Current approaches to the treatment of metastatic brai

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Citation Report

#	Article	IF	CITATIONS
1	Brain Metastases in Gastrointestinal Cancers: Is there a Role for Surgery?. International Journal of Molecular Sciences, 2014, 15, 16816-16830.	1.8	25
2	Acetate Is a Bioenergetic Substrate for Human Glioblastoma and Brain Metastases. Cell, 2014, 159, 1603-1614.	13.5	594
3	Predicting Outcomes: Recursive Partitioning Analysis (RPA) Prognostic Algorithm for Patients with Metastatic Sarcoma to the Brain. World Neurosurgery, 2014, 82, 1030-1032.	0.7	0
4	Predictive molecular markers in metastases to the central nervous system: recent advances and future avenues. Acta Neuropathologica, 2014, 128, 879-891.	3.9	54
5	Synthesis of new acids based on bis(dicarbollide)cobalt. Russian Chemical Bulletin, 2014, 63, 2334-2337.	0.4	5
6	Aqueous Phase Synthesis of Highly Luminescent, Nitrogen-Doped Carbon Dots and Their Application as Bioimaging Agents. Langmuir, 2014, 30, 14270-14275.	1.6	111
7	Role of the Neural Niche in Brain Metastatic Cancer. Cancer Research, 2014, 74, 4011-4015.	0.4	59
8	Brain metastasis: New opportunities to tackle therapeutic resistance. Molecular Oncology, 2014, 8, 1120-1131.	2.1	37
10	Genomic profiling toward precision medicine in non-small cell lung cancer: getting beyond EGFR. Pharmacogenomics and Personalized Medicine, 2015, 8, 63.	0.4	24
11	Interactions between αv-Integrin and HER2 and Their Role in the Invasive Phenotype of Breast Cancer Cells In Vitro and in Rat Brain. PLoS ONE, 2015, 10, e0131842.	1.1	17
12	Colorectal cancer: Metastases to a single organ. World Journal of Gastroenterology, 2015, 21, 11767.	1.4	233
13	Stereotactic Radiosurgery With or Without Whole-Brain Radiotherapy for Brain Metastases. JAMA Oncology, 2015, 1, 457.	3.4	190
14	Functional diffusion map: A biomarker of brain metastases response to treatment based on magnetic resonance image analysis. , 2015, 2015, 4282-5.		5
15	Overview of Epidemiology, Pathology, and Treatment of Metastatic Brain Tumors. , 2015, , 29-43.		0
17	Repeat Courses of Stereotactic Radiosurgery (SRS), Deferring Whole-Brain Irradiation, forÂNew Brain Metastases After Initial SRS. International Journal of Radiation Oncology Biology Physics, 2015, 92, 993-999.	0.4	70
18	Drug delivery strategies to enhance the permeability of the blood–brain barrier for treatment of glioma. Drug Design, Development and Therapy, 2015, 9, 2089.	2.0	107
19	Neurosurgical management of brain metastases. Current Problems in Cancer, 2015, 39, 89-98.	1.0	4
20	Anti-breast cancer properties and toxicity of Dillenia suffruticosa root aqueous extract in BALB/c mice. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 1018-1026.	0.5	9

#	Article	IF	CITATIONS
21	VEGF-B-Neuropilin-1 signaling is spatiotemporally indispensable for vascular and neuronal development in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5944-53.	3.3	33
22	Discovery and Evaluation of Clinical Candidate AZD3759, a Potent, Oral Active, Central Nervous System-Penetrant, Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor. Journal of Medicinal Chemistry, 2015, 58, 8200-8215.	2.9	113
23	A model evaluation study for treatment planning of laser-induced thermal therapy. International Journal of Hyperthermia, 2015, 31, 705-714.	1.1	17
24	Brain Tumors: Epidemiology and Current Trends in Treatment. Journal of Brain Tumors & Neurooncology, 2016, 01, .	0.1	6
25	Role of Blood–Brain Barrier, Choroid Plexus, and Cerebral Spinal Fluid in Extravasation and Colonization of Brain Metastases. , 2016, , 77-102.		0
26	Combining Radiation Therapy with Immune Checkpoint Blockade for Central Nervous System Malignancies. Frontiers in Oncology, 2016, 6, 212.	1.3	35
27	Current Approaches of Photothermal Therapy in Treating Cancer Metastasis with Nanotherapeutics. Theranostics, 2016, 6, 762-772.	4.6	724
28	Brain metastases detection on MR by means of threeâ€dimensional tumorâ€appearance template matching. Journal of Magnetic Resonance Imaging, 2016, 44, 642-652.	1.9	30
29	RGD peptide conjugation results in enhanced antitumor activity of PD0325901 against glioblastoma by both tumor-targeting delivery and combination therapy. International Journal of Pharmaceutics, 2016, 505, 329-340.	2.6	45
30	Metastasis-inducing proteins are widely expressed in human brain metastases and associated with intracranial progression and radiation response. British Journal of Cancer, 2016, 114, 1101-1108.	2.9	16
31	Central nervous system involvement in ALK-rearranged NSCLC: promising strategies to overcome crizotinib resistance. Expert Review of Anticancer Therapy, 2016, 16, 615-623.	1.1	21
32	Efficacy and pharmacokinetics of a modified acid-labile docetaxel-PRINT [®] nanoparticle formulation against non-small-cell lung cancer brain metastases. Nanomedicine, 2016, 11, 1947-1955.	1.7	23
33	Overview of Pathology and Treatment of Metastatic Brain Tumors. , 2016, , 23-33.		0
34	Small Molecule Kinase Inhibitors for the Treatment of Brain Cancer. Journal of Medicinal Chemistry, 2016, 59, 10030-10066.	2.9	106
35	Brain Metastases Detection Algorithms in Magnetic Resonance Imaging. IEEE Latin America Transactions, 2016, 14, 1109-1114.	1.2	16
36	"Comet tail sign†A pitfall of post-gadolinium magnetic resonance imaging findings for metastatic brain tumors. Journal of Neuro-Oncology, 2016, 127, 589-595.	1.4	3
37	Treatment of experimental human breast cancer and lung cancer brain metastases in mice by macitentan, a dual antagonist of endothelin receptors, combined with paclitaxel. Neuro-Oncology, 2016, 18, 486-496.	0.6	44
38	The impact of brain metastasis on quality of life, resource utilization and survival in patients with non-small-cell lung cancer. Cancer Treatment Reviews, 2016, 45, 139-162.	3.4	187

#	Article	IF	CITATIONS
39	Targeted Therapies for the Treatment of Brain Metastases in Solid Tumors. Targeted Oncology, 2016, 11, 263-275.	1.7	17
40	Superior Efficacy and Selectivity of Novel Small-Molecule Kinase Inhibitors of T790M-Mutant EGFR in Preclinical Models of Lung Cancer. Cancer Research, 2017, 77, 1200-1211.	0.4	11
41	Targeting of crosstalk between tumor and tumor microenvironment by βâ€Ð mannuronic acid (M2000) in murine breast cancer model. Cancer Medicine, 2017, 6, 640-650.	1.3	37
42	Checkpoint inhibitors in the treatment of brain metastases of non-small-cell lung cancer and melanoma. Future Oncology, 2017, 13, 1097-1103.	1.1	1
43	Tumor Microenvironment Activated Membrane Fusogenic Liposome with Speedy Antibody and Doxorubicin Delivery for Synergistic Treatment of Metastatic Tumors. ACS Applied Materials & Interfaces, 2017, 9, 9315-9326.	4.0	42
44	Kinase targets in CNS drug discovery. Future Medicinal Chemistry, 2017, 9, 303-314.	1.1	24
45	Immune Checkpoint Inhibitors for Brain Metastases. Current Oncology Reports, 2017, 19, 38.	1.8	18
46	Applying protein-based amide proton transfer MR imaging to distinguish solitary brain metastases from glioblastoma. European Radiology, 2017, 27, 4516-4524.	2.3	64
47	Covalent nano delivery systems for selective imaging and treatment of brain tumors. Advanced Drug Delivery Reviews, 2017, 113, 177-200.	6.6	67
48	Dynamic contrastâ€enhanced <scp>MRI</scp> perfusion for differentiating between melanoma and lung cancer brain metastases. Cancer Medicine, 2017, 6, 761-767.	1.3	24
49	Mechanisms of radiotherapy-associated cognitive disability in patients with brain tumours. Nature Reviews Neurology, 2017, 13, 52-64.	4.9	338
50	Emerging treatment paradigms for brain metastasis in non-small-cell lung cancer: an overview of the current landscape and challenges ahead. Annals of Oncology, 2017, 28, 2923-2931.	0.6	46
51	Lung cancer-associated brain metastasis: Molecular mechanisms and therapeutic options. Cellular Oncology (Dordrecht), 2017, 40, 419-441.	2.1	104
52	Historical perspectives on the biology of brain metastasis. Clinical and Experimental Metastasis, 2017, 34, 365-367.	1.7	3
53	Post-operative stereotactic radiosurgery versus observation for completely resected brain metastases: a single-centre, randomised, controlled, phase 3 trial. Lancet Oncology, The, 2017, 18, 1040-1048.	5.1	537
54	The evolving clinical management of cerebral metastases. European Journal of Surgical Oncology, 2017, 43, 1173-1185.	0.5	11
55	Palliative treatment efficacy of glucose inhibition combined with chemotherapy for non‑small cell lung cancer with widespread bone and brain metastases: A case report. Biomedical Reports, 2017, 7, 553-557.	0.9	4
56	New carborane-containing acids and amines. Russian Chemical Bulletin, 2017, 66, 1643-1649.	0.4	18

#	Article	IF	CITATIONS
57	Breast Cancer Brain Metastases: Clonal Evolution in Clinical Context. International Journal of Molecular Sciences, 2017, 18, 152.	1.8	20
58	A Rare Clinical Presentation of Cholangiocarcinoma. Case Reports in Gastrointestinal Medicine, 2017, 2017, 1-4.	0.2	4
59	RNA Sequencing Analysis Reveals Interactions between Breast Cancer or Melanoma Cells and the Tissue Microenvironment during Brain Metastasis. BioMed Research International, 2017, 2017, 1-10.	0.9	28
61	Inhibiting Kinases in the CNS. , 2017, , 408-446.		0
62	Brain metastases from hepatocellular carcinoma: recent advances and future avenues. Oncotarget, 2017, 8, 25814-25829.	0.8	27
63	Primary and metastatic brain cancer genomics and emerging biomarkers for immunomodulatory cancer treatment. Seminars in Cancer Biology, 2018, 52, 259-268.	4.3	11
64	Overview of metastatic disease of the central nervous system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 149, 3-23.	1.0	28
65	A heterogeneous tissue model for treatment planning for magnetic resonance-guided laser interstitial thermal therapy. International Journal of Hyperthermia, 2018, 34, 943-952.	1.1	9
66	Bevacizumab and risk of intracranial hemorrhage in patients with brain metastases: a meta-analysis. Journal of Neuro-Oncology, 2018, 137, 49-56.	1.4	21
67	Antiâ€inflammatory and antiâ€tumor effects of α-l-guluronic acid (G2013) on cancer-related inflammation in a murine breast cancer model. Biomedicine and Pharmacotherapy, 2018, 98, 793-800.	2.5	43
68	Brain angiometastasis from a non-seminomatous germ cell tumor: A case report. International Journal of Surgery Case Reports, 2018, 42, 44-49.	0.2	6
69	Postoperative radiosurgery for the treatment of metastatic brain tumor: Evaluation of local failure and leptomeningeal disease. Journal of Clinical Neuroscience, 2018, 49, 48-55.	0.8	42
70	The breast graded prognostic assessment is associated with the survival outcomes in breast cancer patients receiving whole brain re-irradiation. Journal of Neuro-Oncology, 2018, 138, 637-647.	1.4	2
71	Programmed death ligand 1 expression and CD8+ tumor-infiltrating lymphocyte density differences between paired primary and brain metastatic lesions in non-small cell lung cancer. Biochemical and Biophysical Research Communications, 2018, 498, 751-757.	1.0	71
72	Targeting Brain-Adaptive Cancer Stem Cells Prohibits Brain Metastatic Colonization of Triple-Negative Breast Cancer. Cancer Research, 2018, 78, 2052-2064.	0.4	56
73	Theoretical model for laser ablation outcome predictions in brain: calibration and validation on clinical MR thermometry images. International Journal of Hyperthermia, 2018, 34, 101-111.	1.1	9
74	Brain Metastases of Non–Small Cell Lung Cancer: Prognostic Factors in Patients with Surgical Resection. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2018, 79, 101-107.	0.4	16
75	Early posttreatment assessment of MRI perfusion biomarkers can predict long-term response of lung cancer brain metastases to stereotactic radiosurgery. Neuro-Oncology, 2018, 20, 567-575.	0.6	27

#	Article	IF	CITATIONS
76	Foe or friend? Janus-faces of the neurovascular unit in the formation of brain metastases. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 563-587.	2.4	29
77	Gold nanorods-conjugated TiO2 nanoclusters for the synergistic combination of phototherapeutic treatments of cancer cells. Journal of Nanobiotechnology, 2018, 16, 104.	4.2	30
78	A Fibroblast Growth Factor Antagonist Peptide Inhibits Breast Cancer in BALB/c Mice. Open Life Sciences, 2018, 13, 348-354.	0.6	6
79	The Multifarious Role of Microglia in Brain Metastasis. Frontiers in Cellular Neuroscience, 2018, 12, 414.	1.8	25
80	Tunable Stability of Imidazotetrazines Leads to a Potent Compound for Glioblastoma. ACS Chemical Biology, 2018, 13, 3206-3216.	1.6	27
81	Efficacy of brain radiotherapy plus EGFR-TKI for EGFR-mutated NSCLC patients who develop brain metastasis. Archives of Medical Science, 2018, 14, 1298-1307.	0.4	28
82	Lymphatic targeting of hematoporphyrin monomethyl ether using poly (butyl-cyanoacrylate) based nanoparticle drug delivery system. Journal of the Iranian Chemical Society, 2018, 15, 1733-1739.	1.2	0
83	"But My Brother Should Be Treated― , 0, , 138-141.		0
84	Therapy of breast cancer brain metastases: challenges, emerging treatments and perspectives. Therapeutic Advances in Medical Oncology, 2018, 10, 175883591878031.	1.4	38
85	Sensitivity of different MRI sequences in the early detection of melanoma brain metastases. PLoS ONE, 2018, 13, e0193946.	1.1	27
86	Advances in the management of brain metastases from cancer of unknown primary. Future Oncology, 2019, 15, 2759-2768.	1.1	4
88	Genomics-Guided Immunotherapy for Precision Medicine in Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 487-497.	0.7	20
89	High-dose intravenous methotrexate in the management of breast cancer with leptomeningeal disease: Case series and review of the literature. Hematology/ Oncology and Stem Cell Therapy, 2019, 12, 189-193.	0.6	24
90	Blood–brain barrier permeable nano immunoconjugates induce local immune responses for glioma therapy. Nature Communications, 2019, 10, 3850.	5.8	199
91	Improved Drug Delivery to Brain Metastases by Peptide-Mediated Permeabilization of the Blood–Brain Barrier. Molecular Cancer Therapeutics, 2019, 18, 2171-2181.	1.9	17
92	A Blazing Landscape: Neuroinflammation Shapes Brain Metastasis. Cancer Research, 2019, 79, 423-436.	0.4	60
93	Distribution of metastasis in the brain in relation to the hippocampus: a retrospective single-center analysis of 565 metastases in 116 patients. Cancer Imaging, 2019, 19, 2.	1.2	10
94	A comprehensive review in improving delivery of small-molecule chemotherapeutic agents overcoming the blood-brain/brain tumor barriers for glioblastoma treatment. Drug Delivery, 2019, 26, 551-565.	2.5	107

#	Article	IF	CITATIONS
95	Treatment modalities and relative survival in patients with brain metastasis from colorectal cancer. BioScience Trends, 2019, 13, 182-188.	1.1	11
96	Phase II Study of Systemic High-dose Methotrexate and Intrathecal Liposomal Cytarabine for Treatment of Leptomeningeal Carcinomatosis From Breast Cancer. Clinical Breast Cancer, 2019, 19, 311-316.	1.1	26
97	Pre-Operative Versus Post-Operative Radiosurgery of Brain Metastases—Volumetric and Dosimetric Impact of Treatment Sequence and Margin Concept. Cancers, 2019, 11, 294.	1.7	21
98	Treatment response as predictor for brain metastasis in triple negative breast cancer: A scoreâ€based model. Breast Journal, 2019, 25, 363-372.	0.4	6
99	MicroRNA-148b regulates tumor growth of non-small cell lung cancer through targeting MAPK/JNK pathway. BMC Cancer, 2019, 19, 209.	1.1	29
100	Complete and Durable Response to Combined Chemo/Radiation Therapy in EGFR Wild-Type Lung Adenocarcinoma with Diffuse Brain Metastases. Diagnostics, 2019, 9, 42.	1.3	0
101	Brain metastases and treatment: multiplying cognitive toxicities. Expert Review of Anticancer Therapy, 2019, 19, 327-341.	1.1	4
102	Integrating Neuropsychological Outcomes into Clinical Studies for Treating Secondary or Primary Intracranial Malignancies in the Era of Modern Radiation Therapy. , 2019, 04, .		0
103	Bevacizumab in Combination with Pemetrexed and Platinum Significantly Improved the Clinical Outcome of Patients with Advanced Adenocarcinoma NSCLC and Brain Metastases. Cancer Management and Research, 2019, Volume 11, 10083-10092.	0.9	9
104	Tumors of the Brain. , 2019, , 27-34.		1
105	Using an in-vivo syngeneic spontaneous metastasis model identifies ID2 as a promoter of breast cancer colonisation in the brain. Breast Cancer Research, 2019, 21, 4.	2.2	20
106	Outcomes following stereotactic radiosurgery for small to medium-sized brain metastases are exceptionally dependent upon tumor size and prescribed dose. Neuro-Oncology, 2019, 21, 242-251.	0.6	27
107	Predictors of Local Control of Brain Metastasis Treated With Laser Interstitial Thermal Therapy. Neurosurgery, 2020, 87, 112-122.	0.6	30
108	Liposome–ligand conjugates: a review on the current state of art. Journal of Drug Targeting, 2020, 28, 225-244.	2.1	54
109	Patient-derived xenografts of central nervous system metastasis reveal expansion of aggressive minor clones. Neuro-Oncology, 2020, 22, 70-83.	0.6	12
110	Clinical Perspectives in Brain Metastasis. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a037051.	2.9	13
111	Can stress promote the pathophysiology of brain metastases? A critical review of biobehavioral mechanisms. Brain, Behavior, and Immunity, 2020, 87, 860-880.	2.0	4
112	The primary sites leading to brain metastases: Shifting trends at a tertiary care center. Journal of Clinical Neuroscience, 2020, 80, 121-124.	0.8	5

#	Article	IF	CITATIONS
113	Clinical study on different doses and fractionated radiotherapies for multiple brain metastases of non-EGFR mutant lung adenocarcinoma. Annals of Palliative Medicine, 2020, 9, 2003-2012.	0.5	4
114	Strategies and materials of "SMART" non-viral vectors: Overcoming the barriers for brain gene therapy. Nano Today, 2020, 35, 101006.	6.2	23
115	A Cascaded Deep-Learning Framework for Segmentation of Metastatic Brain Tumors Before and After Stereotactic Radiation Therapy. , 2020, 2020, 1063-1066.		4
116	Proteogenomic analysis of melanoma brain metastases from distinct anatomical sites identifies pathways of metastatic progression. Acta Neuropathologica Communications, 2020, 8, 157.	2.4	5
117	Developing Bioinspired Three-Dimensional Models of Brain Cancer to Evaluate Tumor-Homing Neural Stem Cell Therapy. Tissue Engineering - Part A, 2021, 27, 857-866.	1.6	11
118	Epigenetic Role of Histone Lysine Methyltransferase and Demethylase on the Expression of Transcription Factors Associated with the Epithelial-to-Mesenchymal Transition of Lung Adenocarcinoma Metastasis to the Brain. Cancers, 2020, 12, 3632.	1.7	11
119	Comorbidity Burden and Presence of Multiple Intracranial Lesions Are Associated with Adverse Events after Surgical Treatment of Patients with Brain Metastases. Cancers, 2020, 12, 3209.	1.7	21
120	Stereotactic Cavity Irradiation or Whole-Brain Radiotherapy Following Brain Metastases Resection—Outcome, Prognostic Factors, and Recurrence Patterns. Frontiers in Oncology, 2020, 10, 693.	1.3	11
121	Management evaluation of metastasis in the brain (MEMBRAIN)—a United Kingdom and Ireland prospective, multicenter observational study. Neuro-Oncology Practice, 2020, 7, 344-355.	1.0	3
122	A Preliminary Study of Adoptive T-cell Transfer Therapy for Patients With Non–Small-cell Lung Adenocarcinoma With Brain Metastasis: A Case Report of 3 Patients. Clinical Lung Cancer, 2020, 21, e270-e273.	1.1	4
123	Pre-stereotactic radiosurgery neutrophil-to-lymphocyte ratio is a predictor of the prognosis for brain metastases. Journal of Neuro-Oncology, 2020, 147, 691-700.	1.4	11
124	Does the application of diffusion weighted imaging improve the prediction of survival in patients with resected brain metastases? A retrospective multicenter study. Cancer Imaging, 2020, 20, 16.	1.2	8
125	Mortality, Morbidity, and Prognostic Factors in the Surgical Resection of Brain Metastases: A Contemporary Cohort Study. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2020, 81, 279-289.	0.4	8
126	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. Frontiers in Immunology, 2019, 10, 3132.	2.2	16
127	<p>Overcoming the Blood–Brain Barrier: Successes and Challenges inÂDeveloping Nanoparticle-Mediated Drug Delivery Systems for the Treatment of Brain Tumours</p> . International Journal of Nanomedicine, 2020, Volume 15, 2999-3022.	3.3	61
128	â€~Good cancer gone bad': a narrative review of HPV oropharyngeal cancer and potential poor outcomes. European Archives of Oto-Rhino-Laryngology, 2020, 277, 2185-2191.	0.8	9
129	Thin platelet-like COF nanocomposites for blood brain barrier transport and inhibition of brain metastasis from renal cancer. Journal of Materials Chemistry B, 2020, 8, 4475-4488.	2.9	16
130	Post-operative radiation therapy to the surgical cavity with standard fractionation in patients with brain metastases. Scientific Reports, 2020, 10, 6331.	1.6	11

#	Article	IF	Citations
131	Boron Neutron Capture Therapy Study of 10B Enriched Nanostructured Boron Carbide Against Cervical Cancer and Glioblastoma Cell Line. Journal of Cluster Science, 2021, 32, 221-225.	1.7	7
132	The value of DTI: achieving high diagnostic performance for brain metastasis. Radiologia Medica, 2021, 126, 291-298.	4.7	8
133	A Rare Case of Diffuse Subependymal Periventricular Metastases from Small Cell Lung Carcinoma. Case Reports in Oncology, 2021, 13, 1304-1310.	0.3	1
134	Preclinical Comparison of the Blood–brain barrier Permeability of Osimertinib with Other EGFR TKIs. Clinical Cancer Research, 2021, 27, 189-201.	3.2	106
135	Chlorogenic acid induces 4T1 breast cancer tumor's apoptosis via p53, Bax, Bclâ€2, and caspaseâ€3 signaling pathways in BALB/c mice. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22642.	1.4	38
136	Emerging Immunotherapies in the Treatment of Brain Metastases. Oncologist, 2021, 26, 231-241.	1.9	29
138	Post-operative management of brain metastases: GRADE-based clinical practice recommendations on behalf of the Italian Association of Radiotherapy and Clinical Oncology (AIRO). Journal of Cancer Research and Clinical Oncology, 2021, 147, 793-802.	1.2	0
139	Prophylactic Surgery for Neurosurgical Pathologies. , 2021, , 401-422.		0
140	Cumulative Intracranial Tumor Volume as a Prognostic Factor in Patients with Brain Metastases Undergoing Stereotactic Radiosurgery. Acta Neurochirurgica Supplementum, 2021, 128, 57-69.	0.5	0
141	Long-term survival after surgical resection of metachronous lung, brain and thyroid gland metastases from rectal cancer: A case report. International Journal of Surgery Case Reports, 2021, 79, 318-322.	0.2	0
142	Singleâ€fraction versus hypofractionated gamma knife radiosurgery for small metastatic brain tumors. Clinical and Experimental Metastasis, 2021, 38, 305-320.	1.7	4
143	MR Image Changes of Normal-Appearing Brain Tissue after Radiotherapy. Cancers, 2021, 13, 1573.	1.7	17
144	Mechanical tibial loading remotely suppresses brain tumors by dopamine-mediated downregulation of CCN4. Bone Research, 2021, 9, 26.	5.4	4
145	Surgical and Peri-Operative Considerations for Brain Metastases. Frontiers in Oncology, 2021, 11, 662943.	1.3	15
146	Standardizing Care of Neuro-oncology Patients Using a Customized Electronic Medical Record Toolkit. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 625-634.	1.2	0
148	Prior nasal delivery of antagomiR-122 prevents radiation-induced brain injury. Molecular Therapy, 2021, 29, 3465-3483.	3.7	15
149	Use of radiotherapy in breast cancer patients with brain metastases: a retrospective 11-year single center study. Journal of Medical Imaging and Radiation Sciences, 2021, 52, 214-222.	0.2	6
150	The Cannabinoid Receptor 1 Reverse Agonist AM251 Ameliorates Radiation-Induced Cognitive Decrements. Frontiers in Cellular Neuroscience, 2021, 15, 668286.	1.8	2

#	Article	IF	CITATIONS
151	Fluorescent boron carbide quantum dots synthesized with a low-temperature solvothermal approach for boron neutron capture therapy. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 132, 114766.	1.3	8
152	Successful salvage of recurrent leptomeningeal disease in large cell neuroendocrine lung cancer with stereotactic radiotherapy. Strahlentherapie Und Onkologie, 2021, 197, 1143-1147.	1.0	0
153	Treatment and Prognosis of Solid and Cystic Brain Metastases in Patients with Non-Small-Cell Lung Cancer. Cancer Management and Research, 2021, Volume 13, 6309-6317.	0.9	7
154	Brain Tumor Causes, Symptoms, Diagnosis and Radiotherapy Treatment. Current Medical Imaging, 2021, 17, 931-942.	0.4	3
155	Identification of potential genes related to breast cancer brain metastasis in breast cancer patients. Bioscience Reports, 2021, 41, .	1.1	21
156	Hypofractionated frameless gamma knife radiosurgery for large metastatic brain tumors. Clinical and Experimental Metastasis, 2021, 38, 31-46.	1.7	10
157	Rise of Raman spectroscopy in neurosurgery: a review. Journal of Biomedical Optics, 2020, 25, 1.	1.4	39
158	Factors predicting organ-specific distant metastasis in patients with completely resected lung adenocarcinoma. Oncotarget, 2016, 7, 58261-58273.	0.8	15
159	Two new species of betatorqueviruses identified in a human melanoma that metastasized to the brain. Oncotarget, 2017, 8, 105800-105808.	0.8	27
160	Distribution of metastatic disease in the brain in relation to the hippocampus: a retrospective single-center analysis of 6064 metastases in 632 patients. Oncotarget, 2015, 6, 44030-44036.	0.8	25
161	A pilot study using dynamic contrast enhanced-MRI as a response biomarker of the radioprotective effect of memantine in patients receiving whole brain radiotherapy. Oncotarget, 2016, 7, 50986-50996.	0.8	21
162	Upfront Cranial Radiotherapy Followed by Erlotinib Positively Affects Clinical Outcomes of Epidermal Growth Factor Receptor-mutant Non-small Cell Lung Cancer With Brain Metastases. Anticancer Research, 2019, 39, 923-931.	0.5	6
163	Laser interstitial thermal therapy as an adjunct therapy in brain tumors: A meta-analysis and comparison with stereotactic radiotherapy. , 2020, 11, 360.		6
164	Bilateral occipital metastases: Visual deficits and management considerations. , 2020, 11, 428.		1
165	Gamma Knife Radiosurgery for Metastatic Brain Tumors with Exophytic Hemorrhage. Journal of Korean Neurosurgical Society, 2018, 61, 592-599.	0.5	3
166	LncRNA AWPPH promotes the invasion and migration of glioma cells through the upregulation of HIF11±. Oncology Letters, 2019, 18, 6781-6786.	0.8	10
167	Brain metastases: advances over the decades. Annals of Palliative Medicine, 2015, 4, 225-32.	0.5	27
168	Brain metastasis research: a late awakening. Chinese Clinical Oncology, 2015, 4, 17.	0.4	5

# 169	ARTICLE The concept of rapid rescue radiosurgery in the acute management of critically located brain metastases: A retrospective short-term outcome analysis. , 2018, 9, 218.	IF	Citations
170	Compensatory CSF2-driven macrophage activation promotes adaptive resistance to CSF1R inhibition in breast-to-brain metastasis. Nature Cancer, 2021, 2, 1086-1101.	5.7	39
171	Case Studies in Neuropalliative Care. , 2018, , .		3
173	Computer-assisted brain surgery (neuronavigation) in Abuja, North Central Nigeria: A 3-year retrospective review and practical challenges. Nigerian postgraduate medical journal, The, 2019, 26, 174.	0.1	5
174	Magnetic Resonance Imaging for Quantification of Brain Vascular Perfusion. Neuromethods, 2021, , 289-321.	0.2	0
176	Systemic Therapy for Brain Metastases in Other Primary Cancers (Genitourinary, Gastrointestinal,) Tj ETQq1 1 0.	784314 rg	BT_/Overlock
177	Adaptive hypofractionated gamma knife radiosurgery in the acute management of brainstem metastases. Surgical Neurology International, 2019, 10, 14.	0.2	5
178	Safety and efficacy of nivolumab plus ipilimumab in patients with advanced renal cell carcinoma with brain metastases: CheckMate 920. Cancer, 2022, 128, 966-974.	2.0	24
179	Craniospinal irradiation in the treatment of chemotherapy refractory leptomeningeal metastasis from breast cancer: A case report. Cancer Reports, 2021, , e1556.	0.6	2
180	Cascade-responsive nano-assembly for efficient photothermal-chemo synergistic inhibition of tumor metastasis by targeting cancer stem cells. Biomaterials, 2022, 280, 121305.	5.7	28
181	The Application of Image Segmentation to Determine the Ratio of Peritumoral Edema Area to Tumor Area on Primary Malignant Brain Tumor and Metastases through Conventional Magnetic Resonance Imaging. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 26-30.	0.1	0
182	Cancer therapy, immunotherapy, photothermal therapy. , 2022, , 85-117.		0
183	Cranial irradiation impairs intrinsic excitability and synaptic plasticity of hippocampal CA1 pyramidal neurons with implications for cognitive function. Neural Regeneration Research, 2022, 17, 2253.	1.6	5
184	Effect and Tolerability of Immunotherapy in Patients with NSCLC with or without Brain Metastasis. Cancers, 2022, 14, 1682.	1.7	2
185	Hypoxia-induced GLT8D1 promotes glioma stem cell maintenance by inhibiting CD133 degradation through N-linked glycosylation. Cell Death and Differentiation, 2022, 29, 1834-1849.	5.0	24
192	A Therapeutic Sheep in Metastatic Wolf's Clothing: Trojan Horse Approach for Cancer Brain Metastases Treatment. Nano-Micro Letters, 2022, 14, 114.	14.4	7
193	MUC21 controls melanoma progression via regulating SLITRK5 and hedgehog signaling pathway. Cell Biology International, 2022, 46, 1458-1467.	1.4	2
194	Porphyrin-decorated ZnO nanowires as nanoscopic injectors for phototheragnosis of cancer cells. New Journal of Chemistry, 0, , .	1.4	2

#	Article	IF	CITATIONS
195	CXC Motif Chemokine Receptor Type 4 Disrupts Blood-Brain Barrier and Promotes Brain Metastasis Through Activation of the PI3K/AKT Pathway in Lung Cancer. World Neurosurgery, 2022, 166, e369-e381.	0.7	1
196	Efficacy of HSV-TK/GCV system suicide gene therapy using SHED expressing modified HSV-TK against lung cancer brain metastases. Molecular Therapy - Methods and Clinical Development, 2022, 26, 253-265.	1.8	10
197	Selective Cell Size MRI Differentiates Brain Tumors from Radiation Necrosis. Cancer Research, 2022, 82, 3603-3613.	0.4	5
198	Overview of pathology and treatment of metastatic brain tumors. , 2022, , 25-37.		0
199	Current approaches to the treatment of metastatic brain tumors. Vojnosanitetski Pregled, 2022, , 81-81.	0.1	0
201	Pregabalin mitigates microglial activation and neuronal injury by inhibiting HMGB1 signaling pathway in radiation-induced brain injury. Journal of Neuroinflammation, 2022, 19, .	3.1	12
202	Non-invasive prognostic biomarker of lung cancer patients with brain metastases: Recurrence quantification analysis of heart rate variability. Frontiers in Physiology, 0, 13, .	1.3	3
203	Neoadjuvant Stereotactic Radiotherapy for Brain Metastases: Systematic Review and Meta-Analysis of the Literature and Ongoing Clinical Trials. Cancers, 2022, 14, 4328.	1.7	5
204	Prime Editing: An Emerging Tool in Cancer Treatment. Molecular Biotechnology, 0, , .	1.3	0
205	Preoperative frailty measured by risk analysis index predicts complications and poor discharge outcomes after Brain Tumor Resection in a large multi-center analysis. Journal of Neuro-Oncology, 2022, 160, 285-297.	1.4	17
206	ALK TKI therapy in patients with ALK-positive non-small cell lung cancer and brain metastases: A review of the literature and local experiences. Critical Reviews in Oncology/Hematology, 2022, 180, 103847.	2.0	2
207	Survival and prognostic factors in patients undergoing the resection of solitary brain metastasis from non-small cell lung cancer: a retrospective cohort study. Journal of Thoracic Disease, 2022, 14, 4113-4124.	0.6	4
208	Clinical and radiological profiles of metastatic brain tumor in Indonesia: A study at Dr. Soetomo Hospital, Surabaya. Bali Medical Journal, 2022, 11, 241-245.	0.1	0
209	Current treatment approaches for brain metastases in <i>ALK</i> / <i>ROS1</i> / <i>NTRK</i> -positive non-small-cell lung cancer. Expert Review of Anticancer Therapy, 2023, 23, 29-41.	1.1	1
210	Automatic Assessment of Stereotactic Radiation Therapy Outcome in Brain Metastasis Using Longitudinal Segmentation on Serial MRI. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2681-2692.	3.9	2
211	Radiosurgery of limited brain metastases from primary solid tumor: results of the randomized phase III trial (NCT02355613) comparing treatments executed with a specialized or a C-arm linac-based platform. Radiation Oncology, 2023, 18, .	1.2	6
212	Case report: Multiple brain metastases of atrial myxoma: Clinical experience and literature review. Frontiers in Neurology, 0, 13, .	1.1	2
213	Capilliposide B inhibits the migration of prostate cancer by inducing autophagy through the <scp>ROS</scp> / <scp>AMPK</scp> / <scp>mTOR</scp> pathway. Phytotherapy Research, 2023, 37, 2902-2914.	2.8	2

#	Article	IF	CITATIONS
214	Spindle cell carcinoma with cystic brain metastasis: Successful treatment with stereotactic radiotherapy and anti‑programmed cell death‑1 antibodies: A case report. Oncology Letters, 2023, 25, .	0.8	0