and Metastasis Through Targeting TRIM14 via Sponging miR-191-5p. 2022 , 13,	3
329	Therapeutic targeting of PFKFB3 and PFKFB4 in multiple myeloma cells under hypoxic conditions.. 2022 , 10, 31	0
328	Advances in Nanomedicine Design: Multidisciplinary Strategies for Unmet Medical Needs.. 2022 ,	0
327	lncRNA USP2-AS1 Promotes Hepatocellular Carcinoma Growth by Enhancing YBX1-Mediated HIF1 β Protein Translation Under Hypoxia. 2022 , 12,	0
326	aNew trends in biotechnological applications of photosynthetic microorganisms. 2022 , 107988	1
325	Bladder cancer cell lines adapt their aggressiveness profile to oxygen tension. 2022 , 24,	
324	Integrating mechanism-based modeling with biomedical imaging to build practical digital twins for clinical oncology. 2022 , 3, 021304	1
323	Highly Tough and Elastic Microspheric Gel for Transarterial Catheter Embolization in Treatment of Liver Metastasis.	
322	Exploration of Different Hypoxia Patterns and Construction of a Hypoxia-Related Gene Prognostic Index in Colorectal Cancer. 2022 , 13,	
321	HIF-1/2 β Activated RNF146 Enhances the Proliferation and Glycolysis of Hepatocellular Carcinoma Cells via the PTEN/AKT/mTOR Pathway. 2022 , 10,	0

320	Gasotransmitters in the tumor microenvironment: Impacts on cancer chemotherapy (Review). 2022 , 26,	2
319	Resistance to Gemcitabine in Pancreatic Ductal Adenocarcinoma: A Physiopathologic and Pharmacologic Review. 2022 , 14, 2486	3
318	Hypoxia-induced HIF1A Activates DUSP18-mediated MAPK14 Dephosphorylation to Promote Hepatocellular Carcinoma Cell Migration and Invasion. 2022 , 153955	
317	Characteristics of the cancer stem cell niche and therapeutic strategies. 2022 , 13,	1
316	Hypoxia-regulated carbonic anhydrase IX (CAIX) protein is an independent prognostic indicator in triple negative breast cancer. 2022 , 24,	3
315	Identification and validation of a prognostic signature related to hypoxic tumor microenvironment in cervical cancer. 2022 , 17, e0269462	0
314	Nobiletin Inhibits Hypoxia-Induced Placental Damage via Modulating P53 Signaling Pathway. 2022 , 14, 2332	0
313	HIF-1 β and Nrf2 regulates hypoxia induced overexpression of DDAH1 through promoter activation in prostate cancer. 2022 , 147, 106232	
312	A multi-omics deep learning model for hypoxia phenotype to predict tumor aggressiveness and prognosis in uveal melanoma for rationalized hypoxia-targeted therapy. 2022 , 20, 3182-3194	0
311	The Effect of Hypoxia on Photodynamic Therapy with 5-Aminolevulinic Acid in Malignant Gliomas.	
310	Mitochondrial therapy of melanoma B16/F10, pathophysiological parameters of tumor regression. 2022 , 56-61	0
309	Live Macrophage-Delivered Doxorubicin-Loaded Liposomes Effectively Treat Triple-Negative Breast Cancer.	0
308	PGC-1 β participates in tumor chemoresistance by regulating glucose metabolism and mitochondrial function.	1
307	Glucose Metabolism Intervention-Facilitated Nanomedicine Therapy. Volume 17, 2707-2731	1
306	Acetyl-CoA Synthetase 2 as a Therapeutic Target in Tumor Metabolism. 2022 , 14, 2896	0
305	Construction of a Six-Gene Prognostic Risk Model Related to Hypoxia and Angiogenesis for Cervical Cancer. 13,	
304	Exploring the Interplay between Metabolism and Tumor Microenvironment Based on Four Major Metabolism Pathways in Colon Adenocarcinoma. 2022 , 2022, 1-17	
303	HIF-1 β -Regulated WTAP Overexpression Promoting the Warburg Effect of Ovarian Cancer by m6A-Dependent Manner. 2022 , 2022, 1-21	2

302	Recapitulating Tumor Hypoxia in a Cleanroom-Free, Liquid-Pinning-Based Microfluidic Tumor Model.	0
301	Patient Derived Ex-Vivo Cancer Models in Drug Development, Personalized Medicine, and Radiotherapy. 2022 , 14, 3006	2
300	A novel 7-hypoxia-related long non-coding RNA signature associated with prognosis and proliferation in melanoma. 2022 , 26,	0
299	The Hypoxic Landscape Stratifies Gastric Cancer Into 3 Subtypes With Distinct M6a Methylation and Tumor Microenvironment Infiltration Characteristics. 13,	0
298	Composition tunability of semiconductor radiosensitizers for low-dose X-ray induced photodynamic therapy. 2022 , 20,	0
297	A Hypoxia-Sensitive Drug Delivery System Constructed by Nitroimidazole and its Application in the Treatment of Hepatocellular Carcinoma. 2022 , 23,	1
296	E2F7 promotes mTOR inhibitor resistance in hepatocellular carcinoma after liver transplantation.	0
295	Novel Hypoxia-Associated Gene Signature Depicts Tumor Immune Microenvironment and Predicts Prognosis of Colon Cancer Patients. 13,	0
294	Hypoxia-inducible factor-1 α critical target for inhibiting the metastasis of hepatocellular carcinoma (Review). 2022 , 24,	1
293	Combined HIF-1 α and SHH Up-Regulation Is a Potential Biomarker to Predict Poor Prognosis in Postoperative Hepatocellular Carcinoma. 1-8	1
292	Dual-Mode Tumor Imaging Using Probes That Are Responsive to Hypoxia-Induced Pathological Conditions. 2022 , 12, 478	3
291	Cancer Stem Cells: From an Insight into the Basics to Recent Advances and Therapeutic Targeting. 2022 , 2022, 1-28	4
290	A spatially resolved mechanistic growth law for cancer drug development predicting tumour growing fractions.	0
289	Novel LncRNA ZFH4-AS1 as a Potential Prognostic Biomarker That Affects the Immune Microenvironment in Ovarian Cancer. 12,	1
288	Stimulatory effects of wavelength-dependent photobiomodulation on proliferation and angiogenesis of colorectal cancer. 2022 , 112527	1
287	HIF-1 α and MBP1 are associated with the progression of breast cancer cells by repressing E-catenin transcription. 2022 , 48,	0
286	Gold Nanoparticle Embedded Stimuli-Responsive Functional Glycopolymer: A Potential Material for Synergistic Chemo-Photodynamic Therapy of Cancer Cells. 2200069	1
285	Regulatory function of DNA methylation mediated lncRNAs in gastric cancer. 2022 , 22,	0

284	Nanodelivery Systems Delivering Hypoxia-Inducible Factor-1 Alpha Short Interfering RNA and Antisense Oligonucleotide for Cancer Treatment. 4,		
283	Types of spectroscopy and microscopy techniques for cancer diagnosis: a review.		1
282	Nitrogen Metabolism Disorder Accelerates Occurrence and Development of Lung Adenocarcinoma: A Bioinformatic Analysis and In Vitro Experiments. 12,		
281	Bufalin exacerbates Photodynamic Therapy of Colorectal Cancer by targeting SRC-3/HIF-1 β pathway. 2022 , 122018		0
280	A Hypoxia-Related lncRNA Signature Correlates with Survival and Tumor Microenvironment in Colorectal Cancer. 2022 , 2022, 1-23		0
279	Establishment of a risk model by integrating hypoxia genes in predicting prognosis of esophageal squamous cell carcinoma.		0
278	Mutual regulation between N6-methyladenosine (m6A) modification and circular RNAs in cancer: impacts on therapeutic resistance. <i>Molecular Cancer</i> , 2022 , 21,	42.1	1
277	Development and Validation of a 6-Gene Hypoxia-Related Prognostic Signature For Cholangiocarcinoma. 12,		0
276	Hypoxia-related lncRNAs signature predicts prognosis and is associated with immune infiltration and progress of head and neck squamous cell carcinoma. 2022 , 31, 101304		1
275	Normalization of tumor vasculature: A potential strategy to increase the efficiency of immune checkpoint blockades in cancers. 2022 , 110, 108968		1
274	Dual active nanozyme-loaded MXene enables hyperthermia-enhanced tumor nanocatalytic therapy. 2022 , 449, 137847		4
273	lncRNA-FAM66C Was Identified as a Key Regulator for Modulating Tumor Microenvironment and Hypoxia-Related Pathways in Glioblastoma. 10,		0
272	Mitophagy-mediated molecular subtypes depict the hallmarks of the tumour metabolism and guide precision chemotherapy in pancreatic adenocarcinoma. 10,		1
271	Hypoxia-Immune-Related Gene SLC19A1 Serves as a Potential Biomarker for Prognosis in Multiple Myeloma. 13,		0
270	Role of hypoxia preconditioning in therapeutic potential of mesenchymal stem-cell-derived extracellular vesicles. 2022 , 14, 453-472		2
269	The Impact of Perioperative Events on Cancer Recurrence and Metastasis in Patients after Radical Gastrectomy: A Review. 2022 , 14, 3496		0
268	Surface-engineered chlorella alleviated hypoxic tumor microenvironment for enhanced chemotherapy and immunotherapy of first-line drugs. 2022 ,		0
267	DNA damage repair-related gene signature predicts prognosis and indicates immune cell infiltration landscape in skin cutaneous melanoma. 13,		

266	Zirconium Oxide Supported Silver Nanocomposites: Synthesis, Characterization and in Vitro Evaluation of Anticancer, Antioxidant, Antibacterial Applications.	
265	Recent advances in smart nanoplatforms for tumor non-interventional embolization therapy. 2022 , 20,	1
264	Hypoxia-regulated microRNAs: the molecular drivers of tumor progression. 1-26	1
263	Platinum/Titanium Schottky Junction as Nanosensitizer, Glucose Scavenger, and Tumor Microenvironment-Modulator for Promoted Cancer Treatment. 2022 , 16, 12118-12133	3
262	A New Hypoxia-Related Prognostic Risk Score (HPRS) Model Was Developed to Indicate Prognosis and Response to Immunotherapy for Lung Adenocarcinoma. 2022 , 2022, 1-17	
261	Glucose transporters: Important regulators of endometrial cancer therapy sensitivity. 12,	
260	Adaptation to Hypoxia May Promote Therapeutic Resistance to Androgen Receptor Inhibition in Triple-Negative Breast Cancer. 2022 , 23, 8844	1
259	Construction of a hypoxia-derived gene model to predict the prognosis and therapeutic response of head and neck squamous cell carcinoma. 2022 , 12,	0
258	Construction and evaluation of a prognostic risk assessment model of gastric cancer by using hypoxia features. 2022 , 111795	
257	Synergetic treatment of oxygen microcapsules and lenvatinib for enhanced therapy of HCC by alleviating hypoxia condition and activating anti-tumor immunity. 2022 ,	0
256	The role of hypoxia-inducible factor-1 alpha in multidrug-resistant breast cancer. 12,	2
255	Hypoxia-induced lncRNA STEAP3-AS1 activates Wnt/ β -catenin signaling to promote colorectal cancer progression by preventing m6A-mediated degradation of STEAP3 mRNA. 2022 , 21,	2
254	An analysis of the significance of the Tre2/Bub2/CDC 16 (TBC) domain protein family 8 in colorectal cancer. 2022 , 12,	
253	Targeting HIF-1 β by Natural and Synthetic Compounds: A Promising Approach for Anti-Cancer Therapeutics Development. 2022 , 27, 5192	1
252	The effect of hypoxia on photodynamic therapy with 5-aminolevulinic acid in malignant gliomas. 2022 , 103056	0
251	A Novel hepatocellular carcinoma specific hypoxic related signature for predicting prognosis and therapeutic responses. 13,	
250	Bioinformatics Analysis of LGR4 in Colon Adenocarcinoma as Potential Diagnostic Biomarker, Therapeutic Target and Promoting Immune Cell Infiltration. 2022 , 12, 1081	1
249	An update on antibody/drug conjugates in urothelial carcinoma: state of the art strategies and what comes next. 2022 , 90, 191-205	1

- 248 Identification of Prognostic Genes and Immune Landscape Signatures Based on Tumor Microenvironment in Lung Adenocarcinoma. **2022**, 2022, 1-18
- 247 Three categories of similarities between the placenta and cancer that can aid cancer treatment: Cells, the microenvironment, and metabolites. 12, 0
- 246 Common methods in mitochondrial research (Review). **2022**, 50, 2
- 245 A systematic study of HIF1A cofactors in hypoxic cancer cells.
- 244 MAGED2 Is Required under Hypoxia for cAMP Signaling by Inhibiting MDM2-Dependent Endocytosis of G-Alpha-S. **2022**, 11, 2546 0
- 243 ¹⁸F-FDG Micro PET/CT imaging to evaluate the effect of BRCA1 knockdown on MDA-MB231 breast cancer cell radiosensitivity. **2022**, 25, 101517
- 242 Identification of COX4I2 as a hypoxia-associated gene acting through FGF1 to promote EMT and angiogenesis in CRC. **2022**, 27, 0
- 241 Role of WTAP in Cancer: From Mechanisms to the Therapeutic Potential. **2022**, 12, 1224 0
- 240 Genotype-phenotype correlations and clinical outcomes of patients with von Hippel-Lindau disease with large deletions. [jmedgenet-2022-108633](#) 0
- 239 Plumbagin Suppresses Breast Cancer Progression by Downregulating HIF-1 α Expression via a PI3K/Akt/mTOR Independent Pathway under Hypoxic Condition. **2022**, 27, 5716 1
- 238 Hypoxia Confers Tumor with a Higher Immune Infiltration but Lower Mutation Burden in Gastrointestinal Cancer. **2022**, 2022, 1-9 0
- 237 Benzo[d]isoxazole Derivatives as Hypoxia-Inducible Factor (HIF)-1 α Inhibitors. 0
- 236 Precise gliomas therapy: Hypoxia-activated prodrugs sensitized by nano-photosensitizers. **2022**, 289, 121770 0
- 235 The role of hypoxic mesenchymal stem cells in tumor immunity. **2022**, 112, 109172 0
- 234 Lactate Dehydrogenase and its clinical significance in pancreatic and thoracic cancers. **2022**, 86, 93-100 0
- 233 Peroxide mediated oxygen delivery in cancer therapy. **2022**, 219, 112832 2
- 232 MicroRNAs-mediated regulation of glucose transporter (GLUT) expression in glioblastoma. **2022**, 7, 205-211 0
- 231 Dual-responsive and NIR-driven free radical nanoamplifier with glutathione depletion for enhanced tumor-specific photothermal/thermodynamic/chemodynamic synergistic Therapy. 1

230	Mathematical investigation of the role of re-polarisation of M2 in cancer therapy. 2022 , 0	0
229	Multi-omics analysis to identify lung squamous carcinoma lactate metabolism-related subtypes and establish related index to predict prognosis and guide immunotherapy. 2022 , 20, 4756-4770	0
228	Recent Advancements in Nanomaterials for Photodynamic Therapy of Cancers. 2022 , 1261-1284	0
227	Monitoring mitochondrial nitroreductase activity in tumors and a hind-limb model of ischemia in mice using a novel activatable NIR fluorescent probe.	0
226	Magnetotactic bacteria AMB-1 with active deep tumor penetrability for magnetic hyperthermia of hypoxic tumors.	0
225	A Raman/fluorescence dual-modal imaging guided synergistic photothermal and photodynamic therapy nanoplatform for precision cancer theranostics.	0
224	Research and application of hypoxia-inducible factor. 2022 ,	0
223	Mechanistic and Therapeutic Crosstalk of Lipid Peroxidation in Oxidative Stress and Breast Cancer. 2022 , 3457-3475	0
222	Multifaceted Roles of Chemokine C-X-C Motif Ligand 7 in Inflammatory Diseases and Cancer. 13,	0
221	Construction and verification of a novel hypoxia-related lncRNA signature related with survival outcomes and immune microenvironment of bladder urothelial carcinoma by weighted gene co-expression network analysis. 13,	0
220	Suppression of Tumor Growth and Cell Migration by Indole-Based Benzenesulfonamides and Their Synergistic Effects in Combination with Doxorubicin. 2022 , 23, 9903	1
219	Ischemia and reperfusion injury combined with cisplatin induces immunogenic cell death in lung cancer cells. 2022 , 13,	0
218	Nanogels as target drug delivery systems in cancer therapy: A review of the last decade. 13,	1
217	Emerging nanotechnology-based therapeutics to combat multidrug-resistant cancer. 2022 , 20,	2
216	Modulation of Tumor Microenvironment by Targeting HIF-1 β Enhances the Therapeutic Efficacy of Chemoimmunotherapy in Mice Model of Colon Cancer.	0
215	A pyroptosis-related signature predicts prognosis and indicates immune microenvironment infiltration in glioma.	0
214	Nintedanib induces senolytic effect via STAT3 inhibition. 2022 , 13,	2
213	Boosting the Immune Response Combining Local and Immune Therapy for Prostate Cancer Treatment. 2022 , 11, 2793	0

212	A Risk-Assessing Signature Based on Hypoxia- and Immune-Related Genes for Prognosis of Lung Adenocarcinoma Patients. 2022 , 2022, 1-13	1
211	The hypoxia-driven crosstalk between tumor and tumor-associated macrophages: mechanisms and clinical treatment strategies. 2022 , 21,	1
210	Identification of Novel Hypoxia Subtypes for Prognosis Based on Machine Learning Algorithms. 2022 , 2022, 1-12	0
209	The construction of a hypoxia-based signature identified CA12 as a risk gene affecting uveal melanoma cell malignant phenotypes and immune checkpoint expression. 12,	0
208	Expression Analysis of Ligand-Receptor Pairs Identifies Cell-to-Cell Crosstalk between Macrophages and Tumor Cells in Lung Adenocarcinoma. 2022 , 2022, 1-15	1
207	p53 status modifies cytotoxic activity of lactoferrin under hypoxic conditions. 13,	1
206	Analysis of the prognostic, diagnostic and immunological role of HSP90 α in malignant tumors. 12,	0
205	Conducive target range of breast cancer: Hypoxic tumor microenvironment. 12,	0
204	Mechanism underlying circRNA dysregulation in the TME of digestive system cancer. 13,	0
203	Molecular mechanisms of resistance to tyrosine kinase inhibitor in clear cell renal cell carcinoma.	0
202	Edge modification facilitated heterogenization and exfoliation of two-dimensional nanomaterials for cancer catalytic therapy. 2022 , 8,	4
201	Exosomal protein angiopoietin-like 4 mediated radioresistance of lung cancer by inhibiting ferroptosis under hypoxic microenvironment.	1
200	Targeting tumor hypoxia inhibits aggressive phenotype of dedifferentiated thyroid cancer.	0
199	Ferroptosis-based nano delivery systems targeted therapy for colorectal cancer: insights and future perspectives. 2022 ,	0
198	Alkaline plasma-activated water (PAW) as an innovative therapeutic avenue for cancer treatment. 2022 , 121, 144101	0
197	Bioinspired Construction of an Enzyme-Mimetic Supramolecular Nanoagent for RNS-Augmented Cascade Chemodynamic Therapy.	1
196	A novel hypoxia- and lactate metabolism-related signature to predict prognosis and immunotherapy responses for breast cancer by integrating machine learning and bioinformatic analyses. 13,	0
195	Effect of RNAi-mediated survivin and Hypoxia-inducible factor 1 β gene silencing on proliferation, invasion, migration and apoptosis of gastric cancer BGC-823 cells.	0

194	Shield-activated two-way imaging nanomaterials for enhanced cancer theranostics.	0
193	A hypoxia-dissociable siRNA nanoplatform for synergistically enhanced chemo-radiotherapy of glioblastoma.	0
192	Effects of hypoxia on antigen presentation and T cell-based immune recognition of HPV16-transformed cells. 13,	0
191	Self-Amplifying Iridium(III) Photosensitizer for Ferroptosis-Mediated Immunotherapy Against Transferrin Receptor-Overexpressing Cancer. 2203659	1
190	SET/PP2A signaling regulates macrophage positioning in hypoxic tumor regions by amplifying chemotactic responses.	0
189	Recent progress of the tumor microenvironmental metabolism in cervical cancer radioresistance. 12,	0
188	Tumor Spheroids Layered in an Imageable Cancer Environment (T-SLICE): a novel in vitro platform to study tumor biology.	0
187	Manganese-based Prussian blue nanoparticles inhibit tumor proliferation and migration via the MAPK pathway in pancreatic cancer. 10,	0
186	Investigations of an organic-inorganic nanotheranostic hybrid for pancreatic cancer therapy using cancer-in-a-dish and in vivo models.	0
185	Effects of microenvironment in osteosarcoma on chemoresistance and the promise of immunotherapy as an osteosarcoma therapeutic modality. 13,	0
184	Novel Implications of Nanoparticle-Enhanced Radiotherapy and Brachytherapy: Z-Effect and Tumor Hypoxia. 2022 , 12, 943	1
183	Reciprocal Regulation of MAGED2 and HIF-1 β Augments Their Expression under Hypoxia: Role of cAMP and PKA Type II. 2022 , 11, 3424	0
182	Regulation of autophagy fires up the cold tumor microenvironment to improve cancer immunotherapy. 13,	2
181	Salmonella as a Promising Curative Tool against Cancer. 2022 , 14, 2100	0
180	Hypoxia-induced reprogrammed myoblasts enhance the formation of neuromuscular junctions: A pioneer study.	0
179	Molecular Classification of Genes Associated with Hypoxic Lipid Metabolism in Pancreatic Cancer. 2022 , 12, 1533	1
178	Relapse after CAR-T cell therapy in B-cell malignancies: challenges and future approaches. 2022 , 23, 793-811	0
177	Old and New Blood Markers in Human Colorectal Cancer. 2022 , 23, 12968	0

- 176 Nuclear translocation of Gasdermin D sensitizes colorectal cancer to chemotherapy in a pyroptosis-independent manner. ○
- 175 A Hypoxia-Related Prognostic Model Predicts Overall Survival and Treatment Response in Hepatocellular Carcinoma. ○
- 174 Hypoxia promotes epithelial-mesenchymal transition in lung cancer cells via regulating the NRF2/miR-27a/BUB1 pathway. ○
- 173 Red blood cells protein profile is modified in breast cancer patients. **2022**, 100435 ○
- 172 Plasticity of cancer invasion and energy metabolism. **2022**, ○
- 171 Regulation of epigenetic modifications in the head and neck tumour microenvironment. 13, ○
- 170 A Nanomedicine Structure-Activity Framework for Research, Development, and Regulation of Future Cancer Therapies. 1
- 169 Long non-coding RNA/epithelial-mesenchymal transition axis in human cancers: Tumorigenesis, chemoresistance, and radioresistance. **2022**, 106535 1
- 168 Targeting hypoxia in solid and haematological malignancies. **2022**, 41, 1
- 167 Towards a potential pan-cancer prognostic signature for gene expression based on probesets and ensemble machine learning. **2022**, 15, ○
- 166 Comparison of EMT-Related and Multi-Drug Resistant Gene Expression, Extracellular Matrix Production, and Drug Sensitivity in NSCLC Spheroids Generated by Scaffold-Free and Scaffold-Based Methods. **2022**, 23, 13306 ○
- 165 Nanoparticle-assisted targeting of the tumour microenvironment. **2022**, 8, 100097 ○
- 164 Radioimmunoconjugates in the age of modern immuno-oncology. **2022**, 310, 121126 1
- 163 Insights into therapy resistance in cervical cancer. **2022**, 6, 100074 ○
- 162 Aqua-(2-formylbenzoato)triphenyltin(IV) induces cell cycle arrest and apoptosis in hypoxic triple negative breast cancer cells. **2023**, 86, 105484 ○
- 161 Biomimetic nanoparticles drive the mechanism understanding of shear-wave elasticity stiffness in triple negative breast cancers to predict clinical treatment. **2023**, 22, 567-587 1
- 160 Optimization of Physicochemical Properties of Polymeric Nanoparticles for Targeting Solid Tumors. **2022**, 103-125 ○
- 159 Multifunctional Nanoparticles-Mediated PTT/PDT Synergistic Immune Activation and Antitumor Activity Combined with Anti-PD-L1 Immunotherapy for Breast Cancer Treatment. Volume 17, 5391-5411 ○

- 158 A systematic study of HIF1A cofactors in hypoxic cancer cells. **2022**, 12, ○
- 157 Development and validation of a novel hypoxia-related signature for prognostic and immunogenic evaluation in head and neck squamous cell carcinoma. 12, ○
- 156 Different Expression of Thyroid-Specific Proteins in Thyroid Cancer Cells between 2-Dimensional (2D) and 3-Dimensional (3D) Culture Environment. **2022**, 11, 3559 ○
- 155 Cytoskeletal and Cytoskeleton-Associated Proteins: Key Regulators of Cancer Stem Cell Properties. **2022**, 15, 1369 ○
- 154 Molecular subtyping of esophageal squamous cell carcinoma by large-scale transcriptional profiling: Characterization, therapeutic targets, and prognostic value. 13, ○
- 153 How the histological structure of some lung cancers shaped almost 70 years of radiobiology. 1
- 152 Tumor Microenvironment Immunosuppression: A Roadblock to CAR T-Cell Advancement in Solid Tumors. **2022**, 11, 3626 ○
- 151 Deciphering tumor ecosystems at super-resolution from spatial transcriptomics with TESLA. ○
- 150 Pancreatic tumor microenvironmental acidosis and hypoxia transform gold nanorods into cell-penetrant particles for potent radiosensitization. **2022**, 8, 1
- 149 Recent Progress and Trends in X-ray-Induced Photodynamic Therapy with Low Radiation Doses. ○
- 148 Identification of Hypoxia-Related Prognostic Signature and Competing Endogenous RNA Regulatory Axes in Hepatocellular Carcinoma. **2022**, 23, 13590 ○
- 147 Microfluidic technologies in tumour metabolism. **2022**, 629, 122370 ○
- 146 A BODIPY-based activatable nanotheranostics for tumor hypoxia imaging and hypoxia-induced drug resistance reversal. **2022**, 29, 101660 ○
- 145 Hypoxia Enhances Glioma Resistance to Sulfasalazine-Induced Ferroptosis by Upregulating SLC7A11 via PI3K/AKT/HIF-1 α Axis. **2022**, 2022, 1-22 1
- 144 Computerized tomography-based first order tumor texture features in non-small cell lung carcinoma treated with concurrent chemoradiation: A simplistic and potential surrogate imaging marker for survival. **2022**, 0 ○
- 143 Upconversion fluorescence-based PDT nanocomposites with self-oxygenation for malignant tumor therapy. **2022**, 10, 93-107 ○
- 142 Emerging nano-strategies against tumour microenvironment (TME): a review. **2023**, 9, 100112 ○
- 141 Hypoxia induced β -catenin lactylation promotes the cell proliferation and stemness of colorectal cancer through the wnt signaling pathway. **2023**, 422, 113439 ○

140	Hemoglobin, albumin, lymphocyte, and platelet (HALP) score and cancer prognosis: A systematic review and meta-analysis of 13,110 patients. 2023 , 114, 109496	1
139	Oxygen-independent alkyl radical nanogenerator enhances breast cancer therapy. 2023 , 48, 102630	0
138	The role of erythrocytes and erythroid progenitor cells in tumors. 2022 , 17, 1641-1656	0
137	Mechanisms of Hepatocarcinogenesis Development in an Acidic Microenvironment.	0
136	Regulation of Metabolic Plasticity in Cancer Stem Cells and Implications in Cancer Therapy. 2022 , 14, 5912	0
135	In Vitro Veritas: From 2D Cultures to Organ-on-a-Chip Models to Study Immunogenic Cell Death in the Tumor Microenvironment. 2022 , 11, 3705	1
134	Identification of KIF21B as a Biomarker for Colorectal Cancer and Associated with Poor Prognosis. 2022 , 2022, 1-10	0
133	A peroxidase-like single-atom Fe-N5 active site for effective killing human lung adenocarcinoma cells.	0
132	Indoline-5-Sulfonamides: A Role of the Core in Inhibition of Cancer-Related Carbonic Anhydrases, Antiproliferative Activity and Circumventing of Multidrug Resistance. 2022 , 15, 1453	0
131	Extracellular signals regulate the biogenesis of extracellular vesicles. 2022 , 55,	1
130	Modifying oncolytic virotherapy to overcome the barrier of the hypoxic tumor microenvironment. Where do we stand?. 2022 , 22,	1
129	New Affordable Methods for Large-Scale Isolation of Major Olive Secoiridoids and Systematic Comparative Study of Their Antiproliferative/Cytotoxic Effect on Multiple Cancer Cell Lines of Different Cancer Origins. 2023 , 24, 3	1
128	Hypoxia-associated prognostic markers and competing endogenous RNA coexpression networks in lung adenocarcinoma. 2022 , 12,	0
127	Hypoxia-Inducible Factor-1: A Novel Therapeutic Target for the Management of Cancer, Drug Resistance, and Cancer-Related Pain. 2022 , 14, 6054	1
126	Isolation and characterization of head and neck cancer-derived peritumoral and cancer-associated fibroblasts. 12,	1
125	3D Tumor Spheroid and Organoid to Model Tumor Microenvironment for Cancer Immunotherapy. 2022 , 1, 149-167	4
124	Nrf2 and Parkin-Hsc70 regulate the expression and protein stability of p62/SQSTM1 under hypoxia. 2022 , 12,	0
123	iHypoxia: An Integrative Database of Protein Expression Dynamics in Response to Hypoxia in Animals. 2022 ,	0

122	Activation of OSM-STAT3 Epigenetically Regulates Tumor-Promoting Transcriptional Programs in Cervical Cancer. 2022 , 14, 6090	0
121	Research on the fatty acid metabolism gene FN1 and establishment of a model to guide immunotherapy of bladder cancer.	0
120	Metabolic hallmarks of natural killer cells in the tumor microenvironment and implications in cancer immunotherapy.	0
119	Smart Nanoparticle-Based Platforms for Regulating Tumor Microenvironment and Cancer Immunotherapy. 2202063	0
118	Systemic Delivery of Divalent Europium from Ligand Screening with Implications to Direct Imaging of Hypoxia. 2022 , 144, 23053-23060	2
117	Drug Resistance: The Role of Exosomal miRNA in the Microenvironment of Hematopoietic Tumors. 2023 , 28, 116	0
116	Construction of novel hypoxia-related gene model for prognosis and tumor microenvironment in endometrial carcinoma. 13,	0
115	A hypoxia risk score for prognosis prediction and tumor microenvironment in adrenocortical carcinoma. 13,	0
114	Chloroquine prevents hypoxic accumulation of HIF-1 β by inhibiting ATR kinase: implication in chloroquine-mediated chemosensitization of colon carcinoma cells under hypoxia.	0
113	FOXP3 Isoforms Expression in Cervical Cancer: Evidence about the Cancer-Related Properties of FOXP3 Δ in Keratinocytes. 2023 , 15, 347	0
112	Sunitinib resistance in renal cell carcinoma: From molecular mechanisms to predictive biomarkers. 2023 , 100929	0
111	Single-cell transcriptomics dissects epithelial heterogeneity in HPV + cervical adenocarcinoma. 2023 , 95,	0
110	Identification of seven hypoxia-related genes signature and risk score models for predicting prognosis for ovarian cancer. 2023 , 23,	0
109	PFC@O2 Targets HIF-1 β to Reverse the Immunosuppressive TME in OSCC. 2023 , 12, 560	0
108	The Tumor Microenvironment in Tumorigenesis and Therapy Resistance Revisited. 2023 , 15, 376	3
107	Introduction to Tumor Microenvironment. 2023 , 1-13	0
106	The relevance between hypoxia-dependent spatial transcriptomics and the prognosis and efficacy of immunotherapy in claudin-low breast cancer. 13,	0
105	Cell death-related biomarker SLC2A1 has a significant role in prognosis prediction and immunotherapy efficacy evaluation in pan-cancer. 13,	0

104	Supramolecular assembly of a trivalent peptide hydrogel vaccine for cancer immunotherapy. 2023 ,	0
103	The role of the Na ⁺ /Ca ²⁺ -exchanger (NCX) in cancer-associated fibroblasts. 2023 ,	1
102	C1QBP Mediates Breast Cancer Cell Proliferation and Growth via Multiple Potential Signalling Pathways. 2023 , 24, 1343	0
101	Innovative strategies for photodynamic therapy against hypoxic tumor. 2023 , 100775	0
100	Nano-Based Drug Delivery of Polyphenolic Compounds for Cancer Treatment: Progress, Opportunities, and Challenges. 2023 , 16, 101	2
99	Inhibiting COX-2/PGE2 pathway with biodegradable NIR-II fluorescent polymeric nanoparticles for enhanced photodynamic immunotherapy. 2023 , 48, 101759	0
98	Drug-independent NADPH-consuming micelles collaborate with ROS-generator for cascade ferroptosis amplification by impairing redox homeostasis. 2023 , 18, 100532	0
97	Hypoxia-alleviating hemoglobin nanoclusters for sensitizing chemo-photodynamic therapy of cervical cancer. 2023 , 457, 141224	0
96	Tumor microenvironment-responsive manganese-based nanomaterials for cancer treatment. 2023 , 480, 215027	0
95	HIF-1 β /Malat1/miR-141 Axis Activates Autophagy to Increase Proliferation, Migration, and Invasion in Triple-negative Breast Cancer. 2022 , 23,	0
94	Anti-Hypoxia Nanoplatforms for Enhanced Photosensitizer Uptake and Photodynamic Therapy Effects in Cancer Cells. 2023 , 24, 2656	1
93	Hypoxia signaling in cancer: Implications for therapeutic interventions. 2023 , 4,	1
92	Cancer-Responsive Multifunctional Nanoplatform Based on Peptide Self-Assembly for Highly Efficient Combined Cancer Therapy by Alleviating Hypoxia and Improving the Immunosuppressive Microenvironment. 2023 , 15, 5667-5678	0
91	An integrated multi-omics analysis of sleep-disordered breathing traits implicates P2XR4 purinergic signaling. 2023 , 6,	0
90	Serine/threonine-protein kinase STK24 induces tumorigenesis by regulating the STAT3/VEGFA signaling pathway. 2023 , 102961	0
89	The Role of Solute Carrier Transporters in Efficient Anticancer Drug Delivery and Therapy. 2023 , 15, 364	0
88	Biomaterials tools to modulate the tumour microenvironment in immunotherapy.	1
87	Application of a Dual-Probe Coloading Nanodetection System in the Process Monitoring and Efficacy Assessment of Photodynamic Therapy: An In Vitro Study.	0

- 86 Critical factors affecting cells behavior in microfluidic chips. **2023**, 37-59 ○
- 85 Hypoxia Function in Cancer. **2023**, 19-39 ○
- 84 Therapy-Induced Tumor Cell Senescence: Mechanisms and Circumvention. **2023**, 88, 86-104 ○
- 83 Construction and validation of a hypoxia-related risk signature identified EXO1 as a prognostic biomarker based on 12 genes in lung adenocarcinoma. **2023**, 15, 2293-2307 ○
- 82 The role and prospect of lysine-specific demethylases in cancer chemoresistance. ○
- 81 BODIPY-based probes for hypoxic environments. **2023**, 481, 215041 ○
- 80 Radiotherapy opens the blood-brain barrier and synergizes with anlotinib in treating glioblastoma. **2023**, 183, 109633 ○
- 79 Clinical application of AI-based PET images in oncological patients. **2023**, 91, 124-142 ○
- 78 A Novel Hypoxia-associated Gene Signature for Prognosis Prediction in Head and Neck Squamous Cell Carcinoma. ○
- 77 Synthetic bacterial therapies for intestinal diseases based on quorum-sensing circuits. **2023**, 65, 108142 ○
- 76 Cu(ii)-BODIPY photosensitizer for CAIX overexpressed cancer stem cell therapy. **2023**, 14, 1808-1819 ○
- 75 Nanomedicines with high drug availability and drug sensitivity overcome hypoxia-associated drug resistance. **2023**, 294, 122023 ○
- 74 Hypoxia induced lactate acidosis modulates tumor microenvironment and lipid reprogramming to sustain the cancer cell survival. 13, ○
- 73 Two-dimensional porous vermiculite-based nanocatalysts for synergetic catalytic therapy. **2023**, 295, 122031 ○
- 72 Advances in antitumor research of HIF-1 α inhibitor YC-1 and its derivatives. **2023**, 133, 106400 ○
- 71 Copper carbonate nanoparticles as an effective biomineralized carrier to load macromolecular drugs for multimodal therapy. **2023**, 108192 ○
- 70 Cytotoxic and Antioxidant Activity of Hypericum perforatum L. Extracts against Human Melanoma Cells from Different Stages of Cancer Progression, Cultured under Normoxia and Hypoxia. **2023**, 28, 1509 ○
- 69 Application of biological big data and radiomics in hepatocellular carcinoma. **2023**, 2, 41-49 ○

- 68 Hypoxia promotes EV secretion by impairing lysosomal homeostasis in HNSCC through negative regulation of ATP6V1A by HIF-1 β . **2023**, 12, 0
- 67 Mn 3 O 4 Nanoshell Coated Metal-Organic Frameworks with Microenvironment-Driven O₂ Production and GSH Exhaustion Ability for Enhanced Chemodynamic and Photodynamic Cancer Therapies. **2023**, 22, 02280 0
- 66 The hypoxia-inducible factor-1 β in stemness and resistance to chemotherapy in gastric cancer: Future directions for therapeutic targeting. 11, 0
- 65 Making connections: the scientific impact and mentoring legacy of Dr. John E. Moulder. 1-7 0
- 64 Identification of a hypoxia-related gene prognostic signature in colorectal cancer based on bulk and single-cell RNA-seq. **2023**, 13, 0
- 63 Immunoregulation by resveratrol; implications for normal tissue protection and tumour suppression. **2023**, 50, 353-368 1
- 62 LncRNA FRMD6-AS1 promotes hepatocellular carcinoma cell migration and stemness by regulating SENP1/HIF-1 β axis. **2023**, 243, 154377 0
- 61 Theranostic polymeric nanoparticles as a new approach in cancer therapy and diagnosis: a review. **2023**, 29, 101400 1
- 60 Suppression of fatty acid oxidation supports pancreatic cancer growth and survival under hypoxic conditions through autophagy induction. 0
- 59 In silico Identification of Hypoxic Signature followed by reverse transcription-quantitative PCR Validation in Cancer Cell Lines. **2023**, 27, 23-33 0
- 58 The sialyl-Tn antigen synthase genes regulates migration-proliferation dichotomy in prostate cancer cells under hypoxia. **2023**, 40, 199-212 0
- 57 In Vitro Drug Repurposing: Focus on Vasodilators. **2023**, 12, 671 0
- 56 Predictive significance of HIF-1 β , Snail, and PD-L1 expression in breast cancer. 0
- 55 Targeting RNA N6-methyladenosine to synergize with immune checkpoint therapy. **2023**, 22, 0
- 54 Hypoxia-ameliorated photothermal manganese dioxide nanoplatfom for reversing doxorubicin resistance. 14, 0
- 53 Hypoxia signaling in the equine small intestine: Expression and distribution of hypoxia inducible factors during experimental ischemia. 10, 0
- 52 Direct cellular targets and anticancer mechanisms of the natural product oridonin. **2023**, 2, 0
- 51 Targeting fibroblast activation protein (FAP): advances in CAR-T cell, antibody, and vaccine in cancer immunotherapy. 0

- 50 RP11-367G18.1 α 2 enhances clear cell renal cell carcinoma progression via induction of epithelial-mesenchymal transition. ○
- 49 Role of hypoxia-inducible factor-1 α and survivin in breast cancer recurrence and prognosis. **2023**, 9, e14132 ○
- 48 Rhaponticin suppresses the hypoxia-induced factor-1 α -mediated aggressive phenotype of tongue squamous cell carcinoma. ○
- 47 Oxygen Self-Generating Nanoreactor Mediated Ferroptosis Activation and Immunotherapy in Triple-Negative Breast Cancer. **2023**, 17, 4667-4687 ○
- 46 Tumour suppressor PTEN activity is differentially inducible by myo-inositol phosphates. **2023**, 27, 879-890 ○
- 45 HSV: The scout and assault for digestive system tumors. 10, ○
- 44 Microdissecting the Hypoxia Landscape in Colon Cancer Reveals Three Distinct Subtypes and Their Potential Mechanism to Facilitate the Development of Cancer. **2023**, 2023, 1-21 ○
- 43 Nanotechnological strategies to increase the oxygen content of the tumor. 14, ○
- 42 Protective effect and mechanism of Polygonatum kingianum against hypoxia-induced injury. **2023**, 9, e14353 ○
- 41 PEG-conjugated bovine haemoglobin enhances efficiency of chemotherapeutic agent doxorubicin with alleviating DOX-induced splenocardiac toxicity in the breast cancer. **2023**, 51, 120-130 ○
- 40 Outersphere Approach to Increasing the Persistence of Oxygen-Sensitive Europium(II)-Containing Contrast Agents for Magnetic Resonance Imaging with Perfluorocarbon Nanoemulsions toward Imaging of Hypoxia. 2203209 1
- 39 FapydG in the Shadow of OXOdG: A Theoretical Study of Clustered DNA Lesions. **2023**, 24, 5361 1
- 38 Exploring the Application of Micellar Drug Delivery Systems in Cancer Nanomedicine. **2023**, 16, 433 ○
- 37 Disrupting Intracellular Iron Homeostasis by Engineered Metal-Organic Framework for Nanocatalytic Tumor Therapy in Synergy with Autophagy Amplification-Promoted Ferroptosis. 2215244 ○
- 36 Hypoxia, but Not Normoxia, Reduces Effects of Resveratrol on Cisplatin Treatment in A2780 Ovarian Cancer Cells: A Challenge for Resveratrol Use in Anticancer Adjuvant Cisplatin Therapy. **2023**, 24, 5715 ○
- 35 Hypoxic nasopharyngeal carcinoma-derived exosomal miR-455 increases vascular permeability by targeting ZO-1 to promote metastasis. ○
- 34 Biologicals and small molecules as target-specific cancer chemotherapeutic agents. **2023**, 615-646 ○
- 33 Tumor Therapy Strategies Based on Microenvironment-Specific Responsive Nanomaterials. ○

- 32 Role of the human solute carrier family 14 member 1 gene in hypoxia-induced renal cell carcinoma occurrence and its enlightenment to cancer nursing. **2023**, 24, ○
- 31 Hypoxia-induced autophagy in triple negative breast cancer: association with prognostic variables, patients' survival and response to neoadjuvant chemotherapy. ○
- 30 Mesoporous nanodrug delivery system: a powerful tool for a new paradigm of remodeling of the tumor microenvironment. **2023**, 21, ○
- 29 Biomimetic gene editing system for precise tumor cell reprogramming and augmented tumor therapy. **2023**, 356, 663-677 ○
- 28 Modulation of redox homeostasis: A strategy to overcome cancer drug resistance. 14, ○
- 27 Sononeoperfusion: a new therapeutic effect to enhance tumour blood perfusion using diagnostic ultrasound and microbubbles. **2023**, 23, ○
- 26 Ablation of Gap Junction Protein Improves the Efficiency of Nanozyme-Mediated Catalytic/Starvation/Mild-Temperature Photothermal Therapy. ○
- 25 Hypoxia and HIFs in Ewing sarcoma: new perspectives on a multi-faceted relationship. **2023**, 22, ○
- 24 Enhancement of immune surveillance in breast cancer by targeting hypoxic tumor endothelium: Can it be an immunological switch point?. 13, ○
- 23 Identification of gene signatures related to hypoxia and angiogenesis in pancreatic cancer to aid immunotherapy and prognosis. 13, ○
- 22 A cell-permeable peptide inhibitor of p53/PI3K signaling alleviates suture-induced corneal neovascularization and inflammation. **2023**, 9, e14869 ○
- 21 Novel hypoxia-related gene signature for predicting prognoses that correlate with the tumor immune microenvironment in NSCLC. 14, ○
- 20 Positron emission tomography imaging sheds new light on hypoxia and antitumor therapies. ○
- 19 Tissue Inhibitors of Metalloproteinases 1 Confers 5-Fluorouracil Resistance and Stemness of Gastric Cancer Cells via the Up-Regulation of Hypoxia-Inducible Factor-1 α . **2023**, 13, 255-262 ○
- 18 Hypoxia-Related lncRNA Prognostic Model of Ovarian Cancer Based on Big Data Analysis. **2023**, 2023, 1-14 ○
- 17 Calcium Phosphate-Based Nanoformulation Selectively Abolishes Phenytoin Resistance in Epileptic Neurons for Ceasing Seizures. ○
- 16 Strategies for Cancer Targeting: Novel Drug Delivery Systems Opportunities and Future Challenges. **2023**, 1-42 ○
- 15 Head and neck cancer treatment in the era of molecular medicine. **2023**, ○

- 14 Energy Metabolism Is Altered in Radioresistant Rectal Cancer. **2023**, 24, 7082 ○
- 13 Role of Hypoxia in Cancer Therapy: Introduction. **2023**, 245-250 ○
- 12 Role of Hypoxia and Reactive Oxygen Species in Cancer Biology. **2023**, 41-63 ○
- 11 Hypoxia and Its Biological Implications for Cancer Therapy. **2023**, 1-18 ○
- 10 Hypoxic Regulation of Telomerase Gene Expression in Cancer. **2023**, 251-273 ○
- 9 Hypoxia-Targeting Drugs as New Cancer Chemotherapy Agents: Molecular Insights. **2023**, 351-368 ○
- 8 Construction of Hypoxia-Related Prognostic Signature in Neuroblastoma Based on GEO Database. **2023**, 13, 5444-5455 ○
- 7 Combination Therapy of Radiation and Hyperthermia, Focusing on the Synergistic Anti-Cancer Effects and Research Trends. **2023**, 12, 924 ○
- 6 CEBPD is a master transcriptional factor for hypoxia regulated proteins in glioblastoma and augments hypoxia induced invasion through extracellular matrix-integrin mediated EGFR/PI3K pathway. **2023**, 14, ○
- 5 Metabolic Rewiring in Adult-Type Diffuse Gliomas. **2023**, 24, 7348 ○
- 4 A novel protein encoded by circINSIG1 reprograms cholesterol metabolism by promoting the ubiquitin-dependent degradation of INSIG1 in colorectal cancer. **2023**, 22, ○
- 3 Selective Visualization of Tumor Cell Membranes and Tumors with a Viscosity-Sensitive Plasma Membrane Probe. **2023**, 95, 7254-7261 ○
- 2 m6A methylation regulates hypoxia-induced pancreatic cancer glycolytic metabolism through ALKBH5-HDAC4-HIF1 α positive feedback loop. ○
- 1 Molecularly imprinted polymers (MIPs): emerging biomaterials for cancer theragnostic applications. **2023**, 27, ○