CITATION REPORT List of articles citing

The role of laser interstitial thermal therapy in enhancing progression-free survival of difficult-to-access high-grade gliomas: a multicenter study

DOI: 10.1002/cam4.266 Cancer Medicine, 2014, 3, 971-9.

Source: https://exaly.com/paper-pdf/58289369/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
179	Stereotactic laser ablation of high-grade gliomas. 2014 , 37, E1		84
178	Laser ablation as treatment strategy for medically refractory dominant insular epilepsy: therapeutic and functional considerations. 2014 , 92, 397-404		57
177	Editorial: laser interstitial thermal therapy: an effective treatment for focally recurrent high grade glioma. 2014 , 37, E2		9
176	Tissue Ablation Dynamics During Magnetic Resonance-Guided, Laser-Induced Thermal Therapy. <i>Neurosurgery</i> , 2015 , 77, 51-8; discussion 58	3.2	26
175	Neurosurgical Techniques for Disruption of the Blood-Brain Barrier for Glioblastoma Treatment. 2015 , 7, 175-87		73
174	Hyperthermia Sensitizes Glioma Stem-like Cells to Radiation by Inhibiting AKT Signaling. 2015 , 75, 1760)-9	58
173	The role of magnetic resonance-guided laser ablation in neurooncology. <i>British Journal of Neurosurgery</i> , 2015 , 29, 192-6	1	32
172	Renaissance of laser interstitial thermal ablation. 2015 , 38, E13		123
171	MRI-Guided Stereotactic Laser Ablation. 2015 , 375-403		5
170	Closed-Bore Interventional MRI: Percutaneous Biopsies and Ablations. 2015 , 205, W400-10		15
169	Current Applications of MRI-Guided Laser Interstitial Thermal Therapy in the Treatment of Brain Neoplasms and Epilepsy: A Radiologic and Neurosurgical Overview. 2015 , 36, 1998-2006		146
168	Letter to the Editor: Stereotactic laser ablation of high-grade gliomas. 2015 , 39, E20		
167	Laser Ablation in Neuro-oncology. 2016 ,		
166	Thermal Therapy Approaches for Treatment of Brain Tumors in Animals and Humans. 2016 , 44, 443-457	7	15
165	Emerging surgical therapies in the treatment of pediatric epilepsy. 2016 , 5, 67-78		21
164	Stereotactic Laser Ablation for Medically Intractable Epilepsy: The Next Generation of Minimally Invasive Epilepsy Surgery. 2016 , 3, 64		50
163	Safety of stereotactic laser ablations performed as treatment for glioblastomas in a conventional magnetic resonance imaging suite. 2016 , 41, E7		16

(2016-2016)

162	Emerging Applications of Therapeutic Ultrasound in Neuro-oncology: Moving Beyond Tumor Ablation. <i>Neurosurgery</i> , 2016 , 79, 643-654	3.2	46
161	Laser Ablation of Newly Diagnosed Malignant Gliomas: a Meta-Analysis. <i>Neurosurgery</i> , 2016 , 79 Suppl 1, S17-S23	3.2	38
160	Maximizing safe resection of low- and high-grade glioma. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 269-26	32 4.8	217
159	Photothermal therapy of glioblastoma multiforme using multiwalled carbon nanotubes optimized for diffusion in extracellular space. 2016 , 2, 963-976		55
158	A Systematic Review and Meta-Analysis of Studies Examining the Use of Brain Laser Interstitial Thermal Therapy versus Craniotomy for the Treatment of High-Grade Tumors in or near Areas of Eloquence: An Examination of the Extent of Resection and Major Complication Rates Associated		32
157	with Each Type of Surgery. 2016 , 94, 164-73 Laser interstitial thermal therapy followed by minimal-access transsulcal resection for the treatment of large and difficult to access brain tumors. 2016 , 41, E14		35
156	Stereotactic laser ablation as treatment for brain metastases that recur after stereotactic radiosurgery: a multiinstitutional experience. 2016 , 41, E11		48
155	Stereotactic robot-assisted MRI-guided laser thermal ablation of radiation necrosis in the posterior cranial fossa: technical note. 2016 , 41, E5		22
154	Use of a Mobile Intraoperative Computed Tomography Scanner for Navigation Registration During Laser Interstitial Thermal Therapy of Brain Tumors. <i>World Neurosurgery</i> , 2016 , 94, 418-425	2.1	7
153	Thermal injury to corticospinal tracts and postoperative motor deficits after laser interstitial thermal therapy. 2016 , 41, E6		26
152	Intracerebral laser interstitial thermal therapy followed by tumor resection to minimize cerebral edema. 2016 , 41, E13		23
151	Laser interstitial thermal therapy for newly diagnosed and recurrent glioblastoma. 2016 , 41, E12		64
150	Stereotactic Laser Interstitial Thermal Therapy for Recurrent High-Grade Gliomas. <i>Neurosurgery</i> , 2016 , 79 Suppl 1, S24-S34	3.2	47
149	Laser Ablation of Recurrent Malignant Gliomas: Current Status and Future Perspective. <i>Neurosurgery</i> , 2016 , 79 Suppl 1, S35-S39	3.2	15
148	Laser Ablation vs Open Resection for Deep-Seated Tumors: Evidence for Laser Ablation. <i>Neurosurgery</i> , 2016 , 63 Suppl 1, 15-26	3.2	13
147	Laser Interstitial Thermal Therapy: Lighting the Way to a New Treatment Option in Neurosurgery. <i>Neurosurgery</i> , 2016 , 79 Suppl 1, S3-S7	3.2	21
146	The value of using a brain laser interstitial thermal therapy (LITT) system in patients presenting with high grade gliomas where maximal safe resection may not be feasible. 2016 , 14, 6		26
145	Laser interstitial thermal therapy in the management of brain metastasis and radiation necrosis after radiosurgery: An overview. 2016 , 16, 223-32		68

144	Magnetic resonance-guided laser interstitial thermal therapy: report of a series of pediatric brain tumors. 2016 , 17, 723-33		41
143	Minimally Invasive Neurosurgery for Epilepsy Using Stereotactic MRI Guidance. <i>Neurosurgery Clinics of North America</i> , 2016 , 27, 51-8	4	40
142	Laser Ablation in Pediatric Epilepsy. Neurosurgery Clinics of North America, 2016, 27, 69-78	4	46
141	Complication avoidance in laser interstitial thermal therapy: lessons learned. <i>Journal of Neurosurgery</i> , 2017 , 126, 1238-1245	3.2	67
140	The Role of Laser-Induced Thermal Therapy in the Management of Malignant Gliomas. 2017 , 103-119		
139	Extent of Resection in Glioma-A Review of the Cutting Edge. World Neurosurgery, 2017, 103, 538-549	2.1	86
138	Delayed Intraparenchymal and Intraventricular Hemorrhage Requiring Surgical Evacuation after MRI-Guided Laser Interstitial Thermal Therapy for Lesional Epilepsy. 2017 , 95, 73-78		8
137	Prolonged Blood-Brain Barrier Disruption Following Laser Interstitial Ablation in Epilepsy: A Case Series with a Case Report of Postablation Optic Neuritis. <i>World Neurosurgery</i> , 2017 , 104, 467-475	2.1	15
136	Advancements in the Use of Stereotactic Laser Ablation for High-Grade Gliomas. 2017, 39, 1-6		
135	Magnetic Resonance-Guided Laser Ablation: A Viable Treatment Alternative for Recurrent Meningioma?. <i>World Neurosurgery</i> , 2017 , 99, 779-781	2.1	
134	Intraoperative Imaging for Pituitary Surgery. 2017 , 259-275		1
133	Stereotactic Biopsy Platforms with Intraoperative Imaging Guidance. <i>Neurosurgery Clinics of North America</i> , 2017 , 28, 465-475	4	9
132	Advancements in the Use of Stereotactic Laser Ablation for High-Grade Gliomas. 2017, 39, 6-6		1
131	A Single-Center Cost Analysis of Treating Primary and Metastatic Brain Cancers with Either Brain Laser Interstitial Thermal Therapy (LITT) or Craniotomy. 2017 , 1, 53-63		17
130	Laser neurosurgery: A systematic analysis of magnetic resonance-guided laser interstitial thermal therapies. <i>Journal of Clinical Neuroscience</i> , 2017 , 36, 20-26	2.2	40
129	A novel combination of two minimally invasive surgical techniques in the management of refractory radiation necrosis: Technical note. <i>Journal of Clinical Neuroscience</i> , 2017 , 35, 117-121	2.2	19
128	Chemophototherapy: An Emerging Treatment Option for Solid Tumors. 2017, 4, 1600106		261
127	JOURNAL CLUB: Longitudinal Qualitative Characterization of MRI Features After Laser Interstitial Thermal Therapy in Drug-Resistant Epilepsy. 2017 , 208, 48-56		12

(2018-2017)

126	Magnetic Resonance Thermometry-Guided Laser Interstitial Thermal Therapy in Neurosurgery, a Promising Tool for Dural-Based Lesions?. <i>World Neurosurgery</i> , 2017 , 98, 836-838	2.1	4
125	Magnetic Resonance-Guided Laser Ablation for the Treatment of Recurrent Dural-Based Lesions: A Series of Five Cases. <i>World Neurosurgery</i> , 2017 , 98, 162-170	2.1	33
124	MRI-Guided Interstitial Laser Ablation for Intracranial Lesions: A Large Single-Institution Experience of 133 Cases. 2017 , 95, 417-428		44
123	The Future of Cranial Neurosurgery-Adapting New Approaches. <i>Neurosurgery</i> , 2017 , 64, 144-150	3.2	2
122	Advances in Brain Tumor Surgery for Glioblastoma in Adults. 2017 , 7,		131
121	Laser interstitial thermal therapy for the treatment of epilepsy: evidence to date. 2017 , 13, 2469-2475		25
120	Trapped ventricle after laser ablation of a subependymal giant cell astrocytoma complicated by intraventricular gadolinium extravasation: case report. 2018 , 21, 523-527		9
119	Techniques to Ensure Accurate Targeting for Delivery of Awake Laser Interstitial Thermotherapy. <i>Operative Neurosurgery</i> , 2018 , 15, 454-460	1.6	11
118	Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy for Glioblastoma of the Corpus Callosum. <i>Neurosurgery</i> , 2018 , 83, 556-565	3.2	24
117	Volumetric response of progressing post-SRS lesions treated with laser interstitial thermal therapy. Journal of Neuro-Oncology, 2018 , 137, 57-65	4.8	24
116	Laser-Induced Thermal Therapy in Neuro-Oncology: A Review. World Neurosurgery, 2018, 112, 166-177	2.1	50
115	Laser Thermal Ablation for Metastases Failing Radiosurgery: A Multicentered Retrospective Study. <i>Neurosurgery</i> , 2018 , 82, 56-63	3.2	39
114	Effects of variable power on tissue ablation dynamics during magnetic resonance-guided laser-induced thermal therapy with the Visualase system. <i>International Journal of Hyperthermia</i> , 2018 , 34, 764-772	3.7	11
113	A methodology for thermal dose model parameter development using perioperative MRI. <i>International Journal of Hyperthermia</i> , 2018 , 34, 687-696	3.7	3
112	Surgical oncology for gliomas: the state of the art. 2018 , 15, 112-125		139
111	Perioperative and Anesthetic Considerations for Neurosurgical Laser Interstitial Thermal Therapy Ablations. 2018 , 30, 10-17		11
110	Management of Intracranial Metastatic Disease With Laser Interstitial Thermal Therapy. 2018 , 8, 499		30
109	Drug and disease signature integration identifies synergistic combinations in glioblastoma. 2018 , 9, 53	15	44

108	The potential for remodelling the tumour vasculature in glioblastoma. 2018 , 136-137, 49-61		9
107	How Intraoperative Tools and Techniques Have Changed the Approach to Brain Tumor Surgery. <i>Current Oncology Reports</i> , 2018 , 20, 89	6.3	7
106	Lasers in Dermatology and Medicine. 2018,		0
105	P-Glycoprotein-Targeted Photothermal Therapy of Drug-Resistant Cancer Cells Using Antibody-Conjugated Carbon Nanotubes. 2018 , 10, 33464-33473		41
104	Techniques for Stereotactic Neurosurgery: Beyond the Frame, Toward the Intraoperative Magnetic Resonance Imaging-Guided and Robot-Assisted Approaches. <i>World Neurosurgery</i> , 2018 , 116, 77-87	2.1	28
103	Safety and outcomes of resection of butterfly glioblastoma. 2018 , 44, E4		21
102	Advances in Glioblastoma Operative Techniques. World Neurosurgery, 2018, 116, 529-538	2.1	9
101	Laser-Induced Interstitial Thermotherapy of Gliomas. 2018 , 32, 14-26		10
100	The Safety of Bevacizumab Administered Shortly after Laser Interstitial Thermal Therapy in Glioblastoma: A Case Series. <i>World Neurosurgery</i> , 2018 , 117, e588-e594	2.1	9
99	Glioblastoma Treatments: An Account of Recent Industrial Developments. 2018, 9, 879		61
98	Patterns of Clinical Use of Stereotactic Laser Ablation: Analysis of a Multicenter Prospective Registry. <i>World Neurosurgery</i> , 2018 , 116, e566-e570	2.1	24
97	Laser Interstitial Thermal Therapy as a Primary Treatment for Deep Inaccessible Gliomas. Neurosurgery, 2019 , 84, 768-777	3.2	23
96	Initial Experience Using Intraoperative Magnetic Resonance Imaging During a Trans-Sulcal Tubular Retractor Approach for the Resection of Deep-Seated Brain Tumors: A Case Series. <i>Operative Neurosurgery</i> , 2019 , 16, 292-301	1.6	18
95	Commentary: Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020 , 86, E385-E386	3.2	1
94	Predictive modeling of brain tumor laser ablation dynamics. Journal of Neuro-Oncology, 2019, 144, 193-	2 .p. 38	6
93	Intraclass Correlations of Measured Magnetic Resonance Imaging Volumes of Laser Interstitial Thermal Therapy-Treated High-Grade Gliomas. 2019 , 51, 790-796		2
92	Thalamic gliomas: Advances in the surgical management. 2019 , 117-135		
91	Laser Interstitial Thermal Therapy in Glioblastoma. 2019,		1

(2020-2019)

90	Laser Interstitial Thermal Therapy to the Posterior Fossa: Challenges and Nuances. <i>World Neurosurgery</i> , 2019 , 132, e124-e132	2.1	8
89	Immunotherapy for inoperable gliomas. 2019 , 181-192		
88	14-3-3[promotes gliomas cells invasion by regulating Snail through the PI3K/AKT signaling. <i>Cancer Medicine</i> , 2019 , 8, 783-794	4.8	20
87	"Laser and the Tuber": thermal dynamic and volumetric factors influencing seizure outcomes in pediatric subjects with tuberous sclerosis undergoing stereoencephalography-directed laser ablation of tubers. 2019 , 35, 1333-1340		10
86	Thalamic Gliomas. 2019 , 459-480		1
85	What is the advance of extent of resection in glioblastoma surgical treatment-a systematic review. 2019 , 5, 2		3
84	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020 , 86, 538-547	3.2	24
83	Laser Interstitial Thermal Therapy. 2019 , 153-176		O
82	Advances in Surgical Approaches to Supratentorial Deep-Seated Lesions. 2019, 393-404		
81	In Reply: Thalamic Glioblastoma: Clinical Presentation, Management Strategies, and Outcomes. <i>Neurosurgery</i> , 2019 , 84, E289-E290	3.2	
80	Histologic findings associated with laser interstitial thermotherapy for glioblastoma multiforme. 2019 , 14, 19		15
79	Laser interstitial thermal therapy for Thoperable Igliomas. 2019, 209-229		
78	Upfront Magnetic Resonance Imaging-Guided Stereotactic Laser-Ablation in Newly Diagnosed Glioblastoma: A Multicenter Review of Survival Outcomes Compared to a Matched Cohort of Biopsy-Only Patients. <i>Neurosurgery</i> , 2019 , 85, 762-772	3.2	36
77	Laser Ablation Therapy for Pediatric Patients with Intracranial Lesions in Eloquent Areas. <i>World Neurosurgery</i> , 2019 , 121, e191-e199	2.1	10
76	Prospective Techniques for Magnetic Resonance Imaging@uided Robot-Assisted Stereotactic Neurosurgery. 2020 , 585-598		2
75	The role of neutrophil-to-lymphocyte ratio in predicting overall survival in patients undergoing laser interstitial thermal therapy for glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2020 , 72, 108-113	2.2	6
74	Fornicotomy for the Treatment of Epilepsy: An Examination of Historical Literature in the Setting of Modern Operative Techniques. <i>Neurosurgery</i> , 2020 , 87, 157-165	3.2	1
73	Novel Treatment Strategies for Glioblastoma. <i>Cancers</i> , 2020 , 12,	6.6	14

72	Magnetic resonance-guided laser interstitial thermal therapy for posterior fossa neoplasms. Journal of Neuro-Oncology, 2020 , 149, 533-542	4.8	6
71	Hyperthermia treatment advances for brain tumors. <i>International Journal of Hyperthermia</i> , 2020 , 37, 3-19	3.7	25
70	Laser Interstitial Thermal Therapy in the Treatment of Thalamic Brain Tumors: A Case Series. <i>Operative Neurosurgery</i> , 2020 , 19, 641-650	1.6	7
69	Laser thermal therapy in the management of high-grade gliomas. <i>International Journal of Hyperthermia</i> , 2020 , 37, 44-52	3.7	4
68	Laser Interstitial Thermotherapy for Treatment of Symptomatic Peritumoral Edema After Radiosurgery for Meningioma. <i>World Neurosurgery</i> , 2020 , 136, 295-300	2.1	3
67	Laser Interstitial Thermal Therapy in Neurosurgery. 2020 ,		1
66	Cost-effectiveness of stereotactic laser ablation (SLA) for brain tumors. <i>International Journal of Hyperthermia</i> , 2020 , 37, 61-67	3.7	2
65	Commentary: Laser Interstitial Thermal Therapy in the Treatment of Thalamic Brain tumors: A Case Series. <i>Operative Neurosurgery</i> , 2020 , 19, E555-E556	1.6	
64	Characterization of Magnetic Resonance Thermal Imaging Signal Artifact During Magnetic Resonance Guided Laser-Induced Thermal Therapy. <i>Operative Neurosurgery</i> , 2020 , 19, 619-624	1.6	3
63	The effect of thermal therapy on the blood-brain barrier and blood-tumor barrier. <i>International Journal of Hyperthermia</i> , 2020 , 37, 35-43	3.7	12
62	MR-Guided Laser Interstitial Thermal Therapy for Treatment of Brain Tumors. 2020,		
61	Radiotherapy in Managing Brain Metastases. 2020,		O
60	Devascularization of a Hemorrhagic Pineocytoma by Laser Thermal Ablation Followed by Endoscopic Resection: A Proof-of-Principle Case Report. <i>World Neurosurgery</i> , 2020 , 139, 583-587	2.1	1
59	Evolving Strategies to Potentially Further Optimize Surgical Interventions in Brain Cancer. <i>Current Oncology Reports</i> , 2020 , 22, 32	6.3	3
58	Combined Surgical Resection and Laser Interstitial Thermal Therapy for Glioblastoma: Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020 , 81, 348-354	1.1	2
57	Laser interstitial thermal therapy in gliomas. Cancer Letters, 2020, 474, 151-157	9.9	12
56	Glioblastoma: Pathogenesis and Current Status of Chemotherapy and Other Novel Treatments. <i>Cancers</i> , 2020 , 12,	6.6	30
55	Laser Ablation of Abnormal Neurological Tissue Using Robotic NeuroBlate System (LAANTERN): 12-Month Outcomes and Quality of Life After Brain Tumor Ablation. <i>Neurosurgery</i> , 2020 , 87, E338-E346	3.2	20

(2020-2020)

54	Lessons Learned in Using Laser Interstitial Thermal Therapy for Treatment of Brain Tumors: A Case Series of 238 Patients from a Single Institution. <i>World Neurosurgery</i> , 2020 , 139, e345-e354	2.1	15
53	In situ vaccination with laser interstitial thermal therapy augments immunotherapy in malignant gliomas. <i>Journal of Neuro-Oncology</i> , 2021 , 151, 85-92	4.8	5
52	Stereotactic Laser Ablation of Glioblastoma. <i>Neurosurgery Clinics of North America</i> , 2021 , 32, 105-115	4	О
51	Laser Interstitial Thermal Therapy in Patients with Newly Diagnosed Glioblastoma: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
50	Neuro-Oncologic Care During the COVID-19 Pandemic. 2021 , 123-129		
49	Laser interstitial thermotherapy (LITT) for the treatment of tumors of the brain and spine: a brief review. <i>Journal of Neuro-Oncology</i> , 2021 , 151, 429-442	4.8	10
48	Cerebral microcirculation in glioblastoma: A major determinant of diagnosis, resection, and drug delivery. <i>Microcirculation</i> , 2021 , 28, e12679	2.9	2
47	Upregulating Aggregation-Induced-Emission Nanoparticles with Blood-Tumor-Barrier Permeability for Precise Photothermal Eradication of Brain Tumors and Induction of Local Immune Responses. <i>Advanced Materials</i> , 2021 , 33, e2008802	24	16
46	An Overview of High-grade Glioma: Current and Emerging Treatment Approaches. <i>Current Cancer Therapy Reviews</i> , 2021 , 17, 35-48	0.4	
45	Laser Interstitial Thermal Therapy for Glioblastoma: A Single-Center Experience. <i>World Neurosurgery</i> , 2021 , 149, e244-e252	2.1	1
44	A Cohort Study on Prognostic Factors for Laser Interstitial Thermal Therapy Success in Newly Diagnosed Glioblastoma. <i>Neurosurgery</i> , 2021 , 89, 496-503	3.2	2
43	Laser interstitial thermal therapy (LITT) for intracranial lesions: a single-institutional series, outcomes, and review of the literature. <i>British Journal of Neurosurgery</i> , 2021 , 1-7	1	O
42	Laser Interstitial Thermal Therapy for Recurrent Glioblastoma: Pooled Analyses of Available Literature. <i>World Neurosurgery</i> , 2021 , 153, 91-97.e1	2.1	2
41	Laser Interstitial Thermal Therapy for Brain Metastasis. 2020 , 85-94		1
40	Survival outcomes in patients with recurrent glioblastoma treated with Laser Interstitial Thermal Therapy (LITT): A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 195, 105942	2	26
39	Delirium and topographical disorientation associated with glioblastoma multiforme tumour progression into the isthmus of the cingulate gyrus. <i>BMJ Case Reports</i> , 2018 , 2018,	0.9	1
38	Hyperthermic Laser Ablation of Recurrent Glioblastoma Leads to Temporary Disruption of the Peritumoral Blood Brain Barrier. <i>PLoS ONE</i> , 2016 , 11, e0148613	3.7	108
37	Laser interstitial thermal therapy in neuro-oncology applications. <i>Surgical Neurology International</i> , 2020 , 11, 231	1	3

36	Ablation dynamics of subsequent thermal doses delivered to previously heat-damaged tissue during magnetic resonance-guided laser-induced thermal therapy. <i>Journal of Neurosurgery</i> , 2018 , 131, 1958-1965	3.2	7
35	Current Role of Laser Interstitial Thermal Therapy in the Treatment of Intracranial Tumors. <i>Journal of Innovative Optical Health Sciences</i> , 2020 , 15, 800-808	1.2	1
34	Role of Laser Interstitial Thermal Therapy in the Management of Primary and Metastatic Brain Tumors. <i>Current Treatment Options in Oncology</i> , 2021 , 22, 108	5.4	4
33	Minimally Invasive Targeted Therapy for Glioblastoma: Laser Interstitial Thermal Therapy. 2016 , 197-2	05	
32	Laser/Light Applications in Neurology and Neurosurgery. 2018, 199-210		
31	Novel Focal Treatment Modalities in Glioma Management. 2019 , 269-279		
30	Brain and Spine Tumors. 2019 , 715-721		
29	Building a LITT Practice. 2020 , 167-175		
28	Resting-State Functional Magnetic Resonance Imaging Networks as a Quantitative Metric for Impact of Neurosurgical Interventions. <i>Frontiers in Neuroscience</i> , 2021 , 15, 665016	5.1	
27	Magnetic Resonance-Guided Laser Interstitial Thermal Therapy: Historical Perspectives and Overview of the Principles of LITT. 2020 , 1-17		
26	Awake Laser Ablation for Patients With Tumors in Eloquent Brain Areas: Operative Technique and Case Series. <i>Cureus</i> , 2020 , 12, e12186	1.2	1
25	The Ethical Dilemma in the Surgical Management of Low Grade Gliomas According to the Variable Availability of Resources and Surgeon Experience. <i>Journal of Innovative Optical Health Sciences</i> , 2020 , 15, 266-271	1.2	1
24	LITT Treatment of High-Grade Gliomas. 2020 , 65-73		
23	Laser Interstitial Thermal Therapy. <i>Missouri Medicine</i> , 2020 , 117, 50-55	0.8	2
22	A phase II study of laser interstitial thermal therapy combined with doxorubicin in patients with recurrent glioblastoma <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab164	0.9	1
21	Advances in local therapy for glioblastoma - taking the fight to the tumour <i>Nature Reviews Neurology</i> , 2022 ,	15	5
20	Efficacy of Laser Interstitial Thermal Therapy (LITT) for Newly Diagnosed and Recurrent IDH Wild-type Glioblastoma. <i>Neuro-Oncology Advances</i> ,	0.9	О
19	Laser Interstitial Thermal Therapy in Grade 2/3 Mutant Gliomas: A Preliminary Report and Literature Review <i>Current Oncology</i> , 2022 , 29, 2550-2563	2.8	1

18	Empirical Studies on Effect of Low-Level Laser Treatment on Glioblastoma Multiforme in Combination with Ag-PMMA-PAA Nanoparticles: Paired Red Region Optical-Property Treatment Platform. <i>Applied Nano</i> , 2022 , 3, 112-125	1	
17	Updates in the Management of Recurrent Glioblastoma Multiforme. Journal of Neurological Surgery, Part A: Central European Neurosurgery,	1.1	1
16	Outcomes and Principles of Patient Selection for Laser Interstitial Thermal Therapy for Metastatic Brain Tumor Management: A Multisite Institutional Case Series. <i>World Neurosurgery</i> , 2022 ,	2.1	O
15	Repeat laser interstitial thermal therapy for recurrent primary and metastatic intracranial tumors. 13, 311		O
14	Laser Interstitial Thermal Therapy for First-Line Treatment of Surgically Accessible Recurrent Glioblastoma: Outcomes Compared With a Surgical Cohort. 2022 , Publish Ahead of Print,		1
13	Robotics in Laser Ablation Procedures. 2022 , 131-140		O
12	Injectable and Repeatable Inductive Heating of Iron Oxide Nanoparticle-Enhanced P HILŒmbolic toward Tumor Treatment. 2022 , 14, 41659-41670		О
11	LITTing up Gliomas- Is the future Bright?. 2022 , 100136		O
10	Laser hyperthermia: Past, present, and future. 2022 , 24, S42-S51		О
9	Surgical cytoreduction of deep-seated high-grade glioma through tubular retractor. 2022 , 1-12		Ο
8	Magnetic Resonance-Guided Laser Interstitial Thermal Therapy for Management of Low-Grade Gliomas and Radiation Necrosis: A Single-Institution Case Series. 2022 , 12, 1627		О
7	Laser interstitial thermal therapy for the treatment of primary and metastatic brain tumors: a systematic review and meta-analysis. 2022 ,		O
6	The Evolution of Laser-Induced Thermal Therapy for the Treatment of Gliomas. 2023, 34, 199-207		О
5	Perspective Chapter: Glioblastoma of the Corpus Callosum.		O
4	The Impact of Extent of Ablation on Survival of Patients With Newly Diagnosed Glioblastoma Treated With Laser Interstitial Thermal Therapy: A Large Single-Institutional Cohort. 2023 , Publish Ahead of Print,		О
3	History of Ablation Therapies in Neurosurgery. 2023 , 34, 193-198		O
2	Persistent Peri-Ablation Blood-Brain Barrier Opening After Laser Interstitial Thermal Therapy for Brain Tumors. 2023 ,		О
1	Laser interstitial thermal therapy (LITT) for pediatric patients affected by intracranial tumors. 14,		O