Postoperative stereotactic radiosurgery compared with resected metastatic brain disease (NCCTG N107C/CECÂ controlled, phase 3 trial

Lancet Oncology, The

18, 1049-1060

DOI: 10.1016/s1470-2045(17)30441-2

Citation Report

#	Article	IF	Citations
1	SRS versus WBRT for resected brain metastases â€“ Authors' reply. Lancet Oncology, The, 2017, 18, e560.	5.1	1
2	Single fraction stereotactic radiosurgery for multiple brain metastases. Advances in Radiation Oncology, 2017, 2, 555-563.	0.6	44
3	SRS versus WBRT for resected brain metastases. Lancet Oncology, The, 2017, 18, e559.	5.1	3
4	Prophylactic Cranial Irradiation (PCI) versus Active MRI Surveillance for Small Cell Lung Cancer: The Case for Equipoise. Journal of Thoracic Oncology, 2017, 12, 1746-1754.	0.5	48
7	The Demise of Whole-Brain Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2017, 99, 1064-1066.	0.4	5
8	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
9	Radiosurgery for resected brain metastasesâ€”a new standard of care?. Lancet Oncology, The, 2017, 18, 985-987.	5.1	8
11	Radiotherapy for Oligometastatic Lung Cancer. Frontiers in Oncology, 2017, 7, 210.	1.3	38
12	The Tippy Barstool of Prophylactic Cranial Irradiation. Journal of Oncology Practice, 2017, 13, 742-743.	2.5	2
13	Diversity of brain metastases screening and management in non-small cell lung cancer in Europe: Results of the European Organisation for Research and Treatment of Cancer Lung Cancer Group survey. European Journal of Cancer, 2018, 93, 37-46.	1.3	69
14	Radiation Therapy in Brain Metastasis of Solid Tumors: A Challenge for the Future. , 2018, , 1-16.		0
15	Progress in Radiotherapy for Regional and Oligometastatic Disease in 2017. Journal of Thoracic Oncology, 2018, 13, 488-496.	0.5	10
16	Utilization of Stereotactic Radiosurgery for Renal Cell Carcinoma Brain Metastases. Clinical Genitourinary Cancer, 2018, 16, e935-e943.	0.9	28
17	Impacts of EGFR-mutation status and EGFR-TKI on the efficacy of stereotactic radiosurgery for brain metastases from non-small cell lung adenocarcinoma: A retrospective analysis of 133 consecutive patients. Lung Cancer, 2018, 119, 120-126.	0.9	21
19	Recent advances in the biology and treatment of brain metastases of non-small cell lung cancer: summary of a multidisciplinary roundtable discussion. ESMO Open, 2018, 3, e000262.	2.0	69
20	Stereotactic Radiosurgery for Resected Brain Metastases: New Evidence Supports a Practice Shift, but Questions Remain. International Journal of Radiation Oncology Biology Physics, 2018, 100, 535-538.	0.4	9
22	Generation of a New Disease-specific Prognostic Score for Patients With Brain Metastases From Small-cell Lung Cancer Treated With Whole Brain Radiotherapy (BMS-Score) and Validation of Two Other Indices. Clinical Lung Cancer, 2018, 19, 340-345.	1.1	16
23	Excellent Outcomes with Radiosurgery for MultipleÂBrain Metastases in ALK and EGFR DrivenÂNonâ€“Small Cell Lung Cancer. Journal of Thoracic Oncology, 2018, 13, 715-720.	0.5	48

#	Article	IF	Citations
24	Survival and prognostic factors for patients with melanoma brain metastases in the era of modern systemic therapy. Pigment Cell and Melanoma Research, 2018, 31, 509-515.	1.5	34
25	The number of prior lines of systemic therapy as a prognostic factor for patients with brain metastases treated with stereotactic radiosurgery: Results of a large single institution retrospective analysis. Clinical Neurology and Neurosurgery, 2018, 165, 24-28.	0.6	3
26	Predictors for a further local in-brain progression after re-craniotomy of locally recurrent cerebral metastases. Neurosurgical Review, 2018, 41, 813-823.	1.2	11
27	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
28	Control versus cognition: the changing paradigm of adjuvant therapy for resected brain metastasis. Neuro-Oncology, 2018, 20, 2-3.	0.6	7
31	Multicenter analysis of stereotactic radiotherapy of the resection cavity in patients with brain metastases. Cancer Medicine, 2018, 7, 2319-2327.	1.3	27
32	The effects of radiotherapy on the survival of patients with unresectable non-small cell lung cancer. Expert Review of Anticancer Therapy, 2018, 18, 593-602.	1.1	18
33	Toward Precision Medicine in Brain Metastases. Seminars in Neurology, 2018, 38, 095-103.	0.5	9
34	Radiation-induced cognitive toxicity: pathophysiology and interventions to reduce toxicity in adults. Neuro-Oncology, 2018, 20, 597-607.	0.6	65
35	Consensus Contouring Guidelines for Postoperative Completely Resected Cavity Stereotactic Radiosurgery for Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2018, 100, 436-442.	0.4	147
37	Stereotactic radiosurgery (SRS) alone versus whole brain radiotherapy plus SRS in patients with 1 to 4 brain metastases from non-small cell lung cancer stratified by the graded prognostic assessment. Medicine (United States), 2018, 97, e11777.	0.4	10
38	Infiltrating the Blood-Brain Barrier in ALK-Positive Lung Cancer. Journal of Clinical Oncology, 2018, 36, 2677-2679.	0.8	8
40	Management of Intracranial Metastatic Disease With Laser Interstitial Thermal Therapy. Frontiers in Oncology, 2018, 8, 499.	1.3	37
41	The role of surgical resection in patients with brain metastases. Current Opinion in Oncology, 2018, 30, 390-395.	1.1	20
42	The Changing Paradigm of Treatment for Non-Small Cell Lung Cancer Intracranial Metastases. Current Pulmonology Reports, 2018, 7, 203-213.	0.5	2
43	Incidence of Hippocampal Metastases: Laterality and Implications for Unilateral Hippocampal Avoiding Whole Brain Radiotherapy. BioMed Research International, 2018, 2018, 1-7.	0.9	4
44	Postoperative Management of Resected Brain Metastases: When Can Radiotherapy Be Deferred?. Journal of Clinical Oncology, 2018, 36, 3277-3281.	0.8	0
45	Efficacy of pre-operative stereotactic radiosurgery followed by surgical resection and correlative radiobiological analysis for patients with 1â€“4 brain metastases: study protocol for a phase II trial. Radiation Oncology, 2018, 13, 252.	1.2	12

#	Article	IF	Citations
47	Preoperative Stereotactic Radiosurgery for Brain Metastases. Frontiers in Neurology, 2018, 9, 959.	1.1	41
48	Advantages of intensity modulated proton therapy during hippocampal avoidance whole brain radiation therapy. Physics and Imaging in Radiation Oncology, 2018, 8, 28-32.	1.2	11
49	Whole-Brain Radiotherapy for Brain Metastases: Evolution or Revolution?. Journal of Clinical Oncology, 2018, 36, 483-491.	0.8	151
50	The Future Is Nowâ€"Prospective Study of Radiosurgery for More Than 4 Brain Metastases to Start in 2018!. Frontiers in Oncology, 2018, 8, 380.	1.3	13
51	Stereotactic Radiosurgery and Immune Checkpoint Inhibitors in the Management of Brain Metastases. International Journal of Molecular Sciences, 2018, 19, 3054.	1.8	44
52	Dosimetric and localization accuracy of Elekta high definition dynamic radiosurgery. Physica Medica, 2018, 54, 146-151.	0.4	13
53	Surgical resection and postoperative radiosurgery versus staged radiosurgery for large brain metastases. Journal of Neuro-Oncology, 2018, 140, 749-756.	1.4	27
54	The Role of Navigated Transcranial Magnetic Stimulation Motor Mapping in Adjuvant Radiotherapy Planning in Patients With Supratentorial Brain Metastases. Frontiers in Oncology, 2018, 8, 424.	1.3	18
55	Present Role of Surgery for Brain Metastases. World Neurosurgery, 2018, 120, 423-425.	0.7	5
56	Prevention of Brain Metastases. Frontiers in Neurology, 2018, 9, 758.	1.1	10
57	Precision Medicineâ€"Targeted Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, 734.	0.4	1
58	Management of brain metastases in non-small cell lung cancer in the era of tyrosine kinase inhibitors. Cancer Treatment Reviews, 2018, 71, 59-67.	3.4	39
59	Changes in Brain Metastasis During Radiosurgical Planning. International Journal of Radiation Oncology Biology Physics, 2018, 102, 727-733.	0.4	38
60	Strategies to Preserve Cognition in Patients With Brain Metastases: A Review. Frontiers in Oncology, 2018, 8, 415.	1.3	24
61	Postoperative local fractionated radiotherapy for resected single brain metastases. Strahlentherapie Und Onkologie, 2018, 194, 1163-1170.	1.0	13
62	Postoperative Cavity Stereotactic Radiosurgery for Brain Metastases. Frontiers in Oncology, 2018, 8, 342.	1.3	28
64	Irrational fear of wholeâ€brain radiotherapy: Are we doing our patients a disservice?. Cancer, 2018, 124, 3468-3473.	2.0	5
65	Neoadjuvant Stereotactic Radiosurgery Before Surgical Resection of Cerebral Metastases. World Neurosurgery, 2018, 120, e480-e487.	0.7	27

#	Article	IF	Citations
66	Prophylactic Cranial Irradiation Versus Surveillance: Physician Bias and Patient-centered Decision-making. Clinical Lung Cancer, 2018, 19, 464-466.	1.1	2
67	Surgery versus stereotactic radiotherapy for people with single or solitary brain metastasis. The Cochrane Library, 2018, 2018, CD012086.	1.5	19
68	Stereotactic radiotherapy in metastatic breast cancer. Breast, 2018, 41, 57-66.	0.9	15
69	Repeated in-field radiosurgery for locally recurrent brain metastases: Feasibility, results and survival in a heavily treated patient cohort. PLoS ONE, 2018, 13, e0198692.	1.1	47
70	Absolute CBV for the differentiation of recurrence and radionecrosis of brain metastases after gamma knife radiotherapy: a comparison with relative CBV. Clinical Radiology, 2018, 73, 758.e1-758.e7.	0.5	11
71	Therapeutic perspectives for brain metastases in non-oncogene addicted non-small cell lung cancer (NSCLC): Towards a less dismal future?. Critical Reviews in Oncology/Hematology, 2018, 128, 19-29.	2.0	14
72	Stereotactic radiosurgery and immunotherapy in melanoma brain metastases: Patterns of care and treatment outcomes. Radiotherapy and Oncology, 2018, 128, 266-273.	0.3	48
73	New developments in brain metastases. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641878550.	1.5	25
74	Neuro-oncology perspective of treatment options in metastatic breast cancer. Future Oncology, 2018, 14, 1765-1774.	1.1	5
75	Proton Therapy for Brain Metastases: A Question of Value. International Journal of Radiation Oncology Biology Physics, 2018, 101, 830-832.	0.4	8
76	A survey of stereotactic radiation therapy in veterinary medicine. Veterinary Radiology and Ultrasound, 2018, 59, 786-795.	0.4	10
77	Hypofractionated and Stereotactic Radiation Therapy. , 2018, , .		2
78	Neurocognitive evaluation of brain metastases patients treated with post-resection stereotactic radiosurgery: a prospective single arm clinical trial. Journal of Neuro-Oncology, 2018, 140, 307-315.	1.4	6
79	Stereotactic radiosurgery to surgical cavity post resection of brain metastases: Local recurrence and overall survival rates. A singleâ€centre experience. Journal of Medical Imaging and Radiation Oncology, 2018, 62, 726-733.	0.9	4
80	Modern management for brain metastasis patients using stereotactic radiosurgery: literature review and the authors’ gamma knife treatment experiences. Cancer Management and Research, 2018, Volume 10, 1889-1899.	0.9	30
81	Radiation Oncology in the 21st Century: Prospective Randomized Trials That Changed Practiceâ€¦ or Didnâ€™t!. Frontiers in Oncology, 2018, 8, 130.	1.3	4
82	Mechanisms and Therapy for Cancer Metastasis to the Brain. Frontiers in Oncology, 2018, 8, 161.	1.3	123
83	The level of reporting of neurocognitive outcomes in randomised controlled trials of brain tumour patients: AÂsystematic review. European Journal of Cancer, 2018, 100, 104-125.	1.3	6

#	Article	IF	Citations
84	Cognitive effects of stereotactic radiosurgery in adult patients with brain metastases: A systematic review. Advances in Radiation Oncology, 2018, 3, 568-581.	0.6	18
85	Onco-metabolism: defining the prognostic significance of obesity and diabetes in women with brain metastases from breast cancer. Breast Cancer Research and Treatment, 2018, 172, 221-230.	1.1	18
86	Local recurrence patterns after postoperative stereotactic radiation surgery to resected brain metastases: A quantitative analysis to guide target delineation. Practical Radiation Oncology, 2018, 8, 388-396.	1.1	14
87	Emerging Trends in the Management of Brain Metastases from Non-small Cell Lung Cancer. Current Oncology Reports, 2018, 20, 54.	1.8	19
89	Local control and possibility of tailored salvage after hypofractionated stereotactic radiotherapy of the cavity after brain metastases resection. Cancer Medicine, 2018, 7, 2350-2359.	1.3	15
90	Postoperative hypofractionated stereotactic brain radiation (HSRT) for resected brain metastases: improved local control with higher BED10. Journal of Neuro-Oncology, 2018, 139, 449-454.	1.4	34
91	The use of Hypofractionated Radiosurgery for the Treatment of Intracranial Lesions Unsuitable for Single-Fraction Radiosurgery. Neurosurgery, 2018, 83, 850-857.	0.6	10
92	Feasibility of dose escalation using intraoperative radiotherapy following resection of large brain metastases compared to post-operative stereotactic radiosurgery. Journal of Neuro-Oncology, 2018, 140, 413-420.	1.4	17
93	Effects of Surgery With Salvage Stereotactic Radiosurgery Versus Surgery With Whole-Brain Radiation Therapy in Patients With One to Four Brain Metastases (JCOG0504): A Phase III, Noninferiority, Randomized Controlled Trial. Journal of Clinical Oncology, 2018, 36, 3282-3289.	0.8	126
94	The Expanding Role of Radiosurgery for Brain Metastases. Medicines (Basel, Switzerland), 2018, 5, 90.	0.7	32
95	Postoperative stereotactic radiosurgery for patients with resected brain metastases: a volumetric analysis. Journal of Neuro-Oncology, 2018, 140, 395-401.	1.4	6
96	Combined FET PET/MRI radiomics differentiates radiation injury from recurrent brain metastasis. NeuroImage: Clinical, 2018, 20, 537-542.	1.4	113
97	Brain Metastases. Neurologic Clinics, 2018, 36, 557-577.	0.8	24
98	Personalized medicine in brain metastases: a plea for more translational studies. Personalized Medicine, 2018, 15, 141-143.	0.8	0
99	Preoperative Vs Postoperative Radiosurgery For Resected Brain Metastases: A Review. Neurosurgery, 2019, 84, 19-29.	0.6	50
100	Letter: Congress of Neurological Surgeons Systematic Review and Evidence-Based Practice Guidelines on the Role of Surgery in the Management of Adults With Metastatic Brain Tumors. Neurosurgery, 2019, 85, E616-E617.	0.6	1
101	Stereotactic irradiation of the resection cavity after surgical resection of brain metastases â€“ when is the right timing?. Acta OncolÃ³gica, 2019, 58, 1714-1719.	0.8	11
102	Fractionated stereotactic radiotherapy for local control of resected brain metastases. Journal of Neuro-Oncology, 2019, 144, 343-350.	1.4	25

#	Article	IF	Citations
103	Preoperative Dural Contact and Recurrence Risk After Surgical Cavity Stereotactic Radiosurgery for Brain Metastases: New Evidence in Support of Consensus Guidelines. Advances in Radiation Oncology, 2019, 4, 458-465.	0.6	14
104	Neoadjuvant Stereotactic Radiosurgery: a Further Evolution in the Management of Brain Metastases. Current Oncology Reports, 2019, 21, 73.	1.8	18
105	Managing Perplexing Intracranial Lesions. International Journal of Radiation Oncology Biology Physics, 2019, 105, 244.	0.4	0
106	Impact of adjuvant fractionated stereotactic radiotherapy dose on local control of brain metastases. Journal of Neuro-Oncology, 2019, 145, 385-390.	1.4	15
107	Operative and periâ€operative considerations in the management of brain metastasis. Cancer Medicine, 2019, 8, 6809-6831.	1.3	28
108	Intraoperative radiotherapy (IORT) for surgically resected brain metastases: outcome analysis of an international cooperative study. Journal of Neuro-Oncology, 2019, 145, 391-397.	1.4	32
109	Pathologically confirmed brain metastases from primary uterine cervical tumors: two cases and a literature review. World Journal of Surgical Oncology, 2019, 17, 174.	0.8	7
110	A 42-Year-Old Man With Lingual Nodules and a Headache. Clinical Infectious Diseases, 2019, 69, 1827-1829.	2.9	0
111	Neoadjuvant stereotactic radiosurgery for intracerebral metastases of solid tumors (NepoMUC): a phase I dose escalation trial. Cancer Communications, 2019, 39, 73.	3.7	6
112	Repeat stereotactic radiosurgery for the management of locally recurrent brain metastases. Journal of Neuro-Oncology, 2019, 145, 551-559.	1.4	25
113	Seeing Spaceship Earth. Diplomatic History, 0, , .	0.1	0
114	Contemporary practice patterns of stereotactic radiosurgery for brain metastasis: A review of published Australian literature. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 711-720.	0.9	7
115	In Reply: Congress of Neurological Surgeons Systematic Review and Evidence-Based Practice Guidelines on the Role of Surgery in the Management of Adults With Metastatic Brain Tumors. Neurosurgery, 2019, 85, E618-E618.	0.6	0
116	Successful use of frameless stereotactic radiosurgery for treatment of recurrent brain metastases in an 18-month-old child. International Journal of Neuroscience, 2019, 129, 1234-1239.	0.8	1
117	Unease With Uncertainty. International Journal of Radiation Oncology Biology Physics, 2019, 105, 244-245.	0.4	0
118	Surgery Followed by Hypofractionated Radiosurgery on the Tumor Bed in Oligometastatic Patients With Large Brain Metastases. Results of a Phase 2 Study. International Journal of Radiation Oncology Biology Physics, 2019, 105, 1095-1105.	0.4	15
119	AGO Recommendations for the Diagnosis and Treatment of Patients with Locally Advanced and Metastatic Breast Cancer: Update 2019. Breast Care, 2019, 14, 247-255.	0.8	32
120	Adjuvant Whole-Brain Radiation Therapy Compared With Observation After Local Treatment of Melanoma Brain Metastases: A Multicenter, Randomized Phase III Trial. Journal of Clinical Oncology, 2019, 37, 3132-3141.	0.8	78

#	Article	IF	Citations
121	Cognitive functioning and predictors thereof in patients with 1â€“10 brain metastases selected for stereotactic radiosurgery. Journal of Neuro-Oncology, 2019, 145, 265-276.	1.4	17
122	Fluorescein Application in Cranial and Spinal Tumors Enhancing at Preoperative MRI and Operated With a Dedicated Filter on the Surgical Microscope: Preliminary Results in 279 Patients Enrolled in the FLUOCERTUM Prospective Study. Frontiers in Surgery, 2019, 6, 49.	0.6	51
123	Single versus Multifraction Stereotactic Radiosurgery for Large Brain Metastases: An International Meta-analysis of 24 Trials. International Journal of Radiation Oncology Biology Physics, 2019, 103, 618-630.	0.4	168
124	Shifting paradigms: whole brain radiation therapy versus stereotactic radiosurgery for brain metastases. CNS Oncology, 2019, 8, CNS27.	1.2	24
125	Treating the Chameleon: Radiotherapy in the management of Renal Cell Cancer. Clinical and Translational Radiation Oncology, 2019, 16, 7-14.	0.9	9
126	The Evolving Modern Management of Brain Metastasis. Clinical Cancer Research, 2019, 25, 6570-6580.	3.2	83
127	Commentary: Image-Guided, Linac-Based, Surgical Cavity-Hypofractionated Stereotactic Radiotherapy in 5 Daily Fractions for Brain Metastases. Neurosurgery, 2019, 85, E870-E871.	0.6	0
128	Image-Guided, Linac-Based, Surgical Cavity-Hypofractionated Stereotactic Radiotherapy in 5 Daily Fractions for Brain Metastases. Neurosurgery, 2019, 85, E860-E869.	0.6	34
130	The American Brachytherapy Society consensus statement on intraoperative radiation therapy. Brachytherapy, 2019, 18, 242-257.	0.2	53
131	Radiation Therapy Complications Leading to Critical Illness. , 2019, , 1-8.		0
132	Cognitive Decline Secondary to Therapeutic Brain Radiationâ€”Similarities and Differences to Traumatic Brain Injury. Brain Sciences, 2019, 9, 97.	1.1	6
133	Modern Management of Central Nervous System Metastases in the Era of Targeted Therapy and Immune Oncology. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2019, 39, e59-e69.	1.8	8
134	Adverse Radiation Effect and Disease Control in Patients Undergoing Stereotactic Radiosurgery and Immune Checkpoint Inhibitor Therapy for Brain Metastases. World Neurosurgery, 2019, 126, e1399-e1411.	0.7	20
135	Prophylactic cranial irradiation (PCI) or magnetic resonance imaging (MRI) monitoring in limited small cell lung cancer: is it a question?. Precision Cancer Medicine, 0, 2, 10-10.	1.8	0
136	Effect of Postoperative Radiotherapy for Brain Metastases: An Analysis. Oncology Research and Treatment, 2019, 42, 256-262.	0.8	5
137	Nodular leptomeningeal disease after surgery for a brain metastasisâ€”should we be concerned?. Neuro-Oncology, 2019, 21, 959-960.	0.6	3
138	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
139	Survival and prognostic factors in surgically treated brain metastases. Journal of Neuro-Oncology, 2019, 143, 359-367.	1.4	35

#	Article	IF	Citations
140	Comparative effectiveness of multi-fraction stereotactic radiosurgery for surgically resected or intact large brain metastases from non-small-cell lung cancer (NSCLC). Lung Cancer, 2019, 132, 119-125.	0.9	20
141	The Current and Evolving Role of Radiation Therapy for Central Nervous System Metastases from Breast Cancer. Current Oncology Reports, 2019, 21, 50.	1.8	9
142	Role of Radiosurgery/Stereotactic Radiotherapy in Oligometastatic Disease: Brain Oligometastases. Frontiers in Oncology, 2019, 9, 206.	1.3	28
144	Pre-Operative Versus Post-Operative Radiosurgery of Brain Metastasesâ€"Volumetric and Dosimetric Impact of Treatment Sequence and Margin Concept. Cancers, 2019, 11, 294.	1.7	21
145	Focal radiation therapy for limited brain metastases is associated with high rates of local control and low subsequent whole brain radiation therapy. ANZ Journal of Surgery, 2019, 89, 418-422.	0.3	2
146	Association of Neurosurgical Resection With Development of Pachymeningeal Seeding in Patients With Brain Metastases. JAMA Oncology, 2019, 5, 703.	3.4	63
147	Renal Cell Carcinoma with Primary Presentation via Metastasis to the Trigeminal Ganglion. World Neurosurgery, 2019, 126, 30-36.	0.7	3
148	Turning â€œColdâ€•Into â€œHotâ€•Tumorsâ€"Opportunities and Challenges for Radio-Immunotherapy Against Primary and Metastatic Brain Cancers. Frontiers in Oncology, 2019, 9, 163.	1.3	85
149	Clinical Outcomes of Upfront Stereotactic Radiosurgery Alone for Patients With 5 to 15 Brain Metastases. Neurosurgery, 2019, 85, 257-263.	0.6	19
150	A multi-institutional analysis of presentation and outcomes for leptomeningeal disease recurrence after surgical resection and radiosurgery for brain metastases. Neuro-Oncology, 2019, 21, 1049-1059.	0.6	80
151	From Whole-Brain Radiotherapy to Immunotherapy: A Multidisciplinary Approach for Patients with Brain Metastases from NSCLC. Journal of Oncology, 2019, 2019, 1-12.	0.6	12
152	Canadian Consensus: Oligoprogressive, Pseudoprogressive, and Oligometastatic Non-Small-Cell Lung Cancer. Current Oncology, 2019, 26, 81-93.	0.9	38
153	Outcome after surgery in supratentorial and infratentorial solitary brain metastasis. Acta Neurochirurgica, 2019, 161, 1047-1053.	0.9	6
154	Stereotactic Radiation Therapy for Renal Cell Carcinoma Brain Metastases in the Tyrosine Kinase Inhibitors Era: Outcomes of 120 Patients. Clinical Genitourinary Cancer, 2019, 17, 191-200.	0.9	28
155	Impact of regular magnetic resonance imaging follow-up after stereotactic radiotherapy to the surgical cavity in patients with one to three brain metastases. Radiation Oncology, 2019, 14, 45.	1.2	5
156	Intraoperative brachytherapy for resected brain metastases. Brachytherapy, 2019, 18, 258-270.	0.2	17
157	Radiotherapy for Melanoma: More than DNA Damage. Dermatology Research and Practice, 2019, 2019, 1-9.	0.3	18
158	Treatment of Radiation-Induced Cognitive Decline in Adult Brain Tumor Patients. Current Treatment Options in Oncology, 2019, 20, 42.	1.3	31

#	Article	IF	Citations
159	Breast cancer subtype and intracranial recurrence patterns after brain-directed radiation for brain metastases. Breast Cancer Research and Treatment, 2019, 176, 171-179.	1.1	15
160	Ventricular violation increases the risk of leptomeningeal disease in cavity-directed radiosurgery treated patients. Journal of Radiation Oncology, 2019, 8, 23-29.	0.7	4
161	Multidisciplinary expert opinion on the treatment consensus for patients with EGFR mutated NSCLC with brain metastases. Critical Reviews in Oncology/Hematology, 2019, 138, 190-206.	2.0	8
162	Efficacy and Tolerance of Post-operative Hypo-Fractionated Stereotactic Radiotherapy in a Large Series of Patients With Brain Metastases. Frontiers in Oncology, 2019, 9, 184.	1.3	15
163	Central Nervous System Metastases in HER2-Positive Breast Cancer. , 2019, , 75-93.		0
164	Tumor Cavity Recurrence after Stereotactic Radiosurgery of Surgically Resected Brain Metastases: Implication of Deviations from Contouring Guidelines. Stereotactic and Functional Neurosurgery, 2019, 97, 24-30.	0.8	6
165	Current Treatment Options for Breast Cancer Brain Metastases. Current Treatment Options in Oncology, 2019, 20, 19.	1.3	10
166	Does Stereotactic Radiosurgery Have a Role in the Management of Patients Presenting With 4 or More Brain Metastases?. Neurosurgery, 2019, 84, 558-566.	0.6	36
167	Local control after brain-directed radiation in patients with cystic versus solid brain metastases. Journal of Neuro-Oncology, 2019, 142, 355-363.	1.4	13
168	The challenge of brain metastases from non-small cell lung cancer is not only an economical issue. Annals of Palliative Medicine, 2019, 8, 203-206.	0.5	3
169	Synchronous Oligometastatic Lung Cancer Deserves a Dedicated Management. Annals of Thoracic Surgery, 2019, 107, 1053-1059.	0.7	21
170	Tumors of the Central Nervous System: Therapeutic Approaches. , 2019, , 69-83.		0
171	Stereotactic Radiosurgery for Multiple Brain Metastases. Current Treatment Options in Neurology, 2019, 21, 6.	0.7	38
172	What Would I Want Done for My Mother?. International Journal of Radiation Oncology Biology Physics, 2019, 105, 941-942.	0.4	0
173	Radiation Therapy for Surgically Resected Brain Metastasis: What Is Your Approach?. International Journal of Radiation Oncology Biology Physics, 2019, 105, 938-939.	0.4	3
174	In Regard to Minniti etÂal. International Journal of Radiation Oncology Biology Physics, 2019, 105, 903-904.	0.4	0
175	Changing Paradigms in the Treatment of Brain Metastases. Journal of Oncology Practice, 2019, 15, 573-574.	2.5	1
176	Integrated treatment of brain metastases. Current Opinion in Oncology, 2019, 31, 501-507.	1.1	8

#	Article	IF	Citations
177	Management of Brain Metastases in Nonâ€“Small-Cell Lung Cancer. Journal of Oncology Practice, 2019, 15, 563-570.	2.5	91
178	Elevated Radiation Therapy Toxicity in the Setting of Germline PTEN Mutation. Practical Radiation Oncology, 2019, 9, 492-495.	1.1	4
179	Penetrating the evidence of EGFR and ALK tyrosine kinase inhibitors for non-small cell lung cancer brain metastases. Journal of Oncology Pharmacy Practice, 2019, 25, 623-637.	0.5	1
180	Optimal management of brain metastases in oncogenic-driven non-small cell lung cancer (NSCLC). Lung Cancer, 2019, 129, 63-71.	0.9	25
181	Reâ€examining the role of adjuvant radiation therapy. Journal of Surgical Oncology, 2019, 119, 242-248.	0.8	1
182	Cavity volume changes after surgery of aÂbrain metastasisâ€”consequences for stereotactic radiation therapy. Strahlentherapie Und Onkologie, 2019, 195, 207-217.	1.0	26
183	Comparison of Local Control of Brain Metastases With Stereotactic Radiosurgery vs Surgical Resection. JAMA Oncology, 2019, 5, 243.	3.4	81
184	Neoplastic Cerebral Aneurysm from Metastatic Lung Adenocarcinoma with Neuroendocrine Features. World Neurosurgery, 2019, 122, 155-160.	0.7	5
185	The association of health-related quality of life and cognitive function in patients receiving memantine for the prevention of cognitive dysfunction during whole-brain radiotherapy. Neuro-Oncology Practice, 2019, 6, 274-282.	1.0	9
186	Brain metastases. Nature Reviews Disease Primers, 2019, 5, 5.	18.1	579
187	Neurosurgical Resection and Stereotactic Radiation Versus Stereotactic Radiation Alone in Patients with a Single or Solitary Brain Metastasis. World Neurosurgery, 2019, 122, e1557-e1561.	0.7	17
188	Hemorrhagic and Cystic Brain Metastases Are Associated With an Increased Risk of Leptomeningeal Dissemination After Surgical Resection and Adjuvant Stereotactic Radiosurgery. Neurosurgery, 2019, 85, 632-641.	0.6	25
189	Is 5-ALA fluorescence of cerebral metastases a prognostic factor for local recurrence and overall survival?. Journal of Neuro-Oncology, 2019, 141, 547-553.	1.4	26
190	Assessment of Risk of Xerostomia After Whole-Brain Radiation Therapy and Association With Parotid Dose. JAMA Oncology, 2019, 5, 221.	3.4	19
191	Is it all a matter of size? Impact of maximization of surgical resection in cerebral tumors. Neurosurgical Review, 2019, 42, 835-842.	1.2	7
192	Neurosurgical management of patients with brain metastasis. Neurosurgical Review, 2020, 43, 483-495.	1.2	45
193	Single-Isocenter Multitarget Stereotactic Radiosurgery Is Safe and Effective in the Treatment of Multiple Brain Metastases. Advances in Radiation Oncology, 2020, 5, 70-76.	0.6	38
194	Focal Management of Large Brain Metastases and Risk of Leptomeningeal Disease. Advances in Radiation Oncology, 2020, 5, 34-42.	0.6	21

#	Article	IF	Citations
195	Leptomeningeal disease following local brain irradiation: a new frontier. Neuro-Oncology, 2020, 22, 5-6.	0.6	1
196	Brain Metastasis Organotropism. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a037242.	2.9	26
197	Neuro-Oncology Practice Clinical Debate: stereotactic radiosurgery or fractionated stereotactic radiotherapy following surgical resection for brain metastasis. Neuro-Oncology Practice, 2020, 7, 263-267.	1.0	4
198	Brain imaging and treatment modality of central nervous system metastasis: A singleâ€institution cohort. Breast Journal, 2020, 26, 812-814.	0.4	0
199	Nodular Leptomeningeal Diseaseâ€"A Distinct Pattern of Recurrence After Postresection Stereotactic Radiosurgery for Brain Metastases: A Multi-institutional Study of Interobserver Reliability. International Journal of Radiation Oncology Biology Physics, 2020, 106, 579-586.	0.4	30
200	Dosimetric Factors Related to Radiation Necrosis After 5-Fraction Radiosurgery for Patients With Resected Brain Metastases. Practical Radiation Oncology, 2020, 10, 36-43.	1.1	14
201	Predicting and implications of target volume changes of brain metastases during fractionated stereotactic radiosurgery. Radiotherapy and Oncology, 2020, 142, 175-179.	0.3	15
202	Radiation Therapy Practice Patterns for Brain Metastases in the United States in the Stereotactic Radiosurgery Era. Advances in Radiation Oncology, 2020, 5, 43-52.	0.6	36
203	Predictors of leptomeningeal disease following hypofractionated stereotactic radiotherapy for intact and resected brain metastases. Neuro-Oncology, 2020, 22, 84-93.	0.6	39
204	Quality of life in patients with limited (1â€"3) brain metastases undergoing stereotactic or whole brain radiotherapy. Strahlentherapie Und Onkologie, 2020, 196, 48-57.	1.0	21
205	A Phase II Study of Neoadjuvant Stereotactic Radiosurgery for Large Brain Metastases: Clinical Trial Protocol. Neurosurgery, 2020, 87, 403-407.	0.6	15
206	Optimizing Whole Brain Radiation Therapy Dose and Fractionation: Results From a Prospective Phase 3 Trial (NCCTG N107C [Alliance]/CEC.3). International Journal of Radiation Oncology Biology Physics, 2020, 106, 255-260.	0.4	22
207	Evidence of dose-response following hypofractionated stereotactic radiotherapy to the cavity after surgery for brain metastases. Journal of Neuro-Oncology, 2020, 146, 357-362.	1.4	6
208	Salvage gamma knife radiosurgery for active brain metastases from small-cell lung cancer after whole-brain radiation therapy: a retrospective multi-institutional study (JLGK1701). Journal of Neuro-Oncology, 2020, 147, 67-76.	1.4	5
209	Impact of Systemic Therapy in Metastatic Renal-Cell Carcinoma Patients With Synchronous and Metachronous Brain Metastases. Clinical Genitourinary Cancer, 2020, 18, e224-e232.	0.9	2
210	European consensus-based interdisciplinary guideline for melanoma. Part 2: Treatment â€" Update 2019. European Journal of Cancer, 2020, 126, 159-177.	1.3	154
211	Endoscopic Endonasal Transclival Resection of a Pontine Metastasis: Case Report and Operative Video. Operative Neurosurgery, 2020, 19, E75-E81.	0.4	3
212	Current Role of Radiation Therapy in the Management of Malignant Central Nervous System Tumors. Hematology/Oncology Clinics of North America, 2020, 34, 13-28.	0.9	9

#	Article	IF	Citations
213	Optimization of MLC parameters for TPS calculation and dosimetric verification: application to single isocenter radiosurgery of multiple brain lesions using VMAT. Biomedical Physics and Engineering Express, 2020, 6, 015004.	0.6	3
214	Utility of claims data for identification of date of diagnosis of brain metastases. Neuro-Oncology, 2020, 22, 575-576.	0.6	12
215	Coregistration of Magnetic Resonance and [18F] Fludeoxyglucoseâ€“Positron Emission Tomography Imaging for Stereotactic Radiation Therapy Planning: Case Report in a Previously Irradiated Brain Metastasis With Recurrent Tumor and Radiation Necrosis. Practical Radiation Oncology, 2020, 10, 133-137.	1.1	4
216	Stereotactic Radiosurgery for Resected Brain Metastases: Single-Institutional ExperienceÂofÂOver 500 Cavities. International Journal of Radiation Oncology Biology Physics, 2020, 106, 764-771.	0.4	40
217	Expanding the Spectrum of Radiation Necrosis After Stereotactic Radiosurgery (SRS) for Intracranial Metastases From Lung Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 128-132.	0.6	3
218	Incidence of Asymptomatic Brain Metastases in Metastatic Colorectal Cancer. Clinical Colorectal Cancer, 2020, 19, 263-269.	1.0	12
219	Local and systemic treatment for HER2-positive breast cancer with brain metastases: a comprehensive review. Therapeutic Advances in Medical Oncology, 2020, 12, 175883592095372.	1.4	12
220	Risk of radiation necrosis after hypofractionated stereotactic radiotherapy (HFSRT) for brain metastases: a single center retrospective study. Journal of Neuro-Oncology, 2020, 149, 447-453.	1.4	13
221	ESMO consensus conference recommendations on the management of metastatic melanoma: under the auspices of the ESMO Guidelines Committee. Annals of Oncology, 2020, 31, 1435-1448.	0.6	132
222	Survival estimation of melanoma patients with brain metastasis using the Melanoma-molGPA score: external validation from a French cohort. Melanoma Research, 2020, 30, 472-476.	0.6	5
223	Stereotactic Radiotherapy and Resection of Brain Metastases. JAMA Oncology, 2020, 6, 1910.	3.4	1
224	The impact of preoperative MRI-based apparent diffusion coefficients on local recurrence and outcome in patients with cerebral metastases. British Journal of Neurosurgery, 2020, , 1-8.	0.4	0
225	Stereotactic Radiosurgery for Resected Brain Metastases: Does the Surgical Corridor Need to be Targeted?. Practical Radiation Oncology, 2020, 10, e363-e371.	1.1	9
226	Melanoma brain metastases â€“ Interdisciplinary management recommendations 2020. Cancer Treatment Reviews, 2020, 89, 102083.	3.4	52
227	Dosimetric feasibility of brain stereotactic radiosurgery with a 0.35 T MRIâ€guided linac and comparison vs a Câ€armâ€mounted linac. Medical Physics, 2020, 47, 5455-5466.	1.6	11
228	Sector Irradiation vs. Whole Brain Irradiation After Resection of Singular Brain Metastasisâ€”A Prospective Randomized Monocentric Trial. Frontiers in Oncology, 2020, 10, 591884.	1.3	6
229	Review: Brain Metastases in Bladder Cancer. Bladder Cancer, 2020, 6, 237-248.	0.2	4
230	Radiosurgery for small-cell lung cancer brain metastases: a review. Journal of Thoracic Disease, 2020, 12, 6234-6239.	0.6	7

#	Article	IF	Citations
231	Patients with pretreatment leukoencephalopathy and older patients have more cognitive decline after whole brain radiotherapy. Radiation Oncology, 2020, 15, 271.	1.2	6
232	Response of Pembrolizumab Alone for Non-small Cell Lung Cancer With Brain Metastasis: A Case Report and Literature Review. Frontiers in Oncology, 2020, 10, 577159.	1.3	1
234	Why brain radiation therapy should take account of the individual structural and functional connectivity: Toward an irradiation â€œÃ la carteâ€• Critical Reviews in Oncology/Hematology, 2020, 154, 103073.	2.0	25
235	Radiosurgery for Small-Cell Brain Metastases: Challenging the Last Bastion of Preferential Whole-Brain Radiotherapy Delivery. Journal of Clinical Oncology, 2020, 38, 3587-3591.	0.8	19
236	Radiosurgery dose reduction for brain metastases on immunotherapy (RADREMI): A prospective phase I study protocol. Reports of Practical Oncology and Radiotherapy, 2020, 25, 500-506.	0.3	6
237	A Phase II Study of Abemaciclib in Patients with Brain Metastases Secondary to Hormone Receptorâ€“Positive Breast Cancer. Clinical Cancer Research, 2020, 26, 5310-5319.	3.2	102
238	Neurologic complications of lung cancer. Cancer, 2020, 126, 4455-4465.	2.0	5
239	Impact of breast cancer subtype on clinical outcomes after Gamma Knife radiosurgery for brain metastases from breast cancer: a multi-institutional retrospective study (JLGK1702). Breast Cancer Research and Treatment, 2020, 184, 149-159.	1.1	6
240	Effects of Cancer Stem Cells in Triple-Negative Breast Cancer and Brain Metastasis: Challenges and Solutions. Cancers, 2020, 12, 2122.	1.7	18
241	Stereotactic Radiosurgery and Stereotactic Body Radiotherapy in the Management of Oligometastatic Disease. Clinical Oncology, 2020, 32, 713-727.	0.6	30
242	Microstructural Injury to Left-Sided Perisylvian White Matter Predicts Language Decline After Brain Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1218-1228.	0.4	16
243	Executive summary from American Radium Societyâ€™s appropriate use criteria on neurocognition after stereotactic radiosurgery for multiple brain metastases. Neuro-Oncology, 2020, 22, 1728-1741.	0.6	19
244	Multidisciplinary patient-centered management of brain metastases and future directions. Neuro-Oncology Advances, 2020, 2, vdaa034.	0.4	30
245	Commentary: The Effects of Postoperative Neurological Deficits on Survival in Patients With Single Brain Metastasis. Operative Neurosurgery, 2020, 19, E552-E554.	0.4	0
246	Immune checkpoint inhibition in patients treated with stereotactic radiation for brain metastases. Radiation Oncology, 2020, 15, 245.	1.2	18
247	Benign and malignant tumors of the central nervous system and pregnancy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 172, 241-258.	1.0	3
248	Adjuvant hypofractionated stereotactic radiotherapy after resection of single large brain metastasis in patients with oligo-metastatic disease: a strategy finally validated?. Translational Cancer Research, 2020, 9, 3177-3179.	0.4	0
249	Adherence of US Insurance Payer Policies to the American Society of Radiation Oncology Stereotactic Radiosurgery Model Policy. Practical Radiation Oncology, 2020, 10, e250-e254.	1.1	0

#	Article	IF	Citations
250	Quantification of Scheduling Impact on Safety and Efficacy Outcomes of Brain Metastasis Radio- and Immuno-Therapies: A Systematic Review and Meta-Analysis. Frontiers in Oncology, 2020, 10, 1609.	1.3	8
251	Intracranial disease control for EGFR-mutant and ALK-rearranged lung cancer with large volume or symptomatic brain metastases. Journal of Neuro-Oncology, 2020, 149, 357-366.	1.4	6
252	Initial Approach to Patients with a Newly Diagnosed Solitary Brain Metastasis. Neurosurgery Clinics of North America, 2020, 31, 489-503.	0.8	2
253	Initial Approach to the Patient with Multiple Newly Diagnosed Brain Metastases. Neurosurgery Clinics of North America, 2020, 31, 505-513.	0.8	1
254	Whole-Brain Radiation Therapy Versus Stereotactic Radiosurgery for Cerebral Metastases. Neurosurgery Clinics of North America, 2020, 31, 565-573.	0.8	8
255	Validation of PTV margin for Gamma Knife Icon frameless treatment using a PseudoPatientÂ® Prime anthropomorphic phantom. Journal of Applied Clinical Medical Physics, 2020, 21, 278-285.	0.8	7
256	The management of elderly patients with brain metastases from breast cancer. Translational Cancer Research, 2020, 9, S62-S76.	0.4	0
257	Is local radiotherapy a viable option for patients with an opening of the ventricles during surgical resection of brain metastases?. Radiation Oncology, 2020, 15, 276.	1.2	2
258	Multi-institutional Analysis of Prognostic Factors and Outcomes After Hypofractionated Stereotactic Radiotherapy to the Resection Cavity in Patients With Brain Metastases. JAMA Oncology, 2020, 6, 1901.	3.4	47
259	Stereotactic Radiosurgery After Resection of Brain Metastases: Changing Patterns of Care in the United States. World Neurosurgery, 2020, 144, e797-e806.	0.7	9
261	Perioperative imaging in patients treated with resection of brain metastases: a survey by the European Association of Neuro-Oncology (EANO) Youngsters committee. BMC Cancer, 2020, 20, 410.	1.1	14
262	Selection of single-isocenter for multiple-target stereotactic brain radiosurgery to minimize total margin volume. Physics in Medicine and Biology, 2020, 65, 185012.	1.6	10
263	Single-Isocenter Volumetric Modulated Arc Therapy vs. CyberKnife M6 for the Stereotactic Radiosurgery of Multiple Brain Metastases. Frontiers in Oncology, 2020, 10, 568.	1.3	14
264	Stereotactic Cavity Irradiation or Whole-Brain Radiotherapy Following Brain Metastases Resectionâ€"Outcome, Prognostic Factors, and Recurrence Patterns. Frontiers in Oncology, 2020, 10, 693.	1.3	11
265	Clinical and radiographic adverse events after Gamma Knife radiosurgery for brainstem lesions: A dosimetric analysis. Radiotherapy and Oncology, 2020, 147, 200-209.	0.3	10
267	A multi-center analysis of single-fraction versus hypofractionated stereotactic radiosurgery for the treatment of brain metastasis. Radiation Oncology, 2020, 15, 128.	1.2	32
268	Evaluation of First-line Radiosurgery vs Whole-Brain Radiotherapy for Small Cell Lung Cancer Brain Metastases. JAMA Oncology, 2020, 6, 1028.	3.4	122
269	Prescription of memantine during non-stereotactic, brain-directed radiation among patients with brain metastases: a population-based study. Journal of Neuro-Oncology, 2020, 148, 509-517.	1.4	7

#	Article	IF	Citations
270	Advances in Management of Brain and Leptomeningeal Metastases. Current Neurology and Neuroscience Reports, 2020, 20, 26.	2.0	10
271	Management evaluation of metastasis in the brain (MEMBRAIN)â€"a United Kingdom and Ireland prospective, multicenter observational study. Neuro-Oncology Practice, 2020, 7, 344-355.	1.0	3
272	Whole-brain irradiation with hippocampal sparing and dose escalation on metastases: neurocognitive testing and biological imaging (HIPPORAD) â€" a phase II prospective randomized multicenter trial (NOA-14, ARO 2015â€"3, DKTK-ROG). BMC Cancer, 2020, 20, 532.	1.1	43
273	Stereotactic Ablative Radiotherapy for Recurrent or Metastatic Gynecological Cancer: Extending Lives?. Current Treatment Options in Oncology, 2020, 21, 58.	1.3	11
274	Challenges in the treatment of breast cancer brain metastases: evidence, unresolved questions, and a practical algorithm. Clinical and Translational Oncology, 2020, 22, 1698-1709.	1.2	9
275	Targeted Radiotherapy of the Tumor Cavity after Surgical Resection of Aggressive Recurrent Brain Metastasis: A Case Report. Case Reports in Oncology, 2020, 13, 233-238.	0.3	0
276	Patient Experience Captured by Quality-of-Life Measurement in Oncology Clinical Trials. JAMA Network Open, 2020, 3, e200363.	2.8	49
277	Outcomes of adjuvant whole-brain radiotherapy versus hypofractionated stereotactic radiotherapy after surgical resection of brain metastases: a propensity score-matched analysis. Chinese Clinical Oncology, 2020, 9, 55-55.	0.4	1
278	A Dose-Response Model of Local Tumor Control Probability After Stereotactic Radiosurgery for Brain Metastases Resection Cavities. Advances in Radiation Oncology, 2020, 5, 840-849.	0.6	4
279	Neurological and Medical Complications in Brain Tumor Patients. Current Neurology and Neuroscience Reports, 2020, 20, 33.	2.0	7
280	Neurologic Complications of Cranial Radiation Therapy and Strategies to Prevent or Reduce Radiation Toxicity. Current Neurology and Neuroscience Reports, 2020, 20, 34.	2.0	17
281	Predictors of Adverse Radiation Effect in Brain Metastasis Patients Treated With Stereotactic Radiosurgery and Immune Checkpoint Inhibitor Therapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, 295-303.	0.4	20
282	Squamous cell carcinoma (SCC) of the Pyriform sinus with multiple metachronous brain metastases, a case report. Radiation Oncology, 2020, 15, 18.	1.2	0
283	Management of brain metastases in breast cancer: a review of current practices and emerging treatments. Breast Cancer Research and Treatment, 2020, 180, 279-300.	1.1	52
284	Classifying Leptomeningeal Disease: AnÂEssential Element in Managing Advanced Metastatic Disease in the Central Nervous System. International Journal of Radiation Oncology Biology Physics, 2020, 106, 587-588.	0.4	6
285	Rectification of radiotherapy-induced cognitive impairments in aged mice by reconstituted Sca-1+ stem cells from young donors. Journal of Neuroinflammation, 2020, 17, 51.	3.1	11
286	Neurological outcome and memory performance in patients with 10 or more brain metastases treated with frameless linear accelerator (LINAC)-based stereotactic radiosurgery. Journal of Neuro-Oncology, 2020, 148, 47-55.	1.4	26
287	Consensus recommendations for a standardized brain tumor imaging protocol for clinical trials in brain metastases. Neuro-Oncology, 2020, 22, 757-772.	0.6	131

#	Article	IF	Citations
288	Current approaches to the management of brain metastases. Nature Reviews Clinical Oncology, 2020, 17, 279-299.	12.5	276
289	Whole Brain Radiotherapy Versus Stereotactic Radiosurgery in Poor-Prognosis Patients with One to 10 Brain Metastases: A Randomised Feasibility Study. Clinical Oncology, 2020, 32, 442-451.	0.6	9
290	Current multidisciplinary management of brain metastases. Cancer, 2020, 126, 1390-1406.	2.0	70
291	Breast brain metastases are associated with increased risk of leptomeningeal disease after stereotactic radiosurgery: a systematic review and meta-analysis. Clinical and Experimental Metastasis, 2020, 37, 341-352.	1.7	15
292	Outcomes of whole-brain radiation with simultaneous in-field boost (SIB) for the treatment of brain metastases. Journal of Neuro-Oncology, 2020, 147, 117-123.	1.4	7
293	Intracranial Stereotactic Radiation Therapy With a Jawless Ring Gantry Linear Accelerator Equipped With New Dual Layer Multileaf Collimator. Advances in Radiation Oncology, 2020, 5, 482-489.	0.6	13
294	Current Treatment of Melanoma Brain Metastasis. Current Treatment Options in Oncology, 2020, 21, 45.	1.3	23
295	A matched-pair analysis comparing stereotactic radiosurgery with whole-brain radiotherapy for patients with multiple brain metastases. Journal of Neuro-Oncology, 2020, 147, 607-618.	1.4	9
296	Surgical bed stereotactic radiotherapy of brain metastases: Clinical outcome and predictors of local and distant brain failure. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2020, 24, 298-305.	0.6	2
297	Changing Therapeutic Landscape for Melanoma With Multiple Brain Metastases. Neurosurgery, 2020, 87, 498-515.	0.6	3
298	The Role of Stereotactic Radiosurgery in the Management of Brain Metastases From a Health-Economic Perspective: A Systematic Review. Neurosurgery, 2020, 87, 484-497.	0.6	9
299	Brain metastases resection cavity radioâ€"surgery based on T2-weighted MRI: technique assessment. Journal of Neuro-Oncology, 2020, 148, 89-95.	1.4	8
300	Brain metastases from germ cell tumor: time to reconsider radiotherapy?. Critical Reviews in Oncology/Hematology, 2020, 150, 102946.	2.0	2
301	Post-operative radiation therapy to the surgical cavity with standard fractionation in patients with brain metastases. Scientific Reports, 2020, 10, 6331.	1.6	11
302	Linear accelerator-based radiosurgery is associated with lower incidence of radionecrosis compared with gamma knife for treatment of multiple brain metastases. Radiotherapy and Oncology, 2020, 147, 136-143.	0.3	29
303	Integration of immuno-oncology with stereotactic radiosurgery in the management of brain metastases. Journal of Neuro-Oncology, 2021, 151, 75-84.	1.4	19
304	Long-term Survival with 18-Fluorodeoxyglucose Positron Emission Tomography-directed Therapy in Non-small Cell Lung Cancer with Synchronous Solitary Brain Metastasis. Clinical Oncology, 2021, 33, 163-171.	0.6	2
305	High-pressure homogenization and tailoring of size-tunable Ganoderma lucidum spore oil nanosystem for enhanced anticancer therapy. Chemical Engineering Journal, 2021, 406, 127125.	6.6	10

#	Article	IF	Citations
306	Brain Metastases: A Modern Multidisciplinary Approach. Canadian Journal of Neurological Sciences, 2021, 48, 189-197.	0.3	8
307	Population-based estimates of survival among elderly patients with brain metastases. Neuro-Oncology, 2021, 23, 661-676.	0.6	25
308	Performance assessment of two motion management systems for frameless stereotactic radiosurgery. Strahlentherapie Und Onkologie, 2021, 197, 150-157.	1.0	6
309	Management of melanoma brain metastases: Evidence-based clinical practice guidelines by Cancer Council Australia. European Journal of Cancer, 2021, 142, 10-17.	1.3	16
310	Role of radiotherapy in the management of brain metastases of NSCLC â€“ Decision criteria in clinical routine. Radiotherapy and Oncology, 2021, 154, 269-273.	0.3	11
311	Treatment strategies for breast cancer brain metastases. British Journal of Cancer, 2021, 124, 142-155.	2.9	117
312	Analysis of Patient-Reported Outcome Utilization Within National Clinical Trials Network Cooperative Group Radiation Oncology Trials Over the Past 2 Decades. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1151-1160.	0.4	7
313	Dosimetric predictors of symptomatic radiation necrosis after five-fraction radiosurgery for brain metastases. Radiotherapy and Oncology, 2021, 156, 181-187.	0.3	13
314	Combined Immunotherapy and Stereotactic Radiotherapy Improves Neurologic Outcomes in Patients with Nonâ€“small-cell Lung Cancer Brain Metastases. Clinical Lung Cancer, 2021, 22, 110-119.	1.1	27
315	Late effects of cancer treatment: consequences for long-term brain cancer survivors. Neuro-Oncology Practice, 2021, 8, 18-30.	1.0	12
316	â€œA prospective study of assessment of neurocognitive function in illiterate patients with gliomas treated with chemoradiationâ€• Cancer Treatment and Research Communications, 2021, 26, 100288.	0.7	4
317	Outcome comparison of patients who develop leptomeningeal disease or distant brain recurrence after brain metastases resection cavity radiosurgery. Neuro-Oncology Advances, 2021, 3, vdab036.	0.4	4
318	Proton and Heavy Particle Intracranial Radiosurgery. Biomedicines, 2021, 9, 31.	1.4	13
319	Recent Advancements in the Treatment of Brain Metastasis. Japanese Journal of Neurosurgery, 2021, 30, 365-373.	0.0	0
320	Metastatic Disease and the Nervous System. , 2021, , 475-498.		1
321	Feasibility of hippocampal avoidance whole brain radiation in patients with hippocampal involvement: Data from a prospective study. Medical Dosimetry, 2021, 46, 21-28.	0.4	4
322	Comment on Clinical Trial NCT00950001 and NCCTG/N107C/CEC.3: Are We Treating Cancer or Water?. International Journal of Medical Physics, Clinical Engineering and Radiation Oncology, 2021, 10, 12-15.	0.3	0
323	Clinicopathologic and Treatment Features of Long-Term Surviving Brain Metastasis Patients. Current Oncology, 2021, 28, 549-559.	0.9	10

#	Article	IF	Citations
324	Brain Metastases: Intact and Postoperative Radiotherapy and Radiosurgery. Practical Guides in Radiation Oncology, 2021, , 147-153.	0.0	0
325	Stereotactic Radiosurgery to Prevent Local Recurrence of Brain Metastasis After Surgery: Neoadjuvant Versus Adjuvant. Acta Neurochirurgica Supplementum, 2021, 128, 85-100.	0.5	4
326	Treatment Options for Leptomeningeal Metastases of Solid Cancers: Literature Review and Personal Experience. Acta Neurochirurgica Supplementum, 2021, 128, 71-84.	0.5	2
327	Early Magnetic Resonance Imaging After Gamma Knife Radiosurgery of Brain Metastases. World Neurosurgery, 2021, 146, e1177-e1181.	0.7	2
328	Case Report: Frontoparietal Metastasis From a Primary Fallopian Tube Carcinoma. Frontiers in Surgery, 2021, 8, 594570.	0.6	1
329	Updates on Surgical Management and Advances for Brain Tumors. Current Oncology Reports, 2021, 23, 35.	1.8	12
330	Melanoma brain metastasis presentation, treatment, and outcomes in the age of targeted and immunotherapies. Cancer, 2021, 127, 2062-2073.	2.0	40
332	Innovative Therapeutic Strategies for Primary CNS Lymphoma. Current Treatment Options in Neurology, 2021, 23, 1.	0.7	1
333	Outcomes of changing systemic therapy in patients with relapsed breast cancer and 1 to 3 brain metastases. Npj Breast Cancer, 2021, 7, 28.	2.3	2
334	Cerebral metastasis of Merkel cell carcinoma following resection with negative margins and adjuvant external beam radiation: a case report. Journal of Medical Case Reports, 2021, 15, 118.	0.4	3
335	Survival and effective prognostic factors in lung cancer patients with brain metastases treated with whole brain radiotherapy. Radiation Medicine and Protection, 2021, 2, 5-12.	0.4	1
336	The Management of Brain Metastasesâ€"Systematic Review of Neurosurgical Aspects. Cancers, 2021, 13, 1616.	1.7	21
338	Is function-based resection using intraoperative awake brain mapping feasible and safe for solitary brain metastases within eloquent areas?. Neurosurgical Review, 2021, 44, 3399-3410.	1.2	3
339	SEOM clinical guideline for the management of cutaneous melanoma (2020). Clinical and Translational Oncology, 2021, 23, 948-960.	1.2	22
340	Outcomes following stereotactic radiosurgery or whole brain radiation therapy by molecular subtype of metastatic breast cancer. Reports of Practical Oncology and Radiotherapy, 2021, 26, 341-351.	0.3	4
341	Melanoma Brain Metastases in the Era of Targeted Therapy and Checkpoint Inhibitor Therapy. Cancers, 2021, 13, 1489.	1.7	7
342	Breast Cancer Brain Metastasisâ€"Overview of Disease State, Treatment Options and Future Perspectives. Cancers, 2021, 13, 1078.	1.7	41
343	Simultaneous stereotactic radiosurgery of multiple brain metastases using single-isocenter dynamic conformal arc therapy: aÂprospective monocentric registry trial. Strahlentherapie Und Onkologie, 2021, 197, 601-613.	1.0	11

#	Article	IF	Citations
344	Epidemiology of brain metastases and leptomeningeal disease. Neuro-Oncology, 2021, 23, 1447-1456.	0.6	123
345	Brain metastases: An update on the multi-disciplinary approach of clinical management. Neurochirurgie, 2022, 68, 69-85.	0.6	16
346	Application of a multi-institutional nomogram predicting salvage whole brain radiation-free survival to patients treated with postoperative stereotactic radiotherapy for brain metastases. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2021, 25, 141-146.	0.6	0
347	Current status and recent advances in resection cavity irradiation of brain metastases. Radiation Oncology, 2021, 16, 73.	1.2	27
348	Hippocampal avoidance in prophylactic cranial irradiation for small cell lung cancer: benefits and pitfalls. Journal of Thoracic Disease, 2021, 13, 3235-3245.	0.6	1
349	Management of brain metastases in elderly patients with lung cancer. Journal of Thoracic Disease, 2021, 13, 3295-3307.	0.6	1
350	Overall survival after initial radiotherapy for brain metastases; a population based study of 2140 patients with non-small cell lung cancer. Acta OncolÃ³gica, 2021, 60, 1054-1060.	0.8	6
351	Treatment of brain metastases from lung cancer: challenging the historical nihilism concerning prognosis. Journal of Thoracic Disease, 2021, 13, 3226-3229.	0.6	2
352	Time to administration of stereotactic radiosurgery to the cavity after surgery for brain metastases: a real-world analysis. Journal of Neurosurgery, 2021, 135, 1695-1705.	0.9	14
353	Narrative review of immune checkpoint inhibitors and radiation therapy for brain metastases. Translational Cancer Research, 2021, 10, 2527-2536.	0.4	1
354	WBRT for brain metastases from non-small cell lung cancer: for whom and when?â€"Contemporary point of view. Journal of Thoracic Disease, 2021, 13, 3246-3257.	0.6	7
355	Stereotactic Radiosurgery for Differentiated Thyroid Cancer Brain Metastases: An International, Multicenter Study. Thyroid, 2021, 31, 1244-1252.	2.4	11
356	A matched-pair analysis of clinical outcomes after intracavitary cesium-131 brachytherapy versus stereotactic radiosurgery for resected brain metastases. Journal of Neurosurgery, 2021, 134, 1447-1454.	0.9	16
357	Current treatment options for HER2-positive breast cancer patients with brain metastases. Critical Reviews in Oncology/Hematology, 2021, 161, 103329.	2.0	14
358	Effective Control of Brain Metastases Irrespective of Distance from Isocenter in Single-isocenter Multitarget Stereotactic Radiosurgery. Anticancer Research, 2021, 41, 2575-2581.	0.5	4
359	Radiotherapy for brain metastases from small-cell lung cancer in distinct clinical indications and scenarios. Journal of Thoracic Disease, 2021, 13, 3269-3278.	0.6	4
360	Surgery for brain metastases â€“ real-world prognostic factorsâ€™ association with survival. Acta OncolÃ³gica, 2021, 60, 1161-1168.	0.8	9
361	Organ tropism in solid tumor metastasis: an updated review. Future Oncology, 2021, 17, 1943-1961.	1.1	41

#	Article	IF	Citations
362	The effect of low-dose radiation spillage during stereotactic radiosurgery for brain metastases on the development of de novo metastases. Clinical and Translational Radiation Oncology, 2021, 28, 79-84.	0.9	2
363	Local ablative therapy of brain metastasis from non-small cell lung cancer: benefits and limitations. Journal of Thoracic Disease, 2021, 13, 3289-3294.	0.6	0
364	Supportive care for patients with brain metastases from lung cancer. Journal of Thoracic Disease, 2021, 13, 3258-3268.	0.6	1
365	Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2021, 110, 53-67.	0.4	62
366	Timing of Adjuvant Fractionated Stereotactic Radiosurgery Affects Local Control of Resected Brain Metastases. Practical Radiation Oncology, 2021, 11, e267-e275.	1.1	15
367	Volumetric modulated arc radiosurgery for brain metastases from breast cancer: A single-center study. Colombia Medica, 2021, 52, e2004567.	0.7	4
368	Reâ€thinking therapeutic development for CNS metastatic disease. Experimental Dermatology, 2021, , .	1.4	1
369	Effect of timing, technique and molecular features on brain control with local therapies in oncogene-driven lung cancer. ESMO Open, 2021, 6, 100161.	2.0	9
370	Microstructural Injury to Corpus Callosum and Intrahemispheric White Matter Tracts Correlate With Attention and Processing Speed Decline After Brain Radiation. International Journal of Radiation Oncology Biology Physics, 2021, 110, 337-347.	0.4	27
371	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
372	Resection of isolated brain metastases in non-small cell lung cancer (NSCLC) patients â€“ evaluation of outcome and prognostic factors: A retrospective multicenter study. PLoS ONE, 2021, 16, e0253601.	1.1	13
373	Current approaches to the treatment of HER2â€positive breast cancer with brain metastases. Opuholi Zenskoj Reproduktivnoj Sistemy, 2021, 17, 27-34.	0.1	2
374	LONG-LASTING CONTROL OF HER-2 POSITIVE DISSEMINATED BREAST CANCER IN A REPRODUCTIVE AGED PATIENT. Siberian Journal of Oncology, 2021, 20, 158-164.	0.1	0
375	Peri-radiosurgical administration of bevacizumab improves radiographic response to single and fractionated stereotactic radiosurgery for large brain metastasis. Journal of Neuro-Oncology, 2021, 153, 455-465.	1.4	1
376	Neurosurgical resection for locally recurrent brain metastasis. Neuro-Oncology, 2021, 23, 2085-2094.	0.6	7
378	Multidisciplinary Management of Brain Metastases from Non-Small Cell Lung Cancer in the Era of Immunotherapy. Current Treatment Options in Oncology, 2021, 22, 77.	1.3	6
379	Preoperative stereotactic radiosurgery for brain metastases: the STEP study protocol for a multicentre, prospective, phase-II trial. BMC Cancer, 2021, 21, 864.	1.1	6
380	Integration of Systemic Therapy and Stereotactic Radiosurgery for Brain Metastases. Cancers, 2021, 13, 3682.	1.7	14

#	Article	IF	Citations
381	A radiomics-based model for predicting local control of resected brain metastases receiving adjuvant SRS. Clinical and Translational Radiation Oncology, 2021, 29, 27-32.	0.9	9
382	In regard to Minniti et al.: Current status and recent advances in resection cavity irradiation of brain metastasesâ€"roundup to cover all angles. Radiation Oncology, 2021, 16, 127.	1.2	0
383	Spatially Fractionated X-Ray Microbeams Elicit a More Sustained Immune and Inflammatory Response in the Brainstem than Homogenous Irradiation. Radiation Research, 2021, 196, 355-365.	0.7	2
384	Trends in physician reimbursements and procedural volumes for radiosurgery versus open surgery in brain tumor care: an analysis of Medicare data from 2009 to 2018. Journal of Neurosurgery, 2022, 136, 97-108.	0.9	1
385	Malignant melanoma: evolving practice management in an era of increasingly effective systemic therapies. Current Problems in Surgery, 2022, 59, 101030.	0.6	4
386	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
387	EANOâ€"ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up of patients with brain metastasis from solid tumours. Annals of Oncology, 2021, 32, 1332-1347.	0.6	227
388	Is Molecular Tailored-Therapy Changing the Paradigm for CNS Metastases in Breast Cancer?. Clinical Drug Investigation, 2021, 41, 757-773.	1.1	1
389	Introduction to novel developments in radio-imaging and radiotherapy. Clinical and Experimental Metastasis, 2022, 39, 219-224.	1.7	2
390	Intraoperative radiotherapy with low-energy x-rays after neurosurgical resection of brain metastasesâ€"an Augsburg University Medical Center experience. Strahlentherapie Und Onkologie, 2021, 197, 1124-1130.	1.0	19
391	Brain Tumor Causes, Symptoms, Diagnosis and Radiotherapy Treatment. Current Medical Imaging, 2021, 17, 931-942.	0.4	3
392	STK3-ALK, a Novel ALK Rearrangement in Non-Small Cell Lung Cancer With Sensitivity to Tyrosine Kinase Inhibitors: A Case Report. Frontiers in Oncology, 2021, 11, 700341.	1.3	1
393	Treatment Strategies for Oligometastatic Breast Cancer. Current Treatment Options in Oncology, 2021, 22, 94.	1.3	12
394	Radiation Therapy for Brain Metastases: A Systematic Review. Practical Radiation Oncology, 2021, 11, 354-365.	1.1	18
395	Whole-Brain Radiotherapy vs. Localized Radiotherapy after Resection of Brain Metastases in the Era of Targeted Therapy: A Retrospective Study. Cancers, 2021, 13, 4711.	1.7	3
396	Radionecrosis and Complete Response After Multiple Reirradiations to Recurrent Brain Metastases From Lung Cancer Over 10 Years: Is There a Limit?. Advances in Radiation Oncology, 2021, 6, 100733.	0.6	1
397	Factors associated with cognitive impairment and cognitive concerns in patients with metastatic non-small cell lung cancer. Neuro-Oncology Practice, 2022, 9, 50-58.	1.0	4
398	Recent advances in immunotherapy, immunoadjuvant, and nanomaterial-based combination immunotherapy. Coordination Chemistry Reviews, 2021, 442, 214009.	9.5	29

#	Article	IF	Citations
399	Efficacy and Safety of a Second Course of Stereotactic Radiation Therapy for Locally Recurrent Brain Metastases: A Systematic Review. Cancers, 2021, 13, 4929.	1.7	4
400	Medical and Neurological Management of Brain Tumor Complications. Current Neurology and Neuroscience Reports, 2021, 21, 53.	2.0	5
401	Stereotactic radiosurgery for brain metastases from small cell lung cancer without prior whole-brain radiotherapy: A meta-analysis. Radiotherapy and Oncology, 2021, 162, 45-51.	0.3	15
402	Clinical outcomes for pediatric patients receiving radiotherapy for solid tumor central nervous system metastases. Pediatric Blood and Cancer, 2021, 68, e29331.	0.8	1
403	Five fraction stereotactic radiotherapy after brain metastasectomy: a single-institution experience and literature review. Journal of Neuro-Oncology, 2021, 155, 35-43.	1.4	7
404	Robotic-Assisted Digital Exoscope for Resection of Cerebral Metastases: A Case Series. Operative Neurosurgery, 2021, 21, 436-444.	0.4	7
405	A common goal to CARE: Cancer Advocates, Researchers, and Clinicians Explore current treatments and clinical trials for breast cancer brain metastases. Npj Breast Cancer, 2021, 7, 121.	2.3	6
406	Nivolumab and Stereotactic Radiosurgery for Patients with Breast Cancer Brain Metastases: A Non-Randomized, Open-Label Phase Ib Study. Advances in Radiation Oncology, 2021, 6, 100798.	0.6	5
407	The Impact of Stereotactic or Whole Brain Radiotherapy on Neurocognitive Functioning in Adult Patients with Brain Metastases: A Systematic Review and Meta-Analysis. Oncology Research and Treatment, 2021, 44, 622-636.	0.8	14
408	Intracranial Treatment in Melanoma Patients with Brain Metastasis Is Associated with Improved Survival in the Era of Immunotherapy and Anti-BRAF Therapy. Cancers, 2021, 13, 4493.	1.7	2
409	Stereotactic Radiosurgery for Postoperative Metastatic Surgical Cavities: A Critical Review and International Stereotactic Radiosurgery Society (ISRS) Practice Guidelines. International Journal of Radiation Oncology Biology Physics, 2021, 111, 68-80.	0.4	38
410	Dedicated holmium microsphere administration device for MRI-guided interstitial brain microbrachytherapy. Medical Engineering and Physics, 2021, 96, 13-21.	0.8	1
411	Research Progress and Challenges in the Treatment of Central Nervous System Metastasis of Non-Small Cell Lung Cancer. Cells, 2021, 10, 2620.	1.8	10
412	Outcomes in Patients With 4 to 10 Brain Metastases Treated With Dose-Adapted Single-Isocenter Multitarget Stereotactic Radiosurgery: A Prospective Study. Advances in Radiation Oncology, 2021, 6, 100760.	0.6	11
413	Preoperative Radiosurgery for Resected Brain Metastases: The PROPS-BM Multicenter Cohort Study. International Journal of Radiation Oncology Biology Physics, 2021, 111, 764-772.	0.4	38
414	Management of Brain Metastasis in Non-Small Cell Lung Cancer (NSCLC). , 2022, , 825-843.		0
416	Narrative review of neurocognitive and quality of life tools used in brain metastases trials. Annals of Palliative Medicine, 2021, 10, 923-935.	0.5	1
418	Safety and efficacy of upfront stereotactic radiosurgery for brain metastases with high cumulative intracranial tumor volume (>â€‰7Âml): analysis of 233 consecutive patients. Acta Neurochirurgica, 2021, 163, 991-1001.	0.9	0

#	Article	IF	Citations
419	Brain Metastases from Uterine Cervical and Endometrial Cancer. Cancers, 2021, 13, 519.	1.7	13
420	Invasive growth associated with cold-inducible RNA-binding protein expression drives recurrence of surgically resected brain metastases. Neuro-Oncology, 2021, 23, 1470-1480.	0.6	18
421	Surgery in Brain Metastasis Management: Therapeutic, Diagnostic, and Strategic Considerations. , 2020, , 183-190.		2
422	Neurosurgical Management of Single Brain Metastases. , 2018, , 431-447.		1
423	Hypofractionated adjuvant surgical cavity radiotherapy following resection of limited brain metastasis. Journal of Clinical Neuroscience, 2020, 82, 155-161.	0.8	4
424	Feature-based PET/MRI radiomics in patients with brain tumors. Neuro-Oncology Advances, 2020, 2, iv15-iv21.	0.4	13
425	Recent advances in managing brain metastasis. F1000Research, 2018, 7, 1772.	0.8	63
426	Efficacy and safety of therapies for EGFR-mutant non-small cell lung cancer with brain metastasis: an evidence-based Bayesian network pooled study of multivariable survival analyses. Aging, 2020, 12, 14244-14270.	1.4	23
427	Retrospective analysis of hypofractionated stereotactic radiotherapy for tumors larger than 2 cm. Nagoya Journal of Medical Science, 2019, 81, 397-406.	0.6	3
428	Radiotherapy in combination with systemic therapies for brain metastases: current status and progress. Cancer Biology and Medicine, 2020, 17, 910-922.	1.4	4
429	MRI-based radiosurgical planning: implications in imaging timing. Annals of Translational Medicine, 2019, 7, S188-S188.	0.7	4
430	Multidisciplinary team care in advanced lung cancer. Translational Lung Cancer Research, 2020, 9, 1690-1698.	1.3	20
431	Laser interstitial thermal therapy as an adjunct therapy in brain tumors: A meta-analysis and comparison with stereotactic radiotherapy. , 2020, 11, 360.		6
432	Preoperative stereotactic radiosurgery before planned resection of brain metastases: updated analysis of efficacy and toxicity of a novel treatment paradigm. Journal of Neurosurgery, 2019, 131, 1387-1394.	0.9	40
433	Outcome evaluation of patients treated with fractionated Gamma Knife radiosurgery for large (> 3) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	16
434	The Judicious Use of Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy in the Management of Large Brain Metastases. Cancers, 2021, 13, 70.	1.7	12
435	Evaluation of response to stereotactic radiosurgery in patients with radioresistant brain metastases. Radiation Oncology Journal, 2019, 37, 265-270.	0.7	12
436	Fractionated stereotactic radiosurgery for locally recurrent brain metastases after failed stereotactic radiosurgery. Indian Journal of Cancer, 2019, 56, 151.	0.2	29

#	Article	IF	Citations
437	Outcome of Omani Women with Breast Cancer-associated Brain Metastases Experience from a University Hospital. Oman Medical Journal, 2019, 34, 412-419.	0.3	5
438	Central Nervous System Cancers, Version 3.2020, NCCN Clinical Practice Guidelines in Oncology. Journal of the National Comprehensive Cancer Network: JNCCN, 2020, 18, 1537-1570.	2.3	253
439	Excellent Outcomes in a Geriatric Patient with Multiple Brain Metastases Undergoing Surgical Resection with Cesium-131 Implantation and Stereotactic Radiosurgery. Cureus, 2017, 9, e1970.	0.2	2
440	Stereotactic Radiosurgery for Carcinoid Brain Metastasis: A Case Report. Cureus, 2019, 11, e5509.	0.2	3
441	Brain metastases: increasingly precision medicineâ€”a narrative review. Annals of Translational Medicine, 2021, 9, 1629-1629.	0.7	10
442	The Sequence of Intracranial Radiotherapy and Systemic Treatment With Tyrosine Kinase Inhibitors for Gene-Driven Non-Small Cell Lung Cancer Brain Metastases in the Targeted Treatment Era: A 10-Year Single-Center Experience. Frontiers in Oncology, 2021, 11, 732883.	1.3	3
443	Upfront Brain Treatments Followed by Lung Surgery Improves Survival for Stage IV Non-small Cell Lung Cancer Patients With Brain Metastases: A Large Cohort Analysis. Frontiers in Surgery, 2021, 8, 649531.	0.6	2
444	Case Report: Disruption of Resting-State Networks and Cognitive Deficits After Whole Brain Irradiation for Singular Brain Metastasis. Frontiers in Neuroscience, 2021, 15, 738708.	1.4	3
445	Central Nervous System Metastases. Hematology/Oncology Clinics of North America, 2022, 36, 161-188.	0.9	10
446	Outcomes Following Hypofractionated Stereotactic Radiotherapy to the Cavity After Surgery for Melanoma Brain Metastases. Clinical Oncology, 2022, 34, 179-186.	0.6	4
447	Update on Radiation Therapy for Central Nervous System Tumors. Hematology/Oncology Clinics of North America, 2022, 36, 77-93.	0.9	5
448	Salvage resection of recurrent previously irradiated brain metastases: tumor control and radiation necrosis dependency on adjuvant re-irradiation. Journal of Neuro-Oncology, 2021, 155, 277-286.	1.4	16
449	Partial-Brain Radiation-Induced Microvascular Cognitive Impairment in Juvenile Murine Unilateral Hippocampal Synaptic Plasticity. International Journal of Radiation Oncology Biology Physics, 2022, 112, 747-758.	0.4	2
450	Scalp Seeding Post Craniotomy and Radiosurgery for Solitary Brain Metastasis: A Case Report and Systematic Review. Cureus, 2017, 9, e1083.	0.2	0
451	Role of Stereotactic Radiosurgery in the Management of Multiple Metastases in the Region of the Motor Cortex: Long-term Survival in Three Cases. Cureus, 2017, 9, e1946.	0.2	0
452	Is â€œwatch and waitâ€•a viable option for surgically resected brain metastases?. Therapeutic Radiology and Oncology, 0, 2, 43-43.	0.2	0
453	Postoperative Treatment for Brain Metastasis. , 2018, , 471-484.		0
454	Secondary Malignant (Metastases). , 2018, , 127-140.		0

#	Article	IF	Citations
455	Malignant Brain Tumors. , 2019, , 117-133.		2
456	Stereotactic Radiosurgery for Brain Metastases. , 2019, , 105-111.		0
457	Radiotherapy for Distant Metastases. , 2019, , 1-19.		0
458	Radiation Therapy in Non-small-Cell Lung Cancer. , 2019, , 1-55.		0
459	Neurological Metastases. , 2019, , 555-577.		0
460	Rationale for Fractionated SRS and Single SRS Session Approaches. , 2019, , 31-40.		0
461	Diagnosis, surgery and systemic treatment of brain metastases. Onkologie (Czech Republic), 2019, 13, 123-128.	0.0	0
462	Current approaches to the radiotherapy of brain metastases from solid tumors. Onkologie (Czech) Tj ETQq1 1 0.784314 rgBT /Overlo	0.0	1
463	Radiation Therapy Complications Leading to Critical Illness. , 2020, , 1547-1554.		0
465	Epidemiology of Central Nervous System Metastases. , 2020, , 3-14.		1
466	Stereotactic Radiosurgery for Brain Metastases. , 2020, , 199-238.		0
467	Combinatorial Anatomic and Functional Neural Tract Mapping for Stereotactic Radiosurgery Planning. Cureus, 2019, 11, e6161.	0.2	1
468	Neurocognitive Toxicity from Radiation Therapy for Brain Metastases. , 2020, , 315-328.		0
469	Clinical Trials: Endpoints and Outcome Assessment. , 2020, , 407-421.		0
470	Neurocognitive Effects of Brain Metastases and Their Treatment. , 2020, , 407-425.		0
471	Role of Whole-Brain Radiotherapy. , 2020, , 281-298.		0
472	Target Delineation for Radiosurgery (Including Postoperative Cavity Radiosurgery) in Brain Metastases. , 2020, , 143-164.		0
473	Intraoperative Brachytherapy for Resected Brain Metastases. , 2020, , 441-456.		0

#	Article	IF	Citations
475	Brainstem Tumors. , 2020, , 399-410.		0
476	Metastatische Tumoren des zentralen Nervensystems. Springer Reference Medizin, 2020, , 1-7.	0.0	1
477	Stereotactic radiosurgery in the treatment of adults with metastatic brain tumors. Journal of Neurosurgical Sciences, 2020, 64, 272-286.	0.3	1
478	Radiographic Trends for Infield Recurrence After Radiosurgery for Cerebral Metastases. Cureus, 2020, 12, e8680.	0.2	0
479	Effects of Multileaf Collimator Design and Function When Using an Optimized Dynamic Conformal Arc Approach for Stereotactic Radiosurgery Treatment of Multiple Brain Metastases With a Single Isocenter: A Planning Study. Cureus, 2020, 12, e9833.	0.2	4
481	Stereotactic Radiosurgery for Metastatic Brain Tumor. The Ewha Medical Journal, 2021, 44, 103-110.	0.1	2
482	Modern Radiation Therapy for the Management of Brain Metastases From Non-Small Cell Lung Cancer: Current Approaches and Future Directions. Frontiers in Oncology, 2021, 11, 772789.	1.3	25
483	Techniques of Whole Brain Radiation Therapy Including Hippocampal Avoidance. , 2020, , 347-367.		0
484	Brain Metastases Surgical Management: Diagnostic, Therapeutic and Strategic Considerations. , 2020, , 201-211.		0
485	Metastasis to the Central Nervous System. CONTINUUM Lifelong Learning in Neurology, 2020, 26, 1584-1601.	0.4	1
486	Radiosurgery for Brain Tumors. , 2021, , 335-355.		1
487	Stereotactic Radiosurgery: Indications and Outcomes in Central Nervous System and Skull Base Metastases. , 2020, , 315-328.		0
488	Hypofractionated Stereotactic Radiosurgery (HF-SRS) in the Treatment of Brain Metastases. , 2020, , 329-341.		0
489	Hypofractionated Stereotactic Radiosurgery for Intact and Resected Brain Metastases. , 2020, , 127-141.		0
490	Indications for Whole-Brain Radiation Therapy. , 2020, , 165-184.		1
491	Radiotherapy for Distant Melanoma Metastases. , 2020, , 1403-1420.		0
492	Applications of Stereotactic Radiosurgery for Brain Metastases. , 2020, , 379-391.		0
493	Effect of Stereotactic Radiotherapy on Short-Term Neurocognitive Function and Quality of Life in Patients with Brain Metastases. Advances in Clinical Medicine, 2020, 10, 2547-2554.	0.0	0

#	Article	IF	Citations
494	The Role of Surgery in the Management of Brain Metastases. , 2020, , 429-440.		0
495	The Evolution of Combination Therapies Involving Surgery and Radiosurgery. , 2020, , 65-83.		0
496	Metastatische Tumoren des zentralen Nervensystems. Springer Reference Medizin, 2020, , 1037-1043.	0.0	0
497	Resection of symptomatic nonâ€“small cell lung cancer brain metastasis in the setting of multiple brain metastases. Journal of Neurosurgery, 2022, 136, 1576-1582.	0.9	7
498	Impact of Immunotherapy on the Survival of Patients With Cancer and Brain Metastases. Journal of the National Comprehensive Cancer Network: JNCCN, 2020, 18, 832-840.	2.3	2
499	Resection and Surgically Targeted Radiation Therapy for the Treatment of Larger Recurrent or Newly Diagnosed Brain Metastasis: Results From a Prospective Trial. Cureus, 2020, 12, e11570.	0.2	14
500	Level I Evidence Should not be Equated to Standard of Care for Brain Metastases. Canadian Journal of Neurological Sciences, 2021, 48, 155-156.	0.3	0
501	A Review of the Neurosurgical Management of Brain Metastases During Pregnancy. Canadian Journal of Neurological Sciences, 2021, 48, 698-707.	0.3	4
502	Pre-operative versus post-operative radiosurgery for brain metastasis: Effects on treatment volume and inter-observer variability. Journal of Radiosurgery and SBRT, 2018, 5, 89-97.	0.2	3
503	Predicting intracranial progression following stereotactic radiosurgery for brain metastases: Implications for post SRS imaging. Journal of Radiosurgery and SBRT, 2019, 6, 179-187.	0.2	1
504	Linear accelerator-based single-fraction stereotactic radiosurgery versus hypofractionated stereotactic radiotherapy for intact and resected brain metastases up to 3Âcm: A multi-institutional retrospective analysis. Journal of Radiosurgery and SBRT, 2021, 7, 179-187.	0.2	0
505	Colorectal Cancer: Management of Distant Metastases. , 2022, , 547-559.		0
506	Stereotactic radiosurgery for brain metastases from pelvic gynecological malignancies: oncologic outcomes, validation of prognostic scores, and dosimetric evaluation. International Journal of Gynecological Cancer, 2022, 32, 172-180.	1.2	2
507	Advances in the management of breast cancer brain metastases. Neuro-Oncology Advances, 2021, 3, v63-v74.	0.4	10
508	Advances in radiotherapy for brain metastases. Neuro-Oncology Advances, 2021, 3, v26-v34.	0.4	4
509	Management of brain metastases in lung cancer: evolving roles for radiation and systemic treatment in the era of targeted and immune therapies. Neuro-Oncology Advances, 2021, 3, v52-v62.	0.4	4
511	Treatment patterns, testing practices, and outcomes in the pre-FLAURA era for patients with EGFR mutation-positive advanced NSCLC: a retrospective chart review (REFLECT). Therapeutic Advances in Medical Oncology, 2021, 13, 175883592110598.	1.4	6
512	Managing Central Nervous System Spread of Lung Cancer: The State of the Art. Journal of Clinical Oncology, 2022, 40, 642-660.	0.8	23

#	Article	IF	Citations
513	Central Nervous System Metastases from Triple-Negative Breast Cancer: Current Treatments and Future Prospective. Breast Cancer: Targets and Therapy, 2022, Volume 14, 1-13.	1.0	9
514	Targeting brain metastases in breast cancer. Cancer Treatment Reviews, 2022, 103, 102324.	3.4	46
515	Postoperative stereotactic radiosurgery and hypofractionated radiotherapy for brain metastases using Gamma Knife and CyberKnife: a dual-center analysis. Journal of Neurosurgical Sciences, 2024, 68, .	0.3	1
516	Brain Toxicity. Medical Radiology, 2021, , 1.	0.0	0
517	Answering the Big Clinical Questions in Brain Metastasis Management. Frontiers in Oncology, 2021, 11, 834122.	1.3	0
519	Oncological Outcomes After Hippocampus-Sparing Whole-Brain Radiotherapy in Cancer Patients With Newly Diagnosed Brain Oligometastases: A Single-Arm Prospective Observational Cohort Study in Taiwan. Frontiers in Oncology, 2021, 11, 784635.	1.3	2
520	Preoperative Stereotactic Radiosurgery for Glioblastoma. Biology, 2022, 11, 194.	1.3	7
521	Radiation necrosis in renal cell carcinoma brain metastases treated with checkpoint inhibitors and radiosurgery: An international multicenter study. Cancer, 2022, 128, 1429-1438.	2.0	21
522	Resection with intraoperative cesium-131 brachytherapy as salvage therapy for recurrent brain tumors. Journal of Neurosurgery, 2022, 137, 924-930.	0.9	10
524	Overall survival benefit of osimertinib and clinical value of upfront cranial local therapy in untreated ‹scp›EGFR‹/scp›â€mutant nonsmall cell lung cancer with brain metastasis. International Journal of Cancer, 2022, 150, 1318-1328.	2.3	21
525	Inter-fraction dynamics during post-operative 5 fraction cavity hypofractionated stereotactic radiotherapy with a MR LINAC: a prospective serial imaging study. Journal of Neuro-Oncology, 2022, 156, 569-577.	1.4	12
526	Factors associated with progression and mortality among patients undergoing stereotactic radiosurgery for intracranial metastasis: results from a national real-world registry. Journal of Neurosurgery, 2022, 137, 985-998.	0.9	4
527	Deep-learning and radiomics ensemble classifier for false positive reduction in brain metastases segmentation. Physics in Medicine and Biology, 2022, 67, 025004.	1.6	8
528	Global management of brain metastasis from renal cell carcinoma. Critical Reviews in Oncology/Hematology, 2022, 171, 103600.	2.0	2
529	Recent Advances and Applications of Radiation Therapy for Brain Metastases. Current Oncology Reports, 2022, 24, 335-342.	1.8	8
530	Treatment for Brain Metastases: ASCO-SNO-ASTRO Guideline. Journal of Clinical Oncology, 2022, 40, 492-516.	0.8	261
531	Pretreatment patient-reported cognitive function in patients with diffuse glioma. Acta Neurochirurgica, 2022, 164, 703-711.	0.9	4
532	Radiation therapy for brain metastases. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2022, 26, 129-136.	0.6	6

#	Article	IF	Citations
533	Effect of molecular subtypes on radiotherapy response in patients with breast cancer brain metastasis. Marmara Medical Journal, 0, , .	0.2	0
534	Management of brain metastasis. Surgical resection versus stereotactic radiotherapy: a meta-analysis. Neuro-Oncology Advances, 2022, 4, vdac033.	0.4	4
535	Neurological complications of lung cancer. , 2022, , 243-276.		0
536	Neurological complications of breast cancer. , 2022, , 277-302.		0
537	Neurosurgical approaches to the treatment of intracranial metastases. , 2022, , 97-114.		0
538	Neurological complications of melanoma. , 2022, , 303-320.		0
539	Management Strategies for Large Brain Metastases. Frontiers in Oncology, 2022, 12, 827304.	1.3	3
540	Local control outcomes for combination of stereotactic radiosurgery and immunotherapy for non-small cell lung cancer brain metastases. Journal of Neuro-Oncology, 2022, 157, 101-107.	1.4	19
541	Do neurocognitive impairments explain the differences between brain tumor patients and their proxies when assessing the patientâ€™s IADL?. Neuro-Oncology Practice, 2022, 9, 271-283.	1.0	1
542	Survival Outcome of Surgical Resection vs. Radiotherapy in Brain Metastasis From Colorectal Cancer: A Meta-Analysis. Frontiers in Medicine, 2022, 9, 768896.	1.2	5
543	Surgery, Stereotactic Radiosurgery, and Systemic Therapy in the Management of Operable Brain Metastasis. Neurologic Clinics, 2022, 40, 421-436.	0.8	9
544	Evaluation of the impact of pre-operative stereotactic radiotherapy on the acute changes in histopathologic and immune marker profiles of brain metastases. Scientific Reports, 2022, 12, 4567.	1.6	8
545	Evolving management of HER2+ breast cancer brain metastases and leptomeningeal disease. Journal of Neuro-Oncology, 2022, 157, 249-269.	1.4	9
546	Radiotherapy for brain metastases from thyroid cancer: an institutional and national retrospective cohort study. Thyroid, 2022, , .	2.4	1
547	Real-world data on melanoma brain metastases and survival outcome. Melanoma Research, 2022, Publish Ahead of Print, .	0.6	4
548	End to end comparison of surfaceâ€guided imaging versus stereoscopic Xâ€rays for the SRS treatment of multiple metastases with a single isocenter using 3D anthropomorphic gel phantoms. Journal of Applied Clinical Medical Physics, 2022, 23, e13576.	0.8	11
549	Stereotactic radiotherapy for brain oligometastases. Reports of Practical Oncology and Radiotherapy, 2022, 27, 15-22.	0.3	1
550	Quantitative MR Perfusion for the Differentiation of Recurrence and Radionecrosis in Hypoperfusion and Hyperperfusion Brain Metastases After Gamma Knife Radiosurgery. Frontiers in Neurology, 2022, 13, 823731.	1.1	2

#	Article	IF	Citations
551	Safety and Efficacy of Sorafenib and Lenvatinib in Patients Who Underwent Surgery or Whole-Brain Radiotherapy for Brain Metastasis of Hepatocellular Carcinoma. Journal of Clinical Medicine, 2022, 11, 1536.	1.0	0
552	Clinical Outcomes and Prognostic Factors of Fractionated Stereotactic Radiosurgery for Brain Metastases â‰¥20 mm as a Potential Alternative to Surgery. World Neurosurgery, 2022, 162, e141-e146.	0.7	0
554	Incidence and Predictors of Neurologic Death in Patients with Brain Metastases. World Neurosurgery, 2022, 162, e401-e415.	0.7	2
555	Is there any survival benefit from post-operative radiation in brain metastases? A systematic review and meta-analysis of randomized controlled trials. Journal of Clinical Neuroscience, 2022, 99, 327-335.	0.8	2
556	Advances in the systemic treatment of brain metastases in malignant melanoma. Onkologie (Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.0	0
558	From Postoperative to Preoperative: A Case Series of Hypofractionated and Single-Fraction Neoadjuvant Stereotactic Radiosurgery for Brain Metastases. Operative Neurosurgery, 2022, 22, 208-214.	0.4	14
559	Staged radiosurgery alone versus postoperative cavity radiosurgery for patients with midsize-to-large brain metastases: a propensity score matching analysis. Journal of Neurosurgery, 2021, , 1-8.	0.9	0
560	Review of the diagnosis and treatment of brain metastases. Japanese Journal of Clinical Oncology, 2022, 52, 3-7.	0.6	4
561	Alectinib Together with Intracranial Therapies Improved Survival Outcomes in Untreated ALK-Positive Patients with Non-Small-Cell Lung Cancer and Symptomatic and Synchronic Brain Metastases: A Retrospective Study. OncoTargets and Therapy, 2021, Volume 14, 5533-5542.	1.0	1
562	Leptomeningeal disease and brain control after postoperative stereotactic radiosurgery with or without immunotherapy for resected brain metastases. , 2021, 9, e003730.		8
563	Multimodality durable salvage of recurrent brain metastases refractory to LITT, SRS and immunotherapy with resection and cesium-131 brachytherapy: case report and literature review. BMJ Case Reports, 2021, 14, e245369.	0.2	4
564	Commentary: From Postoperative to Preoperative: A Case Series of Hypofractionated and Single-Fraction Neoadjuvant Stereotactic Radiosurgery for Brain Metastases. Operative Neurosurgery, 2022, 22, e283-e284.	0.4	0
565	The current status and shortcomings of stereotactic radiosurgery. Neuro-Oncology Advances, 0, , .	0.4	0
566	Stratification of radiosensitive brain metastases based on an actionable S100A9/RAGE resistance mechanism. Nature Medicine, 2022, 28, 752-765.	15.2	30
571	Brain metastases: A Society for Neuro-Oncology (SNO) consensus review on current management and future directions. Neuro-Oncology, 2022, 24, 1613-1646.	0.6	39
572	Brain metastasis: Recent treatment modalities and futureâ€'perspectives (Review). Oncology Letters, 2022, 23, 191.	0.8	5
573	Factors correlating with survival following adjuvant or definitive radiosurgery for large brain metastases. Neuro-Oncology, 2022, 24, 1925-1934.	0.6	4
574	Osimertinib as induction therapy for oligometastatic non-small cell lung cancer with EGFR mutation: a case report. Translational Lung Cancer Research, 2022, 11, 686-696.	1.3	1

#	Article	IF	Citations
575	Brachytherapy for central nervous system tumors. Journal of Neuro-Oncology, 2022, 158, 393-403.	1.4	1
576	Radiation Therapy for Brain Metastases: An ASTRO Clinical Practice Guideline. Practical Radiation Oncology, 2022, 12, 265-282.	1.1	90
577	Radiosurgery for Five to Fifteen Brain Metastases: A Single Centre Experience and a Review of the Literature. Frontiers in Oncology, 2022, 12, .	1.3	1
578	The Impact of Postoperative Tumor Burden on Patients With Brain Metastases. Frontiers in Oncology, 2022, 12, .	1.3	8
579	Current Treatment Approaches and Global Consensus Guidelines for Brain Metastases in Melanoma. Frontiers in Oncology, 2022, 12, .	1.3	8
580	Long-term neurocognitive function after whole-brain radiotherapy in patients with melanoma brain metastases in the era of immunotherapy. Strahlentherapie Und Onkologie, 2022, 198, 884-891.	1.0	2
581	Prognostic and predictive markers of limited (1-4) brain metastases in patients with lung adenocarcinoma after stereotactic radiosurgery: A retrospective analysis. World Neurosurgery, 2022, , .	0.7	2
582	Distance to Isocenter Directly Affects Margin and Inappropriate Margin Increases the Risk of Local Control Failure in LINAC-Based Single-Isocenter SRS or SRT for Multiple Brain Metastases. International Journal of Medical Physics, Clinical Engineering and Radiation Oncology, 2022, 11, 113-123.	0.3	0
583	Stereotactic radiosurgery versus whole brain radiotherapy in patients with intracranial metastatic disease and small-cell lung cancer: a systematic review and meta-analysis. Lancet Oncology, The, 2022, 23, 931-939.	5.1	33
584	Impact of socio-economic factors on radiation treatment after resection of metastatic brain tumors: trends from a private insurance database. Journal of Neuro-Oncology, 2022, 158, 445-451.	1.4	4
585	Hippocampal avoidance prophylactic cranial irradiation (HA-PCI) for small cell lung cancer reduces hippocampal atrophy compared to conventional PCI. Neuro-Oncology, 0, , .	0.6	4
586	Automated Detection of Brain Metastases on <scp>T1</scp>â€Weighted <scp>MRI</scp> Using a Convolutional Neural Network: Impact of Volume Aware Loss and Sampling Strategy. Journal of Magnetic Resonance Imaging, 2022, 56, 1885-1898.	1.9	9
587	Prognostic factors following resection of intracranial metastases. , 0, 13, 219.		1
588	Therapeutic role of memantine for the prevention of cognitive decline in cancer patients with brain metastasis receiving whole-brain radiotherapy: a narrative review. Dementia E Neuropsychologia, 0, , .	0.3	0
589	Stereotactic radiosurgery for patients with small-cell lung cancer brain metastases. Lancet Oncology, The, 2022, 23, 832-833.	5.1	1
590	Review of Current Principles of the Diagnosis and Management of Brain Metastases. Frontiers in Oncology, 0, 12, .	1.3	9
591	European consensus-based interdisciplinary guideline for melanoma. Part 2: Treatment - Update 2022. European Journal of Cancer, 2022, 170, 256-284.	1.3	92
592	Local control and radionecrosis of brain metastases from nonâ€“ small-cell lung cancer treated by hypofractionated stereotactic radiotherapy: Evaluation of predictive factors. Clinical and Translational Radiation Oncology, 2022, , .	0.9	2

#	Article	IF	Citations
593	Significant survival improvements for patients with melanoma brain metastases: can we reach cure in the current era?. Journal of Neuro-Oncology, 2022, 158, 471-480.	1.4	5
595	The radiomic-clinical model using the SHAP method for assessing the treatment response of whole-brain radiotherapy: a multicentric study. European Radiology, 2022, 32, 8737-8747.	2.3	10
596	Patient-reported cognitive function before and after glioma surgery. Acta Neurochirurgica, 2022, 164, 2009-2019.	0.9	4
597	Brain Metastases Management in Oncogene-Addicted Non-Small Cell Lung Cancer in the Targeted Therapies Era. International Journal of Molecular Sciences, 2022, 23, 6477.	1.8	5
598	Treatment of breast cancer brain metastases: radiotherapy and emerging preclinical approaches. , 0, , 23-36.		10
599	Predicting the outcome of radiotherapy in brain metastasis by integrating the clinical and MRIâ€based deep learning features. Medical Physics, 2022, 49, 7167-7178.	1.6	11
600	Cerebellopontine angle metastasis of a neuroendocrine tumor mimicking vestibular schwannoma: A case report. , 0, 13, 264.		1
601	Oligometastatic Breast Cancer. Seminars in Radiation Oncology, 2022, 32, 282-290.	1.0	4
602	Brain metastases from non-small cell lung carcinoma: an overview of classical and novel treatment strategies. Reports of Practical Oncology and Radiotherapy, 0, , .	0.3	2
603	The Cognitive Effects of Radiotherapy for Brain Metastases. Frontiers in Oncology, 0, 12, .	1.3	18
604	Fractionated pre-operative stereotactic radiotherapy for patients with brain metastases: a multi-institutional analysis. Journal of Neuro-Oncology, 2022, 159, 389-395.	1.4	14
605	Health related quality of life trajectories after stereotactic radiosurgery for brain metastases: a systematic review. Journal of Neuro-Oncology, 2022, 159, 319-331.	1.4	4
606	Exclusion of Patients With Brain Metastases in Published Phase III Clinical Trials for Advanced Breast Cancer. Clinical Breast Cancer, 2022, 22, 629-633.	1.1	1
607	Neurocognitive Performance in Adults Treated With Radiation for a Primary Brain Tumor. Advances in Radiation Oncology, 2022, 7, 101028.	0.6	2
608	Recurrence patterns and impact of brain metastases in synchronous single organ oligometastatic lung cancer following local ablative treatment â€“ A multicenter analysis. Lung Cancer, 2022, 170, 165-175.	0.9	0
609	Intracranial metastases. , 2022, , 775-794.		1
610	Differentiation of malignant brain tumor types using intratumoral and peritumoral radiomic features. Frontiers in Oncology, 0, 12, .	1.3	3
611	Retrospective study of hypofractionated stereotactic radiotherapy combined with whole brain radiotherapy for patients with brain metastases. Radiation Oncology, 2022, 17, .	1.2	0

#	Article	IF	Citations
612	Current challenges and unmet needs in treating patients with human epidermal growth factor receptor 2-positive advanced breast cancer. Breast, 2022, 66, 145-156.	0.9	3
613	Radiotherapy in Metastatic Urothelial Carcinoma: Rationale and Clinical Applications. Anticancer Research, 2022, 42, 3767-3778.	0.5	4
614	Use of First-Line Immune Checkpoint Inhibitors and Association With Overall Survival Among Patients With Metastatic Melanoma in the Antiâ€“PD-1 Era. JAMA Network Open, 2022, 5, e2225459.	2.8	14
615	Incidence of Brain Metastases in Women Treated With Neoadjuvant Chemotherapy for Breast Cancer: Implications for Screening. Clinical Breast Cancer, 2022, 22, e916-e921.	1.1	4
616	Stereotactic radiosurgery and radiotherapy for resected brain metastases: current pattern of care in the Radiosurgery and Stereotactic Radiotherapy Working Group of the German Association for Radiation Oncology (DEGRO). Strahlentherapie Und Onkologie, 2022, 198, 919-925.	1.0	5
617	Refining therapy in patients with HER2-positive Breast cancer with Central Nervous System metastasis. Breast Care, 0, , .	0.8	0
618	Clinical outcomes of brain metastasectomy from soft tissue and bone sarcomas: a systematic review. International Journal of Clinical Oncology, 2022, 27, 1767-1779.	1.0	2
619	Outcomes and Molecular Features of Brain Metastasis in Gastroesophageal Adenocarcinoma. JAMA Network Open, 2022, 5, e2228083.	2.8	5
621	Survival and Yield of Surveillance Imaging in Long-Term Survivors of Brain Metastasis Treated with Stereotactic Radiosurgery. World Neurosurgery, 2022, 167, e738-e746.	0.7	0
624	Overview of pathology and treatment of metastatic brain tumors. , 2022, , 25-37.		0
625	The correlations between psychological distress, cognitive impairment and quality of life in patients with brain metastases after whole-brain radiotherapy. Clinical and Translational Oncology, 2023, 25, 207-217.	1.2	1
626	DEGRO practical guideline for central nervous system radiation necrosis partÂ1: classification and aÂmultistep approach for diagnosis. Strahlentherapie Und Onkologie, 2022, 198, 873-883.	1.0	10
627	Real-world analysis of different intracranial radiation therapies in non-small cell lung cancer patients with 1â€“4 brain metastases. BMC Cancer, 2022, 22, .	1.1	2
628	A customizable, open-source Winston-Lutz system for multi-target, single isocentre radiotherapy. Biomedical Physics and Engineering Express, 2022, 8, 065005.	0.6	1
629	Stereotactic radiosurgery for post operative brain metastasic surgical cavities: a single institution experience. Radiation Oncology, 2022, 17, .	1.2	1
630	Hypofractionated postoperative stereotactic radiotherapy for large resected brain metastases. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2023, 27, 87-95.	0.6	1
631	Single isocenter stereotactic irradiation for multiple brain metastases: current situation and prospects. Japanese Journal of Radiology, 2022, 40, 987-994.	1.0	2
632	Effectiveness of Standard Margin Stereotactic Radiosurgery Dose to Brain Metastases. World Neurosurgery, 2022, , .	0.7	0

#	Article	IF	Citations
633	An Overview of the Role of Radiotherapy in the Treatment of Small Cell Lung Cancer â€“ A Mainstay of Treatment or a Modality in Decline?. Clinical Oncology, 2022, 34, 741-752.	0.6	5
635	Focal cavity radiotherapy after neurosurgical resection of brain metastases: sparing neurotoxicity without compromising locoregional control. Strahlentherapie Und Onkologie, 0, , .	1.0	2
636	Imaging-defined necrosis after treatment with single-fraction stereotactic radiosurgery and immune checkpoint inhibitors and its potential association with improved outcomes in patients with brain metastases: an international multicenter study of 697 patients. Journal of Neurosurgery, 2022, , 1-10.	0.9	8
637	Treatment of Brain Metastases: The Synergy of Radiotherapy and Immune Checkpoint Inhibitors. Biomedicines, 2022, 10, 2211.	1.4	2
638	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
639	Use of multikinase inhibitors/lenvatinib concomitant with locoregional therapies for the treatment of radioiodineâ€refractory differentiated thyroid cancer. Cancer Medicine, 2022, 11, 40-46.	1.3	1
640	Stereotactic radiosurgery combined with immune checkpoint inhibitors for brain metastasis: A systematic review and meta-analysis. Asian Journal of Surgery, 2023, 46, 1917-1923.	0.2	1
641	Reduced-dose WBRT combined with SRS for 1â€“4 brain metastases aiming at minimizing neurocognitive function deterioration without compromising brain tumor control. Clinical and Translational Radiation Oncology, 2022, 37, 116-129.	0.9	1
642	Small-cell lung cancer brain metastasis: From molecular mechanisms to diagnosis and treatment. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166557.	1.8	17
644	Palliative care and end-of-life care in adults with malignant brain tumors. Neuro-Oncology, 2023, 25, 447-456.	0.6	12
646	The Present and Future of Clinical Management in Metastatic Breast Cancer. Journal of Clinical Medicine, 2022, 11, 5891.	1.0	7
647	The Role of Stereotactic Radiosurgery in the Treatment of Large Brain Metastases. Sklifosovsky Journal Emergency Medical Care, 2022, 11, 464-475.	0.3	0
648	Prognostic Model for Intracranial Progression after Stereotactic Radiosurgery: A Multicenter Validation Study. Cancers, 2022, 14, 5186.	1.7	0
649	Sensitizing brain metastases to stereotactic radiosurgery using hyperbaric oxygen: A proof-of-principle study. Radiotherapy and Oncology, 2022, 177, 179-184.	0.3	1
650	A Deep Learning-Based Computer Aided Detection (CAD) System for Difficult-to-Detect Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2023, 115, 779-793.	0.4	5
651	Association of Long-term Outcomes With Stereotactic Radiosurgery vs Whole-Brain Radiotherapy for Resected Brain Metastasis. JAMA Oncology, 2022, 8, 1809.	3.4	24
652	Advances in the Management of Central Nervous System Metastases from Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 12525.	1.8	1
653	Anti-Hormonal Therapy in Breast Cancer and Its Effect on the Blood-Brain Barrier. Cancers, 2022, 14, 5132.	1.7	2

#	Article	IF	Citations
654	Therapeutic Options for Brain Metastases in Gynecologic Cancers. Current Treatment Options in Oncology, 2022, 23, 1601-1613.	1.3	0
655	Preoperative stereotactic radiosurgery in the management of brain metastases and gliomas. Frontiers in Surgery, 0, 9, .	0.6	2
656	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
658	Management of Brain Metastases from Human Epidermal Growth Factor Receptor 2 Positive (HER2+) Breast Cancer. Cancers, 2022, 14, 5136.	1.7	0
659	Neoadjuvant stereotactic radiosurgery for brain metastases: a new paradigm. Neurosurgical Focus, 2022, 53, E8.	1.0	3
660	Stereotactic radiosurgery for recurrent pediatric brain tumors: clinical outcomes and toxicity. Neurosurgical Focus, 2022, 53, E2.	1.0	2
661	How I treat brain metastases of melanoma. ESMO Open, 2022, 7, 100598.	2.0	4
662	A Self-Attention-Guided 3D Deep Residual Network With Big Transfer to Predict Local Failure in Brain Metastasis After Radiotherapy Using Multi-Channel MRI. IEEE Journal of Translational Engineering in Health and Medicine, 2023, 11, 13-22.	2.2	6
663	Incidence proportion and prognosis of leptomeningeal disease among patients with breast vs. non-breast primaries. Neuro-Oncology, 2023, 25, 973-983.	0.6	6
664	Utilization of neoadjuvant stereotactic radiosurgery for the treatment of brain metastases requiring surgical resection: a topic review. Journal of Neuro-Oncology, 2022, 160, 691-705.	1.4	1
665	Mutational status and clinical outcomes following systemic therapy with or without focal radiation for resected melanoma brain metastases. World Neurosurgery, 2022, , .	0.7	0
666	Long term survivors of stereotactic radiosurgery for brain metastases: do distant brain failures reach a plateau and what factors are associated with a brain metastasis velocity of zero?. Journal of Neuro-Oncology, 2022, 160, 643-648.	1.4	2
668	Reporting of tobacco use and tobacco-related analyses in cancer cooperative group clinical trials: a systematic scoping review. ESMO Open, 2022, 7, 100605.	2.0	0
669	Comparing pre-operative versus post-operative single and multi-fraction stereotactic radiotherapy for patients with resectable brain metastases. Clinical and Translational Radiation Oncology, 2023, 38, 117-122.	0.9	3
670	Update on the Management of Brain Metastasis. Neurotherapeutics, 2022, 19, 1772-1781.	2.1	9
671	A multidisciplinary management algorithm for brain metastases. Neuro-Oncology Advances, 2022, 4, .	0.4	3
672	Multidisciplinary Management of Brain Metastasis from Breast Cancer. Hematology/Oncology Clinics of North America, 2023, 37, 183-202.	0.9	1
673	Prophylactic Cranial Irradiation in Non-small Cell Lung Cancer. Medical Radiology, 2022, , .	0.0	0

#	Article	IF	Citations
674	Stereotactic radiosurgery and local control of brain metastases from triple-negative breast cancer. Journal of Neurosurgery, 2022, , 1-7.	0.9	4
675	Radiation-induced optic neuropathy: a review. British Journal of Ophthalmology, 2023, 107, 743-749.	2.1	3
676	Magnetic Resonance-Guided Laser Interstitial Thermal Therapy for Management of Low-Grade Gliomas and Radiation Necrosis: A Single-Institution Case Series. Brain Sciences, 2022, 12, 1627.	1.1	1
677	Direct dosimetric comparison of linear accelerator vs. Gamma Knife fractionated stereotactic radiotherapy (fSRT) of large brain tumors. Medical Dosimetry, 2022, , .	0.4	0
678	Brain metastases from small cell lung cancer and non-small cell lung cancer: comparison of spatial distribution and identification of metastatic risk regions. Journal of Neuro-Oncology, 2023, 161, 97-105.	1.4	2
679	Local therapy treatment conditions for oligometastatic non-small cell lung cancer. Frontiers in Oncology, 0, 12, .	1.3	3
680	Evaluating the impact of early identification of asymptomatic brain metastases in metastatic renal cell carcinoma. Cancer Reports, 0, , .	0.6	1
681	An updated review on the diagnosis and assessment of post-treatment relapse in brain metastases using PET. Expert Review of Neurotherapeutics, 2022, 22, 915-921.	1.4	1
682	Load and release of gambogic acid via dual-target ellipsoidal-Fe₃O₄@SiO₂@mSiO₂-C₁₈@dopamine hydrochloride -graphene quantum dots-folic acid and its inhibition to VX2 tumor cells. Nanotechnology, 2023, 34, 105101.	1.3	3
683	Association of circulating markers with cognitive decline after radiation therapy for brain metastasis. Neuro-Oncology, 2023, 25, 1123-1131.	0.6	2
684	Brain parenchymal and leptomeningeal metastasis in non-small cell lung cancer. Scientific Reports, 2022, 12, .	1.6	8
685	Low-Energy X-Ray Intraoperative Radiation Therapy (Lex-IORT) for Resected Brain Metastases: A Single-Institution Experience. Cancers, 2023, 15, 14.	1.7	9
686	Current treatment approaches for brain metastases in ALK/ROS1/NTRK-positive non-small-cell lung cancer. Expert Review of Anticancer Therapy, 2023, 23, 29-41.	1.1	1
687	Identification of risk factors associated with leptomeningeal disease after resection of brain metastases. Journal of Neurosurgery, 2023, , 1-12.	0.9	3
688	Preoperative Radiosurgical Management of Brain Metastases: Evidence and Challenges. , 0, , 75-91.		0
689	Gamma Knife Radiosurgery Irradiation of Surgical Cavity of Brain Metastases: Factor Analysis and Gene Mutations. Life, 2023, 13, 236.	1.1	0
690	Acute toxicities and cumulative dose to the brain of repeated sessions of stereotactic radiotherapy (SRT) for brain metastases: a retrospective study of 184 patients. Radiation Oncology, 2023, 18, .	1.2	4
691	Patterns of Failure Outcomes for Combination of Stereotactic Radiosurgery and Immunotherapy for Melanoma Brain Metastases. , 2023, 4, .		0

#	Article	IF	Citations
692	Five-Fraction Stereotactic Radiotherapy for Brain Metastasesâ€"A Retrospective Analysis. Current Oncology, 2023, 30, 1300-1313.	0.9	4
693	Clinical outcome of patients with isolated central nervous system progression on first-line pertuzumab and trastuzumab treatment for HER2-positive metastatic breast cancer in a real-life cohort. Breast Cancer, 0, , .	1.3	0
694	A phase III, multicenter, randomized controlled trial of preoperative versus postoperative stereotactic radiosurgery for patients with surgically resectable brain metastases. BMC Cancer, 2022, 22, .	1.1	8
695	Dosimetric Parameters in Hypofractionated Stereotactic Radiotherapy for Brain Metastases: Do Flattening Filter-Free Beams Bring Benefits? A Preliminary Study. Cancers, 2023, 15, 678.	1.7	0
696	Targeting lung cancer brain metastases: a narrative review of emerging insights for anaplastic lymphoma kinase (ALK)-positive disease. Translational Lung Cancer Research, 2023, 12, 379-392.	1.3	2
697	CDKN2A/B co-deletion is associated with increased risk of local and distant intracranial recurrence after surgical resection of brain metastases. Neuro-Oncology Advances, 2023, 5, .	0.4	1
698	Revisiting the Role of Surgical Resection for Brain Metastasis. Brain Tumor Research and Treatment, 2023, 11, 1.	0.4	0
699	Breast Cancer Metastasis to Bone: Look into the Future. , 2023, , .		0
700	Radiation necrosis and therapeutic outcomes in patients treated with linear acceleratorâ€based hypofractionated stereotactic radiosurgery for intact intracranial metastases. Journal of Medical Imaging and Radiation Oncology, 0, , .	0.9	0
701	The management of oligometastatic disease in colorectal cancer: Present strategies and future perspectives. Critical Reviews in Oncology/Hematology, 2023, 186, 103990.	2.0	1
702	Gamma Knife radiosurgery for gynecologic metastases to the brain: Analysis of pathology, survival, and tumor control. Gynecologic Oncology, 2023, 172, 21-28.	0.6	1
703	Stereotactic Radiosurgery for Brain Metastases in Patients With a Heterozygous Germline Ataxia Telangiectasia Mutated Gene. Cureus, 2023, , .	0.2	0
704	Stereotactic radiosurgery versus whole-brain radiotherapy after resection of solitary brain metastasis: A systematic review and meta-analysis. World Neurosurgery: X, 2023, 18, 100170.	0.6	1
705	Whole-brain radiotherapy associated with structural changes resembling aging as determined by anatomic surface-based deep learning. Neuro-Oncology, 2023, 25, 1323-1330.	0.6	3
706	Re-Irradiation by Stereotactic Radiotherapy of Brain Metastases in the Case of Local Recurrence. Cancers, 2023, 15, 996.	1.7	1
707	Immunotherapy plus stereotactic body radiation therapy or whole-brain radiation therapy in brain metastases. Immunotherapy, 2023, 15, 163-174.	1.0	1
708	Stereotactic Radiosurgery for Primary Central Nervous System Lymphoma. Cureus, 2023, , .	0.2	1
709	The role of brain radiotherapy for EGFR- and ALK-positive non-small-cell lung cancer with brain metastases: a review. Radiologia Medica, 2023, 128, 316-329.	4.7	5

#	Article	IF	Citations
710	Management of initial and recurrent radiation-induced contrast enhancements following radiotherapy for brain metastases: Clinical and radiological impact of bevacizumab and corticosteroids. Clinical and Translational Radiation Oncology, 2023, 39, 100600.	0.9	3
711	The role of targeted therapy and immune therapy in the management of non-small cell lung cancer brain metastases. Frontiers in Oncology, 0, 13, .	1.3	3
712	Multimodal Treatments for Brain Metastases from Renal Cell Carcinoma: Results of a Multicentric Retrospective Study. Cancers, 2023, 15, 1393.	1.7	1
713	Intraoperative radiotherapy for brain metastases: first-stage results of a single-arm, open-label, phase 2 trial. Journal of Neuro-Oncology, 2023, 162, 211-215.	1.4	2
714	Stereotactic radiosurgery in brain metastasis: treatment outcomes and patterns of failure. Journal of Radiotherapy in Practice, 2023, 22, .	0.2	0
715	What if: A retrospective reconstruction of resection cavity stereotactic radiosurgery to mimic neoadjuvant stereotactic radiosurgery. Frontiers in Oncology, 0, 13, .	1.3	1
716	Time interval from diagnosis to treatment of brain metastases with stereotactic radiosurgery is not associated with radionecrosis or local failure. Frontiers in Oncology, 0, 13, .	1.3	2
718	Precision Radiation for Brain Metastases With a Focus on Hypofractionated Stereotactic Radiosurgery. Seminars in Radiation Oncology, 2023, 33, 114-128.	1.0	2
719	The role of the neurologist in the diagnosis and treatment of brain metastases and carcinomatous meningitis. Revue Neurologique, 2023, , .	0.6	0
720	Brain Metastases: Is There Still a Role for Whole-Brain Radiation Therapy?. Seminars in Radiation Oncology, 2023, 33, 129-138.	1.0	2
721	Recent trends of characteristics and treatments in adults with newly diagnosed brain metastases. Japanese Journal of Clinical Oncology, 0, , .	0.6	2
722	Brain metastases in the elderly â€“ Impact of residual tumor volume on overall survival. Frontiers in Oncology, 0, 13, .	1.3	3
723	Advances in Radiotherapy for Brain Metastases. Surgical Oncology Clinics of North America, 2023, 32, 569-586.	0.6	3
725	Minimizing Intracranial Disease Before Stereotactic Radiation in Single or Solitary Brain Metastases. Neurosurgery, 2023, 93, 782-793.	0.6	2
726	Radiotherapy in Oligometastatic and Oligoprogressive Disease. The Journal of Tepecik Education and Research Hospital, 2023, 33, 1-6.	0.2	0
743	Models of multidisciplinary management. , 2024, , 39-44.		0
744	Palliative radiotherapy in oligometastases. , 2024, , 263-274.		0
745	Palliative radiotherapy in the brain. , 2024, , 231-248.		0

#	Article	IF	Citations
746	Management of fatigue. , 2024, , 311-322.		0
747	Central nervous system: Symptoms and toxicities. , 2024, , 335-340.		0
767	Emerging therapeutics and evolving assessment criteria for intracranial metastases in patients with oncogene-driven non-small-cell lung cancer. Nature Reviews Clinical Oncology, 0, , .	12.5	1
769	Intracranial Tumors. , 2023, , 39-87.		0
777	Pachymeningeal disease: a systematic review and metanalysis. Journal of Neuro-Oncology, 2023, 165, 29-39.	1.4	1
781	Palliative Care in Neuro-oncology: an Update. Current Neurology and Neuroscience Reports, 0, , .	2.0	0
788	Lung Cancer Emergencies. , 2023, , 1-51.		0
796	Preoperative stereotactic radiosurgery as neoadjuvant therapy for resectable brain tumors. Journal of Neuro-Oncology, 2023, 165, 21-28.	1.4	0
816	Breast Cancer Brain Metastases: Achillesâ€™ Heel in Breast Cancer Patientsâ€™ Care. Cancer Treatment and Research, 2023, , 283-302.	0.2	0
821	The role of GammaTile in the treatment of brain tumors: a technical and clinical overview. Journal of Neuro-Oncology, 2024, 166, 203-212.	1.4	0
828	Brain Metastases. , 2023, , 21-45.		0
835	Editorial: Radiotherapy strategies for precise treatment on brain metastases. Frontiers in Oncology, 0, 14, .	1.3	0
840	MR-Linac-Guided Adaptive Radiotherapy for Brain Tumors. , 2024, , 375-394.		0