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Glioblastoma multiforme: Pathogenesis and treatment

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#	Paper	IF	Citations
509	Growth-inhibitory and chemosensitizing effects of microRNA-31 in human glioblastoma multiforme cells. 2015 , 36, 1159-64		17
508	Cardamonin induces apoptosis by suppressing STAT3 signaling pathway in glioblastoma stem cells. 2015 , 36, 9667-76		34
507	Centrosomal Protein of 55 Regulates Glucose Metabolism, Proliferation and Apoptosis of Glioma Cells via the Akt/mTOR Signaling Pathway. 2016 , 7, 1431-40		26
506	Glioblastoma: Overview of Disease and Treatment. 2016 , 20, S2-8		486
505	Long Non-coding RNA TUSC7, a Target of miR-23b, Plays Tumor-Suppressing Roles in Human Gliomas. 2016 , 10, 235		56
504	Establishment and Biological Characterization of a Panel of Glioblastoma Multiforme (GBM) and GBM Variant Oncosphere Cell Lines. 2016 , 11, e0150271		17
503	Anti-CD47 Treatment Stimulates Phagocytosis of Glioblastoma by M1 and M2 Polarized Macrophages and Promotes M1 Polarized Macrophages In Vivo. 2016 , 11, e0153550		127
502	Receptor-Mediated Drug Delivery Systems Targeting to Glioma. 2015 , 6,		52
501	CSF1 Overexpression Promotes High-Grade Glioma Formation without Impacting the Polarization Status of Glioma-Associated Microglia and Macrophages. 2016 , 76, 2552-60		55
500	SIRT6 suppresses glioma cell growth via induction of apoptosis, inhibition of oxidative stress and suppression of JAK2/STAT3 signaling pathway activation. 2016 , 35, 1395-402		35
499	Human Leukocyte Antigen (HLA) Peptides Derived from Tumor Antigens Induced by Inhibition of DNA Methylation for Development of Drug-facilitated Immunotherapy. 2016 , 15, 3058-70		38
498	Sphingosine-1-phosphate-activated TRPC1 channel controls chemotaxis of glioblastoma cells. 2016 , 60, 373-383		32
497	Mapping genetic factors in high-grade glioma patients. 2016 , 150, 159-163		3
496	P144, a Transforming Growth Factor beta inhibitor peptide, generates antitumoral effects and modifies SMAD7 and SKI levels in human glioblastoma cell lines. 2016 , 381, 67-75		18
495	Galectin-8 promotes migration and proliferation and prevents apoptosis in U87 glioblastoma cells. 2016 , 49, 33		18
494	Zero-valent Fe confined mesoporous silica nanocarriers (Fe(0) @ MCM-41) for targeting experimental orthotopic glioma in rats. 2016 , 6, 29247		25
493	A non-viral suicide gene delivery system traversing the blood brain barrier for non-invasive glioma targeting treatment. 2016 , 243, 357-369		52

492	Human herpesvirus multiplex ddPCR detection in brain tissue from low- and high-grade astrocytoma cases and controls. 2016 , 11, 32	27
491	Sulforaphane induces apoptosis and inhibits invasion in U251MG glioblastoma cells. 2016 , 5, 235	19
490	Restoring the oncosuppressor activity of microRNA-34a in glioblastoma using a polyglycerol-based polyplex. 2016 , 12, 2201-2214	26
489	Pivotal role of high-mobility group box 1 (HMGB1) signaling pathways in glioma development and progression. 2016 , 94, 867-74	26
488	Phase II study of bevacizumab plus irinotecan on the treatment of relapsed resistant small cell lung cancer. 2016 , 77, 713-22	15
487	Hyperthermotherapy enhances antitumor effect of 5-aminolevulinic acid-mediated sonodynamic therapy with activation of caspase-dependent apoptotic pathway in human glioma. 2016 , 37, 10415-26	28
486	Antitumor action of temozolomide, ritonavir and aprepitant against human glioma cells. 2016 , 126, 425-31	23
485	Current and future strategies for treatment of glioma. 2017 , 40, 1-14	271
484	Glioblastoma presenting as spontaneous intracranial haemorrhage: Case report and review of the literature. 2017 , 40, 1-5	8
483	Role of ketogenic metabolic therapy in malignant glioma: A systematic review. 2017 , 112, 41-58	49
482	Identifying survival-associated modules from the dysregulated triplet network in glioblastoma multiforme. 2017 , 143, 661-671	22
481	Current status and future perspectives of sonodynamic therapy in glioma treatment. 2017 , 37, 592-599	53
480	Congenital Glioblastoma Multiforme: An Unusual and Challenging Tumor. 2017 , 48, 403-412	12
479	Epithelial growth factor receptor expression influences 5-ALA induced glioblastoma fluorescence. 2017 , 133, 497-507	11
478	Light source is critical to induce glioblastoma cell death by photodynamic therapy using chloro-aluminiumphthalocyanine albumin-based nanoparticles. 2017 , 19, 181-183	19
477	MicroRNA-675 promotes glioma cell proliferation and motility by negatively regulating retinoblastoma 1. 2017 , 69, 63-71	18
476	MicroRNA-141 is a tumor regulator and prognostic biomarker in human glioblastoma. 2017 , 14, 4455-4460	7
475	Use of nanoparticles for glioblastoma treatment: a new approach. 2017 , 12, 2533-2554	14

474	Curcumin exerts its tumor suppressive function via inhibition of NEDD4 oncoprotein in glioma cancer cells. 2017 , 51, 467-477	30
473	Breaching barriers in glioblastoma. Part I: Molecular pathways and novel treatment approaches. 2017 , 531, 372-388	42
472	Insertion of the Type-I IFN Decoy Receptor B18R in a miRNA-Tagged Semliki Forest Virus Improves Oncolytic Capacity but Results in Neurotoxicity. 2017 , 7, 67-75	5
471	LC-MS-based metabolomics reveals metabolic signatures related to glioma stem-like cell self-renewal and differentiation. 2017 , 7, 24221-24232	4
470	Boron-containing delocalised lipophilic cations for the selective targeting of cancer cells. 2017 , 8, 67-72	9
469	Quantitative Proteomic Profiling of Tachyplesin I Targets in U251 Gliomaspheres. 2017 , 15,	11
468	d,l-Sulforaphane Induces ROS-Dependent Apoptosis in Human Gliomablastoma Cells by Inactivating STAT3 Signaling Pathway. 2017 , 18,	21
467	Diagnostic and Therapeutic Biomarkers in Glioblastoma: Current Status and Future Perspectives. 2017 , 2017, 8013575	159
466	Erythropoietin Promotes Glioblastoma via miR-451 Suppression. 2017 , 105, 249-271	10
465	Sulforaphane-cysteine induces apoptosis by sustained activation of ERK1/2 and caspase β in human glioblastoma U373MG and U87MG cells. 2017 , 37, 2829-2838	18
464	Glioblastoma-activated pericytes support tumor growth via immunosuppression. 2018 , 7, 1232-1239	46
463	Towards tailored management of malignant brain tumors with nanotheranostics. 2018 , 73, 52-63	10
462	Circular RNA hsa_circ_0008344 regulates glioblastoma cell proliferation, migration, invasion, and apoptosis. 2018 , 32, e22454	25
461	Efficient Gene Silencing in Brain Tumors with Hydrophobically Modified siRNAs. 2018 , 17, 1251-1258	9
460	Glioma-Targeted Delivery of a Theranostic Liposome Integrated with Quantum Dots, Superparamagnetic Iron Oxide, and Cilengitide for Dual-Imaging Guiding Cancer Surgery. 2018 , 7, e1701130	49
459	Overcoming blood-brain barrier by HER2-targeted nanosystem to suppress glioblastoma cell migration, invasion and tumor growth. 2018 , 6, 568-579	23
458	Computational modeling in glioblastoma: from the prediction of blood-brain barrier permeability to the simulation of tumor behavior. 2018 , 10, 121-131	13
457	Monoamines in glioblastoma: complex biology with therapeutic potential. 2018 , 20, 1014-1025	25

456	How safe are carmustine wafers?. 2018 , 174, 346-351	4
455	Identification of Driver Genes and Key Pathways of Glioblastoma Shows JNJ-7706621 as a Novel Antiglioblastoma Drug. 2018 , 109, e329-e342	12
454	Pro-necrotic Activity of Cationic Mastoparan Peptides in Human Glioblastoma Multiforme Cells Via Membranolytic Action. 2018 , 55, 5490-5504	19
453	Lesion magnetic susceptibility response to hyperoxic challenge: A biomarker for malignant brain tumor microenvironment?. 2018 , 47, 147-153	3
452	Stanniocalcin-1 augments stem-like traits of glioblastoma cells through binding and activating NOTCH1. 2018 , 416, 66-74	25
451	Melanocortin Receptor-4 and Glioblastoma Cells: Effects of the Selective Antagonist ML00253764 Alone and in Combination with Temozolomide In Vitro and In Vivo. 2018 , 55, 4984-4997	1
450	High Mobility Group Box 1 (HMGB1) Predicts Invasion and Poor Prognosis of Glioblastoma Multiforme via Activating AKT Signaling in an Autocrine Pathway. 2018 , 24, 8916-8924	12
449	Impact of Immunotherapy in the Treatment of Glioblastoma. 2018 ,	
448	Sulforaphane from Cruciferous Vegetables: Recent Advances to Improve Glioblastoma Treatment. 2018 , 10,	17
447	Alkylating-Agent Cytotoxicity Associated with O 6-Methylguanine. 2018 , 427-431	1
446	PI3K inhibitor AZD6482 exerts antiproliferative activity and induces apoptosis in human glioblastoma cells. 2019 , 41, 125-132	12
445	Analysis of long non-coding RNAs in glioblastoma for prognosis prediction using weighted gene co-expression network analysis, Cox regression, and L1-LASSO penalization. 2019 , 12, 157-168	28
444	In Search of a Breakthrough Therapy for Glioblastoma Multiforme. 2018 , 1, 292-310	6
443	MiR-29a-Mediated CD133 Expression Contributes to Cisplatin Resistance in CD133 Glioblastoma Stem Cells. 2018 , 66, 369-377	24
442	Targeted Theranostic Nanoparticles for Brain Tumor Treatment. 2018 , 10,	59
441	Identification of glioblastoma gene prognosis modules based on weighted gene co-expression network analysis. 2018 , 11, 96	27
440	Apolipoprotein E Peptide-Directed Chimeric Polymersomes Mediate an Ultrahigh-Efficiency Targeted Protein Therapy for Glioblastoma. 2018 , 12, 11070-11079	81
439	Immunomodulation Mediated by Anti-angiogenic Therapy Improves CD8 T Cell Immunity Against Experimental Glioma. 2018 , 8, 320	19

438	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. 2018 , 19,	28
437	Multiparametric imaging-based differentiation of lymphoma and glioblastoma: using T1-perfusion, diffusion, and susceptibility-weighted MRI. 2018 , 73, 986.e7-986.e15	18
436	Theranostic nanosensitizers for highly efficient MR/fluorescence imaging-guided sonodynamic therapy of gliomas. 2018 , 22, 5394-5405	21
435	Therapeutic Potential of Thymoquinone in Glioblastoma Treatment: Targeting Major Gliomagenesis Signaling Pathways. 2018 , 2018, 4010629	24
434	Iron(II)-Polypyridyl Complexes Inhibit the Growth of Glioblastoma Tumor and Enhance TRAIL-Induced Cell Apoptosis. 2018 , 13, 2730-2738	8
433	Zinc-doped copper oxide nanocomposites reverse temozolomide resistance in glioblastoma by inhibiting AKT and ERK1/2. 2018 , 13, 1303-1318	14
432	Extracts of Induce Mitochondria-Associated Apoptosis via Pro-oxidative Activity in Human Glioblastoma Cells. 2018 , 9, 411	14
431	Advances in Glioblastoma Multiforme Treatment: New Models for Nanoparticle Therapy. 2018 , 9, 170	81
430	CAT, a prodrug of 13a(S)-3-hydroxyl-6,7-dimethoxyphenanthro[9,10-b]-indolizidine, circumvents temozolomide-resistant glioblastoma via the Hedgehog signaling pathway, independently of O-methylguanine DNA methyltransferase expression. 2018 , 11, 3671-3684	9
429	Licochalcone A attenuates glioma cell growth in vitro and in vivo through cell cycle arrest. 2018 , 9, 4500-4507	22
428	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. 2018 , 17, 2132-2145	16
427	Chaperonology: The Third Eye on Brain Gliomas. 2018 , 8,	14
426	Lycorine inhibits glioblastoma multiforme growth through EGFR suppression. 2018 , 37, 157	18
425	Metabolomic profiling identifies distinct phenotypes for ASS1 positive and negative GBM. 2018 , 18, 167	9
424	Therapeutic Monoclonal Antibodies Delivery for the Glioblastoma Treatment. 2018 , 112, 61-80	11
423	Efficient Overcoming of BloodBrain Barrier by Functionalized Selenium Nanoparticles to Treat Glioma. 2018 , 1, 1800074	6
422	Glioblastoma Treatments: An Account of Recent Industrial Developments. 2018 , 9, 879	61
421	Personalized regulation of glioblastoma cancer stem cells based on biomedical technologies: From theory to experiment (Review). 2018 , 42, 691-702	5

420	Unstructured Formulation Data Analysis for the Optimization of Lipid Nanoparticle Drug Delivery Vehicles. 2018 , 19, 2383-2394	5
419	Expression profile of circular RNAs in IDH-wild type glioblastoma tissues. 2018 , 171, 168-173	16
418	Predicting epidermal growth factor receptor gene amplification status in glioblastoma multiforme by quantitative enhancement and necrosis features deriving from conventional magnetic resonance imaging. 2018 , 97, e10833	1
417	In vitro anti-cancer activity and pharmacokinetic evaluation of curcumin-loaded lipid nanocapsules. 2018 , 91, 859-867	23
416	Poly-ADP-ribose polymerases (PARPs) as a therapeutic target in the treatment of selected cancers. 2019 , 23, 773-785	11
415	Systematic Evaluation of Transferrin-Modified Porous Silicon Nanoparticles for Targeted Delivery of Doxorubicin to Glioblastoma. 2019 , 11, 33637-33649	46
414	Upregulation of microRNA-1270 suppressed human glioblastoma cancer cell proliferation migration and tumorigenesis by acting through WT1. 2019 , 12, 4839-4848	9
413	Absent in melanoma 2 regulates tumor cell proliferation in glioblastoma multiforme. 2019 , 144, 265-273	9
412	ROS-Responsive Polymeric siRNA Nanomedicine Stabilized by Triple Interactions for the Robust Glioblastoma Combinational RNAi Therapy. 2019 , 31, e1903277	86
411	Infratentorial Glioblastoma Metastasis to Bone. 2019 , 131, 90-94	7
410	Carnosine inhibits glioblastoma growth independent from PI3K/Akt/mTOR signaling. 2019 , 14, e0218972	10
409	Pharmacokinetics of Polymeric Drug Delivery. 2019 , 91-109	
408	Increased Nose-to-Brain Delivery of Melatonin Mediated by Polycaprolactone Nanoparticles for the Treatment of Glioblastoma. 2019 , 36, 131	32
407	A Novel Highly Selective Cannabinoid CB2 Agonist Reduces in vitro Growth and TGF-beta Release of Human Glial Cell Tumors. 2019 , 19, 206-214	5
406	Modulation of glioma-inflammation crosstalk profiles in human glioblastoma cells by indirubin-3'-(2,3 dihydroxypropyl)-oximether (E804) and 7-bromoindirubin-3'-oxime (7BIO). 2019 , 312, 108816	8
405	Effects of Radiation Therapy on Neural Stem Cells. 2019 , 10,	13
404	Functional and Therapeutic Implications of Mitochondrial Network and Mitochondria-Associated Membranes: The Glioma Case. 2019 ,	0
403	Evaluation of Elastin-Like Polypeptides for Tumor Targeted Delivery of Doxorubicin to Glioblastoma. 2019 , 24,	9

402	A Pediatric Case of Glioblastoma Multiforme Associated With a Novel Germline p.His112CysfsTer9 Mutation in the Gene Accompanied by a p.Arg283Cys Mutation in the Gene: A Case Report. 2019 , 10, 952	1
401	Mesenchymal stem cell therapy assisted by nanotechnology: a possible combinational treatment for brain tumor and central nerve regeneration. 2019 , 14, 5925-5942	21
400	An Open-Source Tool for Anisotropic Radiation Therapy Planning in Neuro-oncology Using DW-MRI Tractography. 2019 , 9, 810	2
399	Nanoformulations for glioblastoma multiforme: a new hope for treatment. 2019 , 11, 2459-2480	10
398	Glioma targeted delivery systems. 2019 , 289-320	
397	High-Density Lipoprotein-Mimicking Nanodiscs for Chemo-immunotherapy against Glioblastoma Multiforme. 2019 , 13, 1365-1384	81
396	Vectors for Glioblastoma Gene Therapy: Viral & Non-Viral Delivery Strategies. 2019 , 9,	57
395	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. 2019 , 18, 1255-1268	26
394	Extracellular Vesicles in Glioma: From Diagnosis to Therapy. 2019 , 41, e1800245	30
393	Brain SPECT and perfusion MRI: do they provide complementary information about the tumour lesion and its grading?. 2019 , 74, 652.e1-652.e9	1
392	Xenotransplantation of Human glioblastoma in Zebrafish larvae: imaging and proliferation assessment. 2019 , 8,	14
391	The combination of ¹³ N-ammonia and ¹⁸ F-FDG PET/CT in the identification of metabolic phenotype of primary human brain tumors. 2019 , 58, 272-278	4
390	MiR-144 overexpression as a promising therapeutic strategy to overcome glioblastoma cell invasiveness and resistance to chemotherapy. 2019 , 28, 2738-2751	14
389	ROS generation and autophagosome accumulation contribute to the DMAMCL-induced inhibition of glioma cell proliferation by regulating the ROS/MAPK signaling pathway and suppressing the Akt/mTOR signaling pathway. 2019 , 12, 1867-1880	13
388	High-selective HDAC6 inhibitor promotes HDAC6 degradation following autophagy modulation and enhanced antitumor immunity in glioblastoma. 2019 , 163, 458-471	33
387	Tumor-induced mortality in adult primary supratentorial glioblastoma multiforme with different age subgroups. 2019 , 15, 1105-1114	3
386	Role of Notch Signaling Pathway in Glioblastoma Pathogenesis. 2019 , 11,	54
385	Radiation Increases Functional KCa3.1 Expression and Invasiveness in Glioblastoma. 2019 , 11,	9

384	In silico analysis identified miRNA-based therapeutic agents against glioblastoma multiforme. 2019 , 41, 2194-2208	15
383	Targeting Glioma Stem Cells by Functional Inhibition of Dynamin 2: A Novel Treatment Strategy for Glioblastoma. 2019 , 37, 144-155	13
382	5-Azacytidine treatment results in nuclear exclusion of DNA methyltransferase-1, as well as reduced proliferation and invasion in human cytomegalovirus-infected glioblastoma cells. 2019 , 41, 2927-2936 ⁴	
381	Cytoplasmic cyclin D1 regulates glioblastoma dissemination. 2019 , 248, 501-513	11
380	A tumorsphere model of glioblastoma multiforme with intratumoral heterogeneity for quantitative analysis of cellular migration and drug response. 2019 , 379, 73-82	9
379	A comparative histopathological and immunohistochemical study of Survivin and Ki-67 proteins in glial tumours. 2019 , 33, 504-509	0
378	Glioblastoma with brainstem leptomeningeal pseudoprogression following radiation therapy. 2019 , 14, 613-617	2
377	Prognostic risk model construction and molecular marker identification in glioblastoma multiforme based on mRNA/microRNA/long non-coding RNA analysis using random survival forest method. 2019 , 66, 459-469	6
376	Menthol-modified casein nanoparticles loading 10-hydroxycamptothecin for glioma targeting therapy. 2019 , 9, 843-857	29
375	Intranasal teriflunomide microemulsion: An improved chemotherapeutic approach in glioblastoma. 2019 , 51, 276-289	30
374	Identification of UGP2 as a progression marker that promotes cell growth and motility in human glioma. 2019 , 120, 12489-12499	15
373	Targeting JUN, CEBPB, and HDAC3: A Novel Strategy to Overcome Drug Resistance in Hypoxic Glioblastoma. 2019 , 9, 33	10
372	ACSL4 suppresses glioma cells proliferation via activating ferroptosis. 2020 , 43, 147-158	40
371	Neurosurgical Options for Glioma. 2019 ,	1
370	Zika Virus as Oncolytic Therapy for Brain Cancer: Myth or Reality?. 2019 , 10, 2715	8
369	Dual-targeting and microenvironment-responsive micelles as a gene delivery system to improve the sensitivity of glioma to radiotherapy. 2019 , 9, 381-396	30
368	A case of recurrent gliosarcoma mimicking subdural hematoma. 2019 , 16, 3-6	1
367	Folate receptor-targeted novel boron compound for boron neutron capture therapy on F98 glioma-bearing rats. 2019 , 58, 59-67	14

366	Targeted delivery of etoposide, carmustine and doxorubicin to human glioblastoma cells using methoxy poly(ethylene glycol)-poly(ϵ -caprolactone) nanoparticles conjugated with wheat germ agglutinin and folic acid. 2019 , 96, 114-128	24
365	Differentiation between pilocytic astrocytoma and glioblastoma: a decision tree model using contrast-enhanced magnetic resonance imaging-derived quantitative radiomic features. 2019 , 29, 3968-3975	25
364	6-MOMIPP, a novel brain-penetrant anti-mitotic indolyl-chalcone, inhibits glioblastoma growth and viability. 2019 , 83, 237-254	8
363	Activation of Dopamine Receptor 2 Prompts Transcriptomic and Metabolic Plasticity in Glioblastoma. 2019 , 39, 1982-1993	37
362	MiR-218-5p targets LHFPL3 to regulate proliferation, migration, and epithelial-mesenchymal transitions of human glioma cells. 2019 , 39,	14
361	Retraction: Circular RNA-0007874 (circMTO1) reverses chemoresistance to temozolomide by acting as a sponge of microRNA-630 in glioblastoma by Jiang Rao, Xinxin Cheng, Huimin Zhu, Lifeng Wang, Li Liu. 2018 , 43, 1525	16
360	Serum miR-100 is a potential biomarker for detection and outcome prediction of glioblastoma patients. 2019 , 24, 43-49	14
359	MiR-21, miR-34a, miR-125b, miR-181d and miR-648 levels inversely correlate with MGMT and TP53 expression in primary glioblastoma patients. 2019 , 15, 504-512	34
358	Ultrasound Enhanced Anti-tumor Effect of Temozolomide in Glioblastoma Cells and Glioblastoma Mouse Model. 2019 , 12, 99-106	
357	Hypofractionated radiotherapy versus conventional radiotherapy for the treatment of multiform glioblastoma in adults over 70 years old. 2020 , 19, 193-196	
356	Delivery across the blood-brain barrier: nanomedicine for glioblastoma multiforme. 2020 , 10, 304-318	54
355	Simvastatin increases temozolomide-induced cell death by targeting the fusion of autophagosomes and lysosomes. 2020 , 287, 1005-1034	45
354	Design of new protein drug delivery system (PDDS) with photoactive compounds as a potential application in the treatment of glioblastoma brain cancer. 2020 , 110, 110638	10
353	Expression and function of chondroitin 4-sulfate and chondroitin 6-sulfate in human glioma. 2020 , 34, 2853-2868	9
352	Magnetic iron oxide nanoparticles for imaging, targeting and treatment of primary and metastatic tumors of the brain. 2020 , 320, 45-62	91
351	A tropomyosin-like Meretrix meretrix Linnaeus polypeptide inhibits the proliferation and metastasis of glioma cells via microtubule polymerization and FAK/Akt/MMPs signaling. 2020 , 145, 154-164	7
350	Target delivering paclitaxel by ferritin heavy chain nanocages for glioma treatment. 2020 , 323, 191-202	28
349	Lateral or Medial Surgical Approaches for Thalamic Gliomas Resection?. 2020 , 136, e90-e107	3

348	Dual and multi-targeted nanoparticles for site-specific brain drug delivery. 2020 , 317, 195-215	39
347	Sphenopalatine Ganglion Stimulation Upregulates Transport of Temozolomide across the Blood-Brain Barrier. 2020 , 88, 40	
346	Polyethylenimine-based theranostic nanoplatform for glioma-targeting single-photon emission computed tomography imaging and anticancer drug delivery. 2020 , 18, 143	6
345	Advances in drug delivery technology for the treatment of glioblastoma multiforme. 2020 , 328, 350-367	25
344	Galangin (GLN) Suppresses Proliferation, Migration, and Invasion of Human Glioblastoma Cells by Targeting Skp2-Induced Epithelial-Mesenchymal Transition (EMT). 2020 , 13, 9235-9244	5
343	Sulforaphane-cysteine inhibited migration and invasion via enhancing mitophagosome fusion to lysosome in human glioblastoma cells. 2020 , 11, 819	5
342	Biomimeting ultra-small lipid nanoconstructs for glioblastoma treatment: A computationally guided experimental approach. 2020 , 587, 119661	4
341	Chlorotoxin-derived bicyclic peptides for targeted imaging of glioblastomas. 2020 , 56, 9537-9540	0
340	A Dual Receptor Targeting- and BBB Penetrating- Peptide Functionalized Polyethyleneimine Nanocomplex for Secretory Endostatin Gene Delivery to Malignant Glioma. 2020 , 15, 8875-8892	12
339	Proteomics analysis of serum small extracellular vesicles for the longitudinal study of a glioblastoma multiforme mouse model. 2020 , 10, 20498	4
338	Classification of Primary Cerebral Lymphoma and Glioblastoma Featuring Dynamic Susceptibility Contrast and Apparent Diffusion Coefficient. 2020 , 10,	4
337	LNx1 Modulates Notch1 Signaling to Promote Expansion of the Glioma Stem Cell Population during Temozolomide Therapy in Glioblastoma. 2020 , 12,	2
336	Hypoxia-Responsive Lipid-Polymer Nanoparticle-Combined Imaging-Guided Surgery and Multitherapy Strategies for Glioma. 2020 , 12, 52319-52328	16
335	Systemic brain tumor delivery of synthetic protein nanoparticles for glioblastoma therapy. 2020 , 11, 5687	36
334	TCGA mRNA Expression Analysis of the Heme Biosynthesis Pathway in Diffusely Infiltrating Gliomas: A Comparison of Typically 5-ALA Fluorescent and Non-Fluorescent Gliomas. 2020 , 12,	4
333	PDCD10-Deficiency Promotes Malignant Behaviors and Tumor Growth via Triggering EphB4 Kinase Activity in Glioblastoma. 2020 , 10, 1377	3
332	Conventional Treatment of Glioblastoma Reveals Persistent CD44 Subpopulations. 2020 , 57, 3943-3955	7
331	Temozolomide Treatment Increases Fatty Acid Uptake in Glioblastoma Stem Cells. 2020 , 12,	6

330	Current Perspectives on Therapies, Including Drug Delivery Systems, for Managing Glioblastoma Multiforme. 2020 , 11, 2962-2977	8
329	Neuro-Ophthalmic Manifestations of Intracranial Malignancies. 2020 , 40, e31-e48	4
328	Role of Fibroblast Growth Factors Receptors (FGFRs) in Brain Tumors, Focus on Astrocytoma and Glioblastoma. 2020 , 12,	10
327	Cell-to-cell communication mediates glioblastoma progression in. 2020 , 9,	1
326	Investigating Programmed Cell Death and Tumor Invasion in a Three-Dimensional (3D) Microfluidic Model of Glioblastoma. 2020 , 21,	15
325	Hypocrellin-Based Multifunctional Phototheranostic Agent for NIR-Triggered Targeted Chemo/Photodynamic/Photothermal Synergistic Therapy against Glioblastoma.. 2020 , 3, 3817-3826	6
324	Capecitabine, Oxaliplatin, Irinotecan, and Bevacizumab Combination Followed by Pazopanib Plus Capecitabine Maintenance for High-Grade Gastrointestinal Neuroendocrine Carcinomas. 2020 , 43, 305-310	4
323	Feasibility of intratumoral ¹⁶⁵ Holmium siloxane delivery to induced U87 glioblastoma in a large animal model, the Yucatan minipig. 2020 , 15, e0234772	5
322	Validation of Enhancing Effects of Curcumin on Radiotherapy with F98/ Glioblastoma-Bearing Rat Model. 2020 , 21,	5
321	High Interobserver Agreement in the Subjective Classification of 5-Aminolevulinic Acid Fluorescence Levels in Newly Diagnosed Glioblastomas. 2020 , 52, 814-821	4
320	Metabolite Imaging at the Margin: Visualizing Metabolic Tumor Gradients Using Mass Spectrometry. 2020 , 80, 1231-1233	2
319	Exosomal noncoding RNAs in Glioma: biological functions and potential clinical applications. 2020 , 19, 66	106
318	HSP70/IL-2 Treated NK Cells Effectively Cross the Blood Brain Barrier and Target Tumor Cells in a Rat Model of Induced Glioblastoma Multiforme (GBM). 2020 , 21,	8
317	Iron and copper complexes with antioxidant activity as inhibitors of the metastatic potential of glioma cells.. 2020 , 10, 12699-12710	10
316	Personalized neoantigen vaccines: a glimmer of hope for glioblastoma. 2020 , 19, 407-417	5
315	Effects of progesterone on the cell number of gliomaspheres derived from human glioblastoma cell lines. 2020 , 249, 117536	2
314	IGFBP5 increases cell invasion and inhibits cell proliferation by EMT and Akt signaling pathway in Glioblastoma multiforme cells. 2020 , 15, 4	12
313	Methods for in vitro modeling of glioma invasion: Choosing tools to meet the need. 2020 , 68, 2173-2191	3

312	Differences in creep response of GBM cells migrating in confinement. 2020 , 7, 44-57	0
311	PD-L1 Expression in Glioblastoma, the Clinical and Prognostic Significance: A Systematic Literature Review and Meta-Analysis. 2020 , 10, 1015	23
310	Serglycin activates pro-tumorigenic signaling and controls glioblastoma cell stemness, differentiation and invasive potential. 2020 , 6-7, 100033	5
309	Src Inhibitors Pyrazolo[3,4-d]pyrimidines, Si306 and Pro-Si306, Inhibit Focal Adhesion Kinase and Suppress Human Glioblastoma Invasion In Vitro and In Vivo. 2020 , 12,	3
308	PABPC1-induced stabilization of BDNF-AS inhibits malignant progression of glioblastoma cells through STAU1-mediated decay. 2020 , 11, 81	21
307	Germ Cell-Specific Gene 1-Like Protein Regulated by Splicing Factor CUGBP Elav-Like Family Member 5 and Primary Bile Acid Biosynthesis are Prognostic in Glioblastoma Multiforme. 2019 , 10, 1380	4
306	Improving the Oral Bioavailability of an Anti-Glioma Prodrug CAT3 Using Novel Solid Lipid Nanoparticles Containing Oleic Acid-CAT3 Conjugates. 2020 , 12,	11
305	Combined-therapeutic strategies synergistically potentiate glioblastoma multiforme treatment nanotechnology. 2020 , 10, 3223-3239	34
304	Glioblastoma: Molecular profile and immunophenotypic analysis as prognostic tools for tailored therapy and decision making in a recent surgical series. 2020 , 20, 100697	0
303	The Personalisation of Glioblastoma Treatment Using Whole Exome Sequencing: A Pilot Study. 2020 , 11,	2
302	Development of Pyrazolo[3,4-]pyrimidine Kinase Inhibitors as Potential Clinical Candidates for Glioblastoma Multiforme. 2020 , 11, 657-663	5
301	Differentiation of supratentorial single brain metastasis and glioblastoma by using peri-enhancing oedema region-derived radiomic features and multiple classifiers. 2020 , 30, 3015-3022	15
300	Spider venom administration impairs glioblastoma growth and modulates immune response in a non-clinical model. 2020 , 10, 5876	8
299	The emerging role of cold atmospheric plasma in glioblastoma therapy. 2020 , 17, 1900189	1
298	Glioblastoma chemotherapeutic agents used in the clinical setting and in clinical trials: Nanomedicine approaches to improve their efficacy. 2020 , 581, 119283	14
297	Hierarchical Cluster and Region of Interest Analyses Based on Mass Spectrometry Imaging of Human Brain Tumours. 2020 , 10, 5757	2
296	Glioblastoma: Pathogenesis and Current Status of Chemotherapy and Other Novel Treatments. 2020 , 12,	30
295	Synergistic drug combinations for a precision medicine approach to interstitial glioblastoma therapy. 2020 , 323, 282-292	11

294	The potential use of tideglusib as an adjuvant radio-therapeutic treatment for glioblastoma multiforme cancer stem-like cells. 2021 , 73, 227-239	5
293	YY1-mediated up-regulation of lncRNA LINC00466 facilitates glioma progression via miR-508/CHEK1. 2021 , 23, e3287	3
292	Hypoxia-degradable zwitterionic phosphorylcholine drug nanogel for enhanced drug delivery to glioblastoma. 2021 , 408, 127359	9
291	Disentangling the therapeutic tactics in GBM: From bench to bedside and beyond. 2021 , 45, 18-53	5
290	Nanotherapy for Brain Tumor Drug Delivery. 2021 ,	1
289	Advanced magnetic resonance imaging to support clinical drug development for malignant glioma. 2021 , 26, 429-441	
288	Nose-to-brain delivery of teriflunomide-loaded lipid-based carbopol-gellan gum nanogel for glioma: Pharmacological and in vitro cytotoxicity studies. 2021 , 167, 906-920	8
287	Small-Molecule Inhibitors of Shp2 Phosphatase as Potential Chemotherapeutic Agents for Glioblastoma: A Minireview. 2021 , 16, 777-787	2
286	Potential of microRNA based diagnostics and therapeutics in glioma: a patent review. 2021 , 31, 91-106	4
285	Targeting gliomas with STAT3-silencing nanoparticles. 2021 , 8, 1870647	2
284	Improved Safety and Anti-Glioblastoma Efficacy of CAT3-Encapsulated SMEDDS through Metabolism Modification. 2021 , 26,	0
283	Heat Shock Protein Inhibitor 17-Allyl-17-Demethoxygeldanamycin, a Potent Inductor of Apoptosis in Human Glioma Tumor Cell Lines, Is a Weak Substrate for ABCB1 and ABCG2 Transporters. 2021 , 14,	1
282	Intramolecular charge transfer enhancing strategy based MAO-A specific two-photon fluorescent probes for glioma cell/tissue imaging. 2021 , 57, 11260-11263	0
281	Inhibition of Gli2 suppresses tumorigenicity in glioblastoma stem cells derived from a de novo murine brain cancer model. 2021 , 28, 1339-1352	4
280	Glioblastoma Break-in; Try Something New. 2021 , 14,	1
279	Immunotherapy for glioblastoma as a means to overcome resistance to standard therapy. 2021 , 635-665	
278	Potential of naso-brain drug delivery in glioblastoma therapy. 2021 , 389-404	
277	LRP1-mediated pH-sensitive polymersomes facilitate combination therapy of glioblastoma in vitro and in vivo. 2021 , 19, 29	11

276	Strategies to better treat glioblastoma: antiangiogenic agents and endothelial cell targeting agents. 2021 , 13, 393-418	1
275	Effectiveness of porous silicon nanoparticle treatment at inhibiting the migration of a heterogeneous glioma cell population. 2021 , 19, 60	3
274	MGMT promoter gene methylation and neurological scale improvement in glioma: a cohort study. 10, 139	
273	SH3KBP1 Promotes Glioblastoma Tumorigenesis by Activating EGFR Signaling. 2020 , 10, 583984	5
272	MiR-195 connects lncRNA RUNX1-IT1 and cyclin D1 to regulate the proliferation of glioblastoma cells. 2021 , 1-6	2
271	LncRNA SLC16A1-AS1 is Upregulated in Glioblastoma and Promotes Cancer Cell Proliferation by Regulating miR-149 Methylation. 2021 , 13, 1215-1223	6
270	Tumor-derived exosomal microRNA-7-5p enhanced by verbascoside inhibits biological behaviors of glioblastoma and. 2021 , 20, 569-582	5
269	The Triad Hsp60-miRNAs-Extracellular Vesicles in Brain Tumors: Assessing Its Components for Understanding Tumorigenesis and Monitoring Patients. 2021 , 11, 2867	4
268	Rewiring of purine metabolism in response to acidosis stress in glioma stem cells. 2021 , 12, 277	4
267	Involvement of the Catecholamine Pathway in Glioblastoma Development. 2021 , 10,	0
266	MicroRNA-935 Directly Targets FZD6 to Inhibit the Proliferation of Human Glioblastoma and Correlate to Glioma Malignancy and Prognosis. 2021 , 11, 566492	4
265	MGMT promoter gene methylation and neurological scale improvement in glioma: a cohort study. 10, 139	
264	Targeting the Urotensin II/UT G Protein-Coupled Receptor to Counteract Angiogenesis and Mesenchymal Hypoxia/Necrosis in Glioblastoma. 2021 , 9, 652544	2
263	Frontiers in the treatment of glioblastoma: Past, present and emerging. 2021 , 171, 108-138	29
262	TRP Channels in Brain Tumors. 2021 , 9, 617801	10
261	Immunomodulatory Effect of Microglia-Released Cytokines in Gliomas. 2021 , 11,	7
260	MicroRNA-138 suppresses glioblastoma proliferation through downregulation of CD44. 2021 , 11, 9219	5
259	Cholesterol Derivatives as Promising Anticancer Agents in Glioblastoma Metabolic Therapy. 97-120	1

258	LncRNA RP11-390F4.3 inhibits invasion and migration of glioblastoma cells by downregulating ROCK1. 2021 , 32, 888-893	2
257	Targeting FGL2, a molecular drug target for glioblastoma, with natural compounds through virtual screening method. 2021 , 13, 805-816	
256	LncRNA TUG1 inhibits the cancer stem cell-like properties of temozolomide-resistant glioma cells by interacting with EZH2. 2021 , 24,	3
255	LncRNA GAS8-AS1 downregulates lncRNA NEAT1 to inhibit glioblastoma cell proliferation. 2021 , 11, e02128	4
254	Existing Drug Repurposing for Glioblastoma to Discover Candidate Drugs as a New Approach. 2021 , 18,	
253	Role of Extracellular Vesicles in Glioma Progression: Deciphering Cellular Biological Processes to Clinical Applications. 2021 , 21, 696-704	5
252	Investigation of the anti-tumor effects of bevacizumab on glioblastoma cells.	
251	Viral Gene Therapy for Glioblastoma Multiforme: A Promising Hope for the Current Dilemma. 2021 , 11, 678226	2
250	The Roles Played by Long Non-Coding RNAs in Glioma Resistance. 2021 , 22,	6
249	Glioblastoma multiforme: a multi-omics analysis of driver genes and tumour heterogeneity. 2021 , 11, 20200072	3
248	An E3 Ubiquitin Ligase RNF139 Serves as a Tumor-Suppressor in Glioma. 2021 , 71, 1664-1673	0
247	MiR-200c-based metabolic modulation in glioblastoma cells as a strategy to overcome tumor chemoresistance. 2021 , 30, 2315-2331	0
246	MCT1 Is a New Prognostic Biomarker and Its Therapeutic Inhibition Boosts Response to Temozolomide in Human Glioblastoma. 2021 , 13,	3
245	LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. 2021 , 22,	2
244	Chemoprevention and therapeutic role of essential oils and phenolic compounds: Modeling tumor microenvironment in glioblastoma. 2021 , 169, 105638	3
243	Hispolon Induces Apoptosis, Suppresses Migration and Invasion of Glioblastoma Cells and Inhibits GBM Xenograft Tumor Growth In Vivo. 2021 , 26,	1
242	Bioscaffold-based study of glioblastoma cell behavior and drug delivery for tumor therapy. 2021 , 147, 105049	0
241	Lipidomic analysis and diagnosis of glioblastoma multiforme with rapid evaporative ionization mass spectrometry. 2021 , 42, 1965-1973	2

240	Exosomal noncoding RNAs: key players in glioblastoma drug resistance. 2021 , 476, 4081-4092	7
239	Prognostic impact of a lymphocyte activation-associated gene signature in GBM based on transcriptome analysis. 2021 , 9, e12070	0
238	Temozolomide nano enabled medicine: promises made by the nanocarriers in glioblastoma therapy. 2021 , 336, 549-571	12
237	Sevoflurane impedes glioma progression via regulating circ_0000215/miR-1200/NCR3LG1 axis. 2021 , 36, 2003-2014	4
236	Combination of cell-penetrating peptides with nanomaterials for the potential therapeutics of central nervous system disorders: a review. 2021 , 19, 255	12
235	BRCAness as a Biomarker of Susceptibility to PARP Inhibitors in Glioblastoma Multiforme. 2021 , 11,	1
234	Convection enhanced delivery of light responsive antigen capturing oxygen generators for chemo-phototherapy triggered adaptive immunity. 2021 , 275, 120974	2
233	Iron Oxide Incorporated Conjugated Polymer Nanoparticles for Simultaneous Use in Magnetic Resonance and Fluorescent Imaging of Brain Tumors. 2021 , 13,	8
232	Taxifolin Targets PI3K and mTOR and Inhibits Glioblastoma Multiforme. 2021 , 2021, 5560915	2
231	miR-424 induces apoptosis in glioblastoma cells and targets AKT1 and RAF1 oncogenes from the ERBB signaling pathway. 2021 , 906, 174273	3
230	Algorithmic Reconstruction of GBM Network Complexity.	
229	Construction of Interferon-Gamma-Related Gene Signature to Characterize the Immune-Inflamed Phenotype of Glioblastoma and Predict Prognosis, Efficacy of Immunotherapy and Radiotherapy. 2021 , 12, 729359	2
228	Aggressively recurring cervical intramedullary anaplastic astrocytoma in a pregnant patient. 2021 , 12, 466	
227	Hydrogel matrix presence and composition influence drug responses of encapsulated glioblastoma spheroids. 2021 , 132, 437-447	0
226	Bone Metastases of Glioblastoma: A Case Report and Review of the Literature. 2021 , 11, 705455	1
225	Long non-coding RNA H19: Physiological functions and involvements in central nervous system disorders. 2021 , 148, 105072	3
224	Construction of IL-13 Receptor α -Targeting Resveratrol Nanoparticles against Glioblastoma Cells: Therapeutic Efficacy and Molecular Effects. 2021 , 22,	0
223	Brain injuries can set up an epileptogenic neuronal network. 2021 , 129, 351-366	0

222	The emerging roles of absent in melanoma 2 (AIM2) inflammasome in central nervous system disorders. 2021 , 149, 105122	3
221	Identification of imidazo[4,5-c]pyridin-2-one derivatives as novel Src family kinase inhibitors against glioblastoma. 2021 , 36, 1541-1552	0
220	Spectroscopic MRI for Brain Tumor Imaging. 2021 , 1077-1090	0
219	Nanopolymeric systems to improve brain cancer treatment outcomes. 2021 , 355-394	
218	Improved Antiglioblastoma Activity and BBB Permeability by Conjugation of Paclitaxel to a Cell-Penetrative MMP-2-Cleavable Peptide. 2021 , 8, 2001960	12
217	Mechano-Biological Features in a Patient-Specific Computational Model of Glioblastoma. 2021 , 265-287	1
216	Focused Ultrasound-Mediated Blood-Brain Barrier Disruption for Enhanced Drug Delivery to Brain Tumors. 2021 , 205-223	1
215	Current Progress of Phytomedicine in Glioblastoma Therapy. 2020 , 40, 1067-1074	4
214	Up-regulation of circular RNA hsa_circ_01844 induces apoptosis and suppresses proliferation and migration of glioblastoma cells. 2020 , 134, 81-87	4
213	Systemic Brain Tumor Delivery of Synthetic Protein Nanoparticles for Glioblastoma Therapy.	2
212	Identification of SEC61G as a Novel Prognostic Marker for Predicting Survival and Response to Therapies in Patients with Glioblastoma. 2019 , 25, 3624-3635	17
211	Chemical Library Screening and Structure-Function Relationship Studies Identify Bisacodyl as a Potent and Selective Cytotoxic Agent Towards Quiescent Human Glioblastoma Tumor Stem-Like Cells. 2015 , 10, e0134793	16
210	Rottlerin inhibits cell growth and invasion via down-regulation of Cdc20 in glioma cells. 2016 , 7, 69770-69782	27
209	IDH1 R132H mutation regulates glioma chemosensitivity through Nrf2 pathway. 2017 , 8, 28865-28879	12
208	Human cytomegalovirus immediate-early protein promotes survival of glioma cells through interacting and acetylating ATF5. 2017 , 8, 32157-32170	12
207	Eradication of LIG4-deficient glioblastoma cells by the combination of PARP inhibitor and alkylating agent. 2018 , 9, 36867-36877	4
206	Targeting glioma stem cells enhances anti-tumor effect of boron neutron capture therapy. 2016 , 7, 43095-43108	9
205	The role of glutamate transport and SLC7A11 expression in tumor-associated seizures and survival in patients with malignant gliomas. 2016 , 4, S18	1

204	Cold Atmospheric Plasma as a Novel Therapeutic Tool for the Treatment of Brain Cancer. 2020 , 26, 2195-2206	3
203	Suicide Gene Therapy Against Malignant Gliomas by the Local Delivery of Genetically Engineered Umbilical Cord Mesenchymal Stem Cells as Cellular Vehicles. 2019 , 19, 330-341	7
202	Neurokinin-1 Receptor Antagonists as Anticancer Drugs. 2019 , 16, 1110-1129	4
201	Glioma and Neurokinin-1 Receptor Antagonists: A New Therapeutic Approach. 2019 , 19, 92-100	3
200	Azacitidine Loaded PLGA Nanoparticles and their Dual Release Mechanism. 2020 , 10, 280-289	4
199	Clinicopathological Features and Prognosis of Indonesian Patients with Gliomas with IDH Mutation: Insights into Its Significance in a Southeast Asian Population. 2020 , 21, 2287-2295	4
198	TRPM7 Induces Tumorigenesis and Stemness Through Notch Activation in Glioma. 2020 , 11, 590723	4
197	Identification of potential crucial genes and molecular mechanisms in glioblastoma multiforme by bioinformatics analysis. 2020 , 22, 859-869	8
196	A natural compound obtained from selectively inhibits glioma stem cells. 2020 , 19, 1384-1392	2
195	miR-138-5p suppresses glioblastoma cell viability and leads to cell cycle arrest by targeting cyclin D3. 2020 , 20, 264	4
194	Issues to Consider in Designing Immunotherapy Clinical Trials for Glioblastoma Management. 2016 , 07, 573-585	1
193	Low expression or hypermethylation of PLK2 might predict favorable prognosis for patients with glioblastoma multiforme. 2019 , 7, e7974	5
192	Subtotal Resection of a Thalamic Glioblastoma Multiforme through Transsylvian Approach. 2017 , 9, e1662	2
191	Results of a phase I trial to assess the safety of macitentan in combination with temozolomide for the treatment of recurrent glioblastoma. 2021 , 3, vdab141	
190	The Roles of Exosomes as Future Therapeutic Agents and Diagnostic Tools for Glioma. 2021 , 11, 733529	3
189	Kinomics platform using GBM tissue identifies BTK as being associated with higher patient survival. 2021 , 4,	0
188	Longitudinal Bottom-Up Proteomics of Serum, Serum Extracellular Vesicles, and Cerebrospinal Fluid Reveals Candidate Biomarkers for Early Detection of Glioblastoma in a Murine Model. 2021 , 26,	2
187	Is It Worth Considering Multicentric High-Grade Glioma a Surgical Disease? Analysis of Our Clinical Experience and Literature Review. 2021 , 7, 523-532	2

- 186 [The role of lipid metabolism disorders, atypical isoforms of protein kinase C, and mutational status of cytosolic and mitochondrial forms of isocitrate dehydrogenase in carcinogenesis of glial tumors]. **2018**, 82, 112-120 2
- 185 Management of physical symptoms in patient with glioblastoma multiforme from the nurse perspective. **2018**, 12, 248-253
- 184 Activation of dopamine receptor 2 (DRD2) prompts transcriptomic and metabolic plasticity in glioblastoma.
- 183 Wingless promotes JNK/MMPs positive feedback loop mediate tumour microtubes expansion, glioma progression and neurodegeneration.
- 182 Metabolic Deregulations Affecting Chromatin Architecture: One-Carbon Metabolism and Krebs Cycle Impact Histone Methylation. **2019**, 573-606 1
- 181 Needs of the patient with glioblastoma multiforme: a qualitative study. **2019**, 13, 135-140
- 180 miR-489 promotes apoptosis and inhibits invasiveness of glioma cells by targeting PAK5/RAF1 signaling pathways. **2019**, 42, 2390-2401 1
- 179 Cerebellar glioblastoma multiforme in an adult patient with neurofibromatosis type 1: an extremely rare report with review of literature. **2019**, 55,
- 178 Multiple Antitumor Molecular Mechanisms Are Activated by a Fully Synthetic and Stabilized Pharmaceutical Product Delivering the Active Compound Sulforaphane (SFX-01) in Preclinical Model of Human Glioblastoma. **2021**, 14, 2
- 177 Glioblastoma: State of the Art of Treatments and Applications of Polymeric and Lipidic Nanomedicines. **2021**, 1-61 1
- 176 Cell to cell communication is an early event in glioblastoma.
- 175 Immunotherapy and Radiosurgery. **2020**, 423-436
- 174 Molecular Investigation of Human Cytomegalovirus and Epstein-Barr virus in Glioblastoma Brain Tumor: A Case-Control Study in Iran. **2021**, 25, 426-33 2
- 173 MiR-1225-5p acts as tumor suppressor in glioblastoma via targeting. **2020**, 15, 872-881 1
- 172 LNX1 Modulates Notch1 Signaling to Promote Expansion of the Glioma Stem Cell Population During Temozolomide Therapy in Glioblastoma.
- 171 Lidocaine suppresses glioma cell proliferation by inhibiting TRPM7 channels. **2017**, 9, 8-15 19
- 170 Role of dimethyl fumarate in the treatment of glioblastoma multiforme: A review article. **2019**, 18, 127-133 3
- 169 Diagnostic and prognostic significance of serum miR-145-5p expression in glioblastoma. **2019**, 12, 2536-2543 6

168	Glioblastoma: Targeting Angiogenesis and Tyrosine Kinase Pathways. 2020 , 4, 398-401	1
167	CR13626: a novel oral brain penetrant tyrosine kinase inhibitor that reduces tumor growth and prolongs survival in a mouse model of glioblastoma. 2021 , 11, 3558-3574	
166	Formulation of Boron Encapsulated Smart Nanocapsules for Targeted Drug Delivery to the Brain. 2021 , 11, 10738	1
165	EZH2 inhibition in glioblastoma stem cells increases the expression of neuronal genes and the neuronal developmental regulators ZIC2, ZNF423 and MAFB.	0
164	EFNB1 Acts as a Novel Prognosis Marker in Glioblastoma through Bioinformatics Methods and Experimental Validation. 2021 , 2021, 4701680	0
163	Research Progress of circRNAs in Glioblastoma. 2021 , 9, 791892	1
162	Poly(allylguanidine)-Coated Surfaces Regulate TGF- β in Glioblastoma Cells to Induce Apoptosis NF- κ B Pathway Activation. 2021 ,	0
161	Downregulation of Williams syndrome transcription factor (WSTF) suppresses glioblastoma cell growth and invasion by inhibiting PI3K/AKT signal pathway. 2021 , 65,	
160	Insight into the Double-Edged Role of Ferroptosis in Disease.. 2021 , 11,	2
159	Development of Polymer-Based Nanoformulations for Glioblastoma Brain Cancer Therapy and Diagnosis: An Update. 2021 , 13,	4
158	CircABCC1 promotes the development of glioma by sponging miR-591 and modulating high-mobility group A2.. 2022 ,	0
157	ATX-101, a Peptide Targeting PCNA, Has Antitumor Efficacy Alone or in Combination with Radiotherapy in Murine Models of Human Glioblastoma.. 2022 , 14,	0
156	Circular RNA circFGFR1 Functions as an Oncogene in Glioblastoma Cells through Sponging to hsa-miR-224-5p.. 2022 , 2022, 7990251	0
155	Glycosylated paclitaxel mixed nanomicelles: Increasing drug brain accumulation and enhancing its in vitro antitumoral activity in glioblastoma cell lines. 2022 , 68, 103046	1
154	LncRNA HLA-F-AS1 Enhances the Migration, Invasion and Apoptosis of Glioblastoma Cells by Targeting lncRNA MEG3.. 2021 , 13, 9139-9145	
153	Use of FLOSEAL \square as a scaffold and its impact on induced neural stem cell phenotype, persistence, and efficacy.	0
152	The influence of the blood-brain barrier in the treatment of brain tumours.. 2022 ,	2
151	TMEM60 Promotes the Proliferation and Migration and Inhibits the Apoptosis of Glioma through Modulating AKT Signaling.. 2022 , 2022, 9913700	0

150	Strengthening Anti-Glioblastoma Effect by Multi-Branched Dendrimers Design of a Scorpion Venom Tetrapeptide.. 2022 , 27,	1
149	LncRNA Pelaton, a Ferroptosis Suppressor and Prognostic Signature for GBM.	
148	Dynamic Intercell Communication between Glioblastoma and Microenvironment through Extracellular Vesicles.. 2022 , 10,	0
147	Current Understanding of Exosomal MicroRNAs in Glioma Immune Regulation and Therapeutic Responses.. 2021 , 12, 813747	1
146	A novel hypocrellin-based assembly for sonodynamic therapy against glioblastoma. 2021 ,	0
145	Neisseria Meningitidis Opca Protein/MnO Hybrid Nanoparticles for Overcoming Blood Brain Barrier to Treat Glioblastoma.. 2022 , e2109213	4
144	In Silico Study to Enhance Delivery Efficiency of Charged Nanoscale Nasal Spray Aerosols to the Olfactory Region Using External Magnetic Fields.. 2022 , 9,	0
143	3D pseudo-continuous arterial spin labeling-MRI (3D PCASL-MRI) in the differential diagnosis between glioblastomas and primary central nervous system lymphomas.. 2022 , 1	1
142	Polymorphisms in autophagy genes are genetic susceptibility factors in glioblastoma development.. 2022 , 22, 146	1
141	Global research trends in radiotherapy for gliomas: a systematic bibliometric analysis.. 2022 ,	1
140	Analysis of corticosteroid and antiepileptic drug treatment effects on heme biosynthesis mRNA expression in lower-grade gliomas: potential implications for 5-ALA metabolization.. 2022 , 38, 102755	
139	Medicinal Plants for Glioblastoma Treatment.. 2021 ,	
138	Nanocarriers Call the Last Shot in the Treatment of Brain Cancers.. 2022 , 21, 15330338221080974	0
137	A Deep Learning Model for Preoperative Differentiation of Glioblastoma, Brain Metastasis and Primary Central Nervous System Lymphoma: A Pilot Study.. 2022 , 12, 816638	2
136	Ferroptosis Involvement in Glioblastoma Treatment.. 2022 , 58,	1
135	The Cationic Amphiphilic Drug Hexamethylene Amiloride Eradicates Bulk Breast Cancer Cells and Therapy-Resistant Subpopulations with Similar Efficiencies.. 2022 , 14,	
134	Oncogenic Forkhead box D3 antisense RNA 1 promotes cell survival and confers temozolomide resistance in glioblastoma cells through the miR-128-3p/WEE1 G2 checkpoint kinase axis.. 2022 , 13, 6012-6023 ⁰	
133	A BRD4 PROTAC nanodrug for glioma therapy via the intervention of tumor cells proliferation, apoptosis and M2 macrophages polarization. 2022 ,	4

132 Quercetin Inhibits Glioblastoma Growth and Prolongs Survival Rate through Inhibiting Glycolytic Metabolism.. **2022**, 1

131 Algorithmic reconstruction of glioblastoma network complexity.. **2022**, 25, 104179 1

130 Anti-glioblastoma effects of phenolic variants of benzoylphenoxycetamide (BPA) with high potential for blood brain barrier penetration.. **2022**, 12, 3384 2

129 The Metalloprotease-Disintegrin ADAM8 Alters the Tumor Suppressor miR-181a-5p Expression Profile in Glioblastoma Thereby Contributing to Its Aggressiveness.. **2022**, 12, 826273 1

128 The Neurokinin-1 Receptor Is Essential for the Viability of Human Glioma Cells: A Possible Target for Treating Glioblastoma.. **2022**, 2022, 6291504 0

127 Can inflammasomes promote the pathophysiology of glioblastoma multiforme? A view about the potential of the anti-inflammasome therapy as pharmacological target.. **2022**, 103641 0

126 Contributes to TMZ Resistance, Prognosis, and Immune Infiltration in GBM from a Novel Pyroptosis-Associated Risk Signature.. **2022**, 2022, 4534080 0

125 RNA Editing in Glioma as a Sexually Dimorphic Prognostic Factor That Affects mRNA Abundance in Fatty Acid Metabolism and Inflammation Pathways.. **2022**, 11, 1

124 Glioblastoma microenvironment: The stromal interactions.. **2022**, 232, 153813 1

123 Patient-Derived Xenotransplant of CNS Neoplasms in Zebrafish: A Systematic Review.. **2022**, 11, 1

122 Non-coding RNAs Enhance the Apoptosis Efficacy of Therapeutic Agents Used for the Treatment of Glioblastoma Multiform.. **2022**, 1-31 1

121 Bimetallic gold-platinum nanoparticles as a drug delivery system coated with a new drug to target glioblastoma.. **2022**, 214, 112463 1

120 POSSIBLE VIRAL ETIOLOGY OF GLIOBLASTOMA MULTIFORME. 1

119 A Comparison of Single- and Multiparametric MRI Models for Differentiation of Recurrent Glioblastoma from Treatment-Related Change.. **2021**, 11, 1

118 Mesenchymal stem cells shuttling miR-503 via extracellular vesicles enhance glioma immune escape. **2022**, 11, 1

117 Recent advances in organic and polymeric carriers for local tumor chemo-immunotherapy. **2022**, 65, 1011 1

116 Image_1.tif. **2020**, 1

115 Image_10.tif. **2020**, 1

114 Image_11.tif. 2020,

113 Image_2.tif. 2020,

112 Image_3.tif. 2020,

111 Image_4.tif. 2020,

110 Image_5.tif. 2020,

109 Image_6.tif. 2020,

108 Image_7.tif. 2020,

107 Image_8.tif. 2020,

106 Image_9.tif. 2020,

105 Table_1.docx. 2020,

104 Table_2.docx. 2020,

103 Table_3.docx. 2020,

102 Image_1.TIF. 2020,

101 Data_Sheet_1.pdf. 2019,

100 Data_Sheet_1.doc. 2018,

99 DataSheet1.DOCX. 2018,

98 Image_1.JPEG. 2019,

97 Image_2.JPEG. 2019,

96 Table_1.docx. **2019**,

95 Table_2.xls. **2019**,

94 Immune-related lncRNAs, LINC01268 and CTB-31O20.2, as favorable prognostic markers for glioma inhibition.. **2022**, 11, 823-834 0

93 Molecular mechanism of mA methylation of circDLC1 mediated by RNA methyltransferase METTL3 in the malignant proliferation of glioma cells.. **2022**, 8, 229 1

92 Iron Transporters and Ferroptosis in Malignant Brain Tumors.. **2022**, 12, 861834 3

91 Knockdown of NUSAP1 inhibits cell proliferation and invasion through downregulation of TOP2A in human glioblastoma.. **2022**, 0

90 The Involvement of Long Non-Coding RNAs in Glioma: From Early Detection to Immunotherapy. **2022**, 13, 1

89 Crosstalk between PI3K/AKT/mTOR and WNT/ECatenin signaling in GBM - Could combination therapy checkmate the collusion?. **2022**, 110350 0

88 Agent-based computational modelling of glioblastoma predicts that stromal density is central to oncolytic virus efficacy. **2022**, 104395 1

87 LncRNA , a Ferroptosis Suppressor and Prognostic Signature for GBM.. **2022**, 12, 817737 0

86 Drug Delivery to Primary and Metastatic Brain Tumors: Challenges and Opportunities. **2022**, 723-762 0

85 MicroRNA-1269 is downregulated in glioblastoma and its maturation is regulated by long non-coding RNA SLC16A1 Antisense RNA 1. **2022**, 13, 12749-12759 0

84 Targeted liposomes for combined delivery of artesunate and temozolomide to resistant glioblastoma. **2022**, 121608 2

83 Visual Loss as the Presenting Manifestation of Leptomeningeal Spread of Glioblastoma Multiforme to the Optic Chiasm. **2022**, Publish Ahead of Print,

82 Selective cell cycle arrest in glioblastoma cell lines by quantum molecular resonance alone or in combination with temozolomide. 1

81 Temozolomide increases heat shock proteins in extracellular vesicles released from glioblastoma cells. 0

80 Review on the Therapeutic Potential of Curcumin and its Derivatives on Glioma Biology. 1

79 Mechanical Properties of the Extracellular Environment of Human Brain Cells Drive the Effectiveness of Drugs in Fighting Central Nervous System Cancers. **2022**, 12, 927

- 78 Downregulation of GPR160 inhibits the progression of glioma through suppressing epithelial to mesenchymal transition (EMT) biomarkers.
- 77 Identification of a Five-mRNA Signature as a Novel Potential Prognostic Biomarker for Glioblastoma by Integrative Analysis. 13,
- 76 Biomarkers Regulated by Lipid-Soluble Vitamins in Glioblastoma. **2022**, 14, 2873 0
- 75 Molecular and Circulating Biomarkers in Patients with Glioblastoma. **2022**, 23, 7474 1
- 74 Delayed cerebral pseudoaneurysm following surgical and combined-modality therapy for glioblastoma multiforme: illustrative case. **2022**, 4,
- 73 7-Azaindole, 2,7-diazaindole, and 1H-pyrazole as core structures for novel anticancer agents with potential chemosensitizing properties. **2022**, 240, 114580 0
- 72 ABCD3 is a prognostic biomarker for glioma and associated with immune infiltration: A study based on oncolysis of gliomas. 12,
- 71 Engineered biomimetic nanoparticles achieve targeted delivery and efficient metabolism-based synergistic therapy against glioblastoma. **2022**, 13, 5
- 70 Tumor-targeting cell-penetrating peptide, p28, for glioblastoma imaging and therapy. 12, 0
- 69 Fraxinellone inhibits progression of glioblastoma via regulating the SIRT3 signaling pathway. **2022**, 153, 113416 0
- 68 Matteucinol combined with temozolomide inhibits glioblastoma proliferation, invasion, and progression: an in vitro, in silico, and in vivo study. 55,
- 67 Increased ASF1B Expression Correlates With Poor Prognosis in Patients With Gliomas. 12, 1
- 66 Inhibiting Metastasis and Improving Chemosensitivity via Chitosan-Coated Selenium Nanoparticles for Brain Cancer Therapy. **2022**, 12, 2606 0
- 65 Inflammatory aging clock: A cancer clock to characterize the patients' subtypes and predict the overall survival in glioblastoma. 13,
- 64 P2Y12 receptor antagonism inhibits proliferation, migration and leads to autophagy of glioblastoma cells.
- 63 Identification of Potential Biomarkers of Platelet RNA in Glioblastoma by Bioinformatics Analysis. **2022**, 2022, 1-15
- 62 Nanotechnology-Based Combinatorial Anti-Glioblastoma Therapies: Moving from Terminal to Treatable. **2022**, 14, 1697
- 61 Substrate viscosity impairs temozolomide-mediated inhibition of glioblastoma cells' growth. **2022**, 1868, 166513

60	Exploring the role of nanomedicines for the therapeutic approach of central nervous system dysfunction: At a glance. 10,	3
59	1m6A -modified HOTAIRM1 promotes vasculogenic mimicry formation in glioma.	0
58	Precise gliomas therapy: Hypoxia-activated prodrugs sensitized by nano-photosensitizers. 2022 , 289, 121770	0
57	Biomimetic Dp44mT-nanoparticles selectively induce apoptosis in Cu-loaded glioblastoma resulting in potent growth inhibition. 2022 , 289, 121760	0
56	An N-heterocyclic carbene iridium(III) complex as a potent anti-cancer stem cell therapeutic. 2022 , 367, 110167	0
55	PDA-Based Drug Delivery Nanosystems: A Potential Approach for Glioma Treatment. Volume 17, 3751-3775	1
54	Peroxidase is a novel potential marker in glioblastoma through bioinformatics method and experimental validation. 13,	0
53	Precise co-delivery of drug and cytotoxic exosomes using a biomimetic nanorobot for glioma regression and recurrence prevention.	0
52	Surgical Treatment of Glioblastoma: State-of-the-Art and Future Trends. 2022 , 11, 5354	0
51	Long non-coding RNA LINC01018 inhibits human glioma cell proliferation and metastasis by directly targeting miRNA-182-5p.	0
50	The Role of Apparent Diffusion Coefficient Values in Glioblastoma: Differentiating Tumor Progression Versus Treatment-Related Changes. Publish Ahead of Print,	0
49	Utilizing Immunoinformatics to Target Brain Tumors; An Aid to Current Neurosurgical Practice. 2022 , 2,	0
48	Hyaluronic Acid Scaffolds for Loco-Regional Therapy in Nervous System Related Disorders. 2022 , 23, 12174	0
47	Parvifloron D-based potential therapy for glioblastoma: Inducing apoptosis via the mitochondria dependent pathway. 13,	0
46	Characterization of EGFR-reprogrammable temozolomide-resistant cells in a model of glioblastoma. 2022 , 8,	2
45	New Directions in the Therapy of Glioblastoma. 2022 , 14, 5377	2
44	The miR-429 suppresses proliferation and migration in glioblastoma cells and induces cell-cycle arrest and apoptosis via modulating several target genes of ERBB signaling pathway.	0
43	Tau Protein as Therapeutic Target for Cancer? Focus on Glioblastoma. 2022 , 14, 5386	0

- 42 Smart Nanoformulations for Brain Cancer Theranostics: Challenges and Promises. **2022**, 14, 5389 1
- 41 Anticancer effects of ABTL0812, a clinical stage drug inducer of autophagy-mediated cancer cell death, in glioblastoma models. 12, 0
- 40 DNA5mC Regulator-Mediated Molecular Clusters and Tumor Microenvironment Signatures in Glioblastoma. 10, 0
- 39 Influence of measurement mode on the results of glioblastoma multiforme analysis with the FTIR microspectroscopy. **2022**, 122086 0
- 38 Therapeutic efficacy of ¹⁶⁶Holmium siloxane in microbrachytherapy of induced glioblastoma in minipig tumor model. 12, 0
- 37 Hypoxia Enhances Glioma Resistance to Sulfasalazine-Induced Ferroptosis by Upregulating SLC7A11 via PI3K/AKT/HIF-1 β Axis. **2022**, 2022, 1-22 1
- 36 Mesenchymal stem cells loaded with Ad5-Ki67/IL-15 enhance oncolytic adenovirotherapy in experimental glioblastoma. **2023**, 157, 114035 0
- 35 Co-doped ZnO nanowires: Synthesis, photocatalytic performance, and cytotoxic activity against human brain glioblastoma cells. **2023**, 5, 100734 0
- 34 Substrate stiffness regulates the recurrent glioblastoma cell morphology and aggressiveness. **2023**, 115, 107-127 1
- 33 Anoctamins and Calcium Signalling: An Obstacle to EGFR Targeted Therapy in Glioblastoma?. **2022**, 14, 5932 0
- 32 Kavain ablates the radio-resistance of IDH-wildtype glioblastoma by targeting LITAF/NF- κ B pathway. 0
- 31 LncRNA LINC01018 / miR -942-5p/ KNG1 axis regulates the malignant development of glioma in vitro and in vivo. 0
- 30 Valproik asidin ferroptoz reglasyonu yoluyla C6 glioblastoma hücrelerinin canlılığındeki etkileri. 667-674 0
- 29 Open Source Board Based Acoustofluidic Transwells for Reversible Disruption of the Blood-Brain Barrier for Therapeutic Delivery. 0
- 28 2,5-Bis(2,2,2-trifluoroethoxy)phenyl-tethered 1,3,4-Oxadiazoles Derivatives: Synthesis, In Silico Studies, and Biological Assessment as Potential Candidates for Anti-Cancer and Anti-Diabetic Agent. **2022**, 27, 8694 0
- 27 Role of the Ca²⁺ channel β auxiliary subunit in proliferation and migration of human glioblastoma cells. **2022**, 17, e0279186 0
- 26 Ferritin-Enhanced Direct MicroRNA Detection via Controlled Radical Polymerization. 0
- 25 CASP4 can be a diagnostic biomarker and correlated with immune infiltrates in gliomas. 12, 0

- 24 New phase therapeutic pursuits for targeted drug delivery in glioblastoma multiforme. 866-888 ○
- 23 Quercetin Targeting BIRC5 Inhibits the Proliferation of Glioblastoma and Affects the Prognosis Based on Bioinformatics and Network Pharmacology Analysis. **2023**, 13, 928-941 ○
- 22 Reprogramming systemic and local immune function to empower immunotherapy against glioblastoma. **2023**, 14, ○
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- 19 Differential Transcriptome Responses in Human THP-1 Macrophages Following Exposure to T98G and LN-18 Human Glioblastoma Secretions: A Simplified Bioinformatics Approach to Understanding Patient-Glioma-Specific Effects on Tumor-Associated Macrophages. **2023**, 24, 5115 ○
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- 17 Optimal Approximation of Fractional Order Brain Tumor Model Using Generalized Laguerre Polynomials. **2023**, 47, 501-513 ○
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- 15 Nasal administration of a temozolomide-loaded thermoresponsive nanoemulsion reduces tumor growth in a preclinical glioblastoma model. **2023**, 355, 343-357 ○
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- 12 Identification of Dysregulated microRNAs in Glioblastoma Stem-like Cells. **2023**, 13, 350 ○
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- 6 The short isoform of MS4A7 is a novel player in glioblastoma microenvironment, M2 macrophage polarization, and tumor progression. **2023**, 20, ○
- 5 Mechanisms of Resistance and Current Treatment Options for Glioblastoma Multiforme (GBM). **2023**, 15, 2116 ○
- 4 Lipid-Based Nanocarriers in the Treatment of Glioblastoma Multiforme (GBM): Challenges and Opportunities. **2023**, 24, ○
- 3 Advances in Surgical Treatment of Glioblastoma. **2023**, 13, 5501-5506 ○
- 2 U3 snoRNA -mediated degradation of ZBTB7A regulates aerobic glycolysis in isocitrate dehydrogenase 1 wild-type glioblastoma cells. ○
- 1 Advanced 3D Models of Human Brain Tissue Using Neural Cell Lines: State-of-the-Art and Future Prospects. **2023**, 12, 1181 ○