

# Radiogenomics to characterize regional genetic heterog

Neuro-Oncology

19, 128-137

DOI: [10.1093/neuonc/now135](https://doi.org/10.1093/neuonc/now135)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Volume of high-risk intratumoral subregions at multi-parametric MR imaging predicts overall survival and complements molecular analysis of glioblastoma. <i>European Radiology</i> , 2017, 27, 3583-3592.	2.3	43
2	Improving diagnosis and management of primary brain tumors. <i>Current Opinion in Neurology</i> , 2017, 30, 639-642.	1.8	5
3	Quantitative Imaging System for Cancer Diagnosis and Treatment Planning: An Interdisciplinary Approach. , 2017, , 152-175.		3
4	Radiogenomic Analysis of Oncological Data: A Technical Survey. <i>International Journal of Molecular Sciences</i> , 2017, 18, 805.	1.8	102
5	Advance, Adapt, Achieve. <i>Neurosurgery</i> , 2017, 64, 45-51.	0.6	1
6	An Introduction to Radiomics: An Evolving Cornerstone of Precision Medicine. , 2017, , 223-245.		4
7	Comparison among conventional and advanced MRI, 18F-FDG PET/CT, phenotype and genotype in glioblastoma. <i>Oncotarget</i> , 2017, 8, 91636-91653.	0.8	15
8	Sequencing the next generation of glioblastomas. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 264-282.	2.7	27
9	Diffusion radiomics as a diagnostic model for atypical manifestation of primary central nervous system lymphoma: development and multicenter external validation. <i>Neuro-Oncology</i> , 2018, 20, 1251-1261.	0.6	103
10	Radiomics as a Quantitative Imaging Biomarker: Practical Considerations and the Current Standpoint in Neuro-oncologic Studies. <i>Nuclear Medicine and Molecular Imaging</i> , 2018, 52, 99-108.	0.6	60
11	Computer-aided diagnosis of contrast-enhanced spectral mammography: A feasibility study. <i>European Journal of Radiology</i> , 2018, 98, 207-213.	1.2	57
12	Background, current role, and potential applications of radiogenomics. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 604-620.	1.9	137
13	Computed Tomography-Based Texture Analysis to Determine Human Papillomavirus Status of Oropharyngeal Squamous Cell Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 299-305.	0.5	26
14	Radiogenomics Profiling for Glioblastoma-related Immune Cells Reveals CD49d Expression Correlation with MRI parameters and Prognosis. <i>Scientific Reports</i> , 2018, 8, 16022.	1.6	25
15	Aberrant miRNAs Regulate the Biological Hallmarks of Glioblastoma. <i>NeuroMolecular Medicine</i> , 2018, 20, 452-474.	1.8	18
16	Noninvasive Glioblastoma Testing: Multimodal Approach to Monitoring and Predicting Treatment Response. <i>Disease Markers</i> , 2018, 2018, 1-11.	0.6	34
17	Imaging biomarkers in oncology: Basics and application to MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 13-26.	1.9	39
18	Glioblastoma and primary central nervous system lymphoma: Preoperative differentiation by using MRI-based 3D texture analysis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 173, 84-90.	0.6	38

#	ARTICLE	IF	CITATIONS
19	Challenges in the Treatment of Glioblastoma: Multisystem Mechanisms of Therapeutic Resistance. <i>World Neurosurgery</i> , 2018, 116, 505-517.	0.7	105
20	Non-invasive tumor genotyping using radiogenomic biomarkers, a systematic review and oncology-wide pathway analysis. <i>Oncotarget</i> , 2018, 9, 20134-20155.	0.8	46
21	Molecular profiles of tumor contrast enhancement: A radiogenomic analysis in anaplastic gliomas. <i>Cancer Medicine</i> , 2018, 7, 4273-4283.	1.3	9
22	Lesion location implemented magnetic resonance imaging radiomics for predicting IDH and TERT promoter mutations in grade II/III gliomas. <i>Scientific Reports</i> , 2018, 8, 11773.	1.6	88
23	Integration of machine learning and mechanistic models accurately predicts variation in cell density of glioblastoma using multiparametric MRI. <i>Scientific Reports</i> , 2019, 9, 10063.	1.6	59
24	MRI radiomic features are associated with survival in melanoma brain metastases treated with immune checkpoint inhibitors. <i>Neuro-Oncology</i> , 2019, 21, 1578-1586.	0.6	42
25	Application of Radiomics in Central Nervous System Diseases: a Systematic literature review. <i>Clinical Neurology and Neurosurgery</i> , 2019, 187, 105565.	0.6	23
26	Radiomics Analysis for Glioma Malignancy Evaluation Using Diffusion Kurtosis and Tensor Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 784-791.	0.4	28
27	Homotopic region connectivity during concussion recovery: A longitudinal fMRI study. <i>PLoS ONE</i> , 2019, 14, e0221892.	1.1	12
28	Optimizing Neuro-Oncology Imaging: A Review of Deep Learning Approaches for Glioma Imaging. <i>Cancers</i> , 2019, 11, 829.	1.7	75
29	Radiogenomic analysis of PTEN mutation in glioblastoma using preoperative multi-parametric magnetic resonance imaging. <i>Neuroradiology</i> , 2019, 61, 1229-1237.	1.1	21
30	Multiparameter MRI Predictors of Long-Term Survival in Glioblastoma Multiforme. <i>Tomography</i> , 2019, 5, 135-144.	0.8	28
31	The 2019 mathematical oncology roadmap. <i>Physical Biology</i> , 2019, 16, 041005.	0.8	147
32	Machine learning based radiogenomics analysis of MRI features and metagenes in glioblastoma multiforme patients with different survival time. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4375-4385.	1.6	38
33	Radiogenomics: bridging imaging and genomics. <i>Abdominal Radiology</i> , 2019, 44, 1960-1984.	1.0	202
34	Accurate Patient-Specific Machine Learning Models of Glioblastoma Invasion Using Transfer Learning. <i>American Journal of Neuroradiology</i> , 2019, 40, 418-425.	1.2	19
35	Evolutionary Trajectories of IDHWT Glioblastomas Reveal a Common Path of Early Tumorigenesis Instigated Years ahead of Initial Diagnosis. <i>Cancer Cell</i> , 2019, 35, 692-704.e12.	7.7	172
36	Prediction of IDH1 Mutation Status in Glioblastoma Using Machine Learning Technique Based on Quantitative Radiomic Data. <i>World Neurosurgery</i> , 2019, 125, e688-e696.	0.7	31

#	ARTICLE	IF	CITATIONS
37	Prediction of IDH and TERT promoter mutations in low-grade glioma from magnetic resonance images using a convolutional neural network. <i>Scientific Reports</i> , 2019, 9, 20311.	1.6	45
38	Commentary: Radiological Characteristics and Natural History of Adult IDH-Wild-Type Astrocytomas With TERT Promoter Mutations. <i>Neurosurgery</i> , 2019, 85, E457-E458.	0.6	0
39	Brain MR Radiomics to Differentiate Cognitive Disorders. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 210-219.	0.9	22
40	MR Imaging-Based Radiomic Signatures of Distinct Molecular Subgroups of Medulloblastoma. <i>American Journal of Neuroradiology</i> , 2019, 40, 154-161.	1.2	87
41	Novel Radiomic Features Based on Joint Intensity Matrices for Predicting Glioblastoma Patient Survival Time. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 795-804.	3.9	65
42	Inhibition of Metabolic Shift can Decrease Therapy Resistance in Human High-Grade Glioma Cells. <i>Pathology and Oncology Research</i> , 2020, 26, 23-33.	0.9	15
43	Quality of science and reporting of radiomics in oncologic studies: room for improvement according to radiomics quality score and TRIPOD statement. <i>European Radiology</i> , 2020, 30, 523-536.	2.3	178
45	Imaging signatures of glioblastoma molecular characteristics: A radiogenomics review. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 54-69.	1.9	61
46	A systematic review reporting quality of radiomics research in neuro-oncology: toward clinical utility and quality improvement using high-dimensional imaging features. <i>BMC Cancer</i> , 2020, 20, 29.	1.1	82
48	Automatic Prediction of MGMT Status in Glioblastoma via Deep Learning-Based MR Image Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	23
49	Nanomedicine Revisited: Next Generation Therapies for Brain Cancer. <i>Advanced Therapeutics</i> , 2020, 3, 2000118.	1.6	14
50	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. <i>European Radiology</i> , 2020, 30, 6464-6474.	2.3	8
51	Survival-relevant high-risk subregion identification for glioblastoma patients: the MRI-based multiple instance learning approach. <i>European Radiology</i> , 2020, 30, 5602-5610.	2.3	16
52	Tumor Cell Invasion in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1932.	1.8	154
53	Combining molecular and imaging metrics in cancer: radiogenomics. <i>Insights Into Imaging</i> , 2020, 11, 1.	1.6	150
54	Radiomics prognostication model in glioblastoma using diffusion- and perfusion-weighted MRI. <i>Scientific Reports</i> , 2020, 10, 4250.	1.6	50
55	PET/MRI and genetic intrapatient heterogeneity in head and neck cancers. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 542-551.	1.0	8
56	Multi-Habitat Radiomics Unravels Distinct Phenotypic Subtypes of Glioblastoma with Clinical and Genomic Significance. <i>Cancers</i> , 2020, 12, 1707.	1.7	18

#	ARTICLE	IF	CITATIONS
57	Imaging of intratumoral heterogeneity in high-grade glioma. <i>Cancer Letters</i> , 2020, 477, 97-106.	3.2	66
58	Discovering and interpreting transcriptomic drivers of imaging traits using neural networks. <i>Bioinformatics</i> , 2020, 36, 3537-3548.	1.8	6
59	From cells to tissue: How cell scale heterogeneity impacts glioblastoma growth and treatment response. <i>PLoS Computational Biology</i> , 2020, 16, e1007672.	1.5	35
60	Radiogenomic-Based Survival Risk Stratification of Tumor Habitat on Gd-T1w MRI Is Associated with Biological Processes in Glioblastoma. <i>Clinical Cancer Research</i> , 2020, 26, 1866-1876.	3.2	67
61	Applications of cerebrospinal fluid circulating tumor DNA in the diagnosis of gliomas. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 325-332.	0.6	26
62	Performance of Standardized Relative CBV for Quantifying Regional Histologic Tumor Burden in Recurrent High-Grade Glioma: Comparison against Normalized Relative CBV Using Image-Localized Stereotactic Biopsies. <i>American Journal of Neuroradiology</i> , 2020, 41, 408-415.	1.2	21
63	The Practical Application of Emerging Technologies Influencing the Diagnosis and Care of Patients With Primary Brain Tumors. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2020, 40, e35-e46.	1.8	5
64	Roadmap for the clinical integration of radiomics in neuro-oncology. <i>Neuro-Oncology</i> , 2020, 22, 743-745.	0.6	5
65	Discrimination between Glioblastoma and Solitary Brain Metastasis: Comparison of Inflow-Based Vascular-Space-Occupancy and Dynamic Susceptibility Contrast MR Imaging. <i>American Journal of Neuroradiology</i> , 2020, 41, 583-590.	1.2	13
66	Advancing Imaging to Enhance Surgery. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 31-46.	0.8	7
67	Analyzing magnetic resonance imaging data from glioma patients using deep learning. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101828.	3.5	23
69	Conventional and advanced imaging throughout the cycle of care of gliomas. <i>Neurosurgical Review</i> , 2021, 44, 2493-2509.	1.2	3
71	Reverse Engineering Glioma Radiomics to Conventional Neuroimaging. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 505-514.	1.0	1
72	Pre- and Post-Treatment Imaging of Primary Central Nervous System Tumors in the Molecular and Genetic Era. <i>Korean Journal of Radiology</i> , 2021, 22, 1858-1874.	1.5	4
73	Understanding the Role of Plasticity in Glioblastoma. , 2021, , .		0
74	Knowledge-Infused Global-Local Data Fusion for Spatial Predictive Modeling in Precision Medicine. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 2203-2215.	3.4	5
75	Prognostic and Predictive Value of Integrated Qualitative and Quantitative Magnetic Resonance Imaging Analysis in Glioblastoma. <i>Cancers</i> , 2021, 13, 722.	1.7	24
76	Uncertainty quantification in the radiogenomics modeling of EGFR amplification in glioblastoma. <i>Scientific Reports</i> , 2021, 11, 3932.	1.6	14

#	ARTICLE	IF	CITATIONS
77	Tumor Heterogeneity in Glioblastomas: From Light Microscopy to Molecular Pathology. <i>Cancers</i> , 2021, 13, 761.	1.7	68
78	Advanced imaging techniques for neuro-oncologic tumor diagnosis, with an emphasis on PET-MRI imaging of malignant brain tumors. <i>Current Oncology Reports</i> , 2021, 23, 34.	1.8	48
79	Organoid Models of Glioblastoma and Their Role in Drug Discovery. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 605255.	1.8	31
80	Survival prediction in glioblastoma on post-contrast magnetic resonance imaging using filtration based first-order texture analysis: Comparison of multiple machine learning models. <i>Neuroradiology Journal</i> , 2021, 34, 355-362.	0.6	13
81	Imaging genomics for accurate diagnosis and treatment of tumors: A cutting edge overview. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111173.	2.5	9
82	Machine Learning for the Prediction of Molecular Markers in Glioma on Magnetic Resonance Imaging: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2021, 89, 31-44.	0.6	42
84	Radiogenomics of Gliomas. <i>Radiologic Clinics of North America</i> , 2021, 59, 441-455.	0.9	7
85	Radiomics and radiogenomics in gliomas: a contemporary update. <i>British Journal of Cancer</i> , 2021, 125, 641-657.	2.9	97
86	Identification of magnetic resonance imaging features for the prediction of molecular profiles of newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2021, 154, 83-92.	1.4	8
87	Machine learning applications to neuroimaging for glioma detection and classification: An artificial intelligence augmented systematic review. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 177-198.	0.8	49
88	Imaging-Genomics in Glioblastoma: Combining Molecular and Imaging Signatures. <i>Frontiers in Oncology</i> , 2021, 11, 699265.	1.3	11
89	Deciphering the glioblastoma phenotype by computed tomography radiomics. <i>Radiotherapy and Oncology</i> , 2021, 160, 132-139.	0.3	9
91	Early stage glioblastoma: retrospective multicentric analysis of clinical and radiological features. <i>Radiologia Medica</i> , 2021, 126, 1468-1476.	4.7	9
92	Challenges and opportunities for artificial intelligence in oncological imaging. <i>Clinical Radiology</i> , 2021, 76, 728-736.	0.5	20
93	Identification of glioblastoma molecular subtype and prognosis based on deep MRI features. <i>Knowledge-Based Systems</i> , 2021, 232, 107490.	4.0	13
94	The Era of Radiogenomics in Precision Medicine: An Emerging Approach to Support Diagnosis, Treatment Decisions, and Prognostication in Oncology. <i>Frontiers in Oncology</i> , 2020, 10, 570465.	1.3	60
95	Advanced Physiologic Imaging: Perfusion Theory and Applications. , 2020, , 61-91.		3
96	Image-Guided Radiooncology: The Potential of Radiomics in Clinical Application. <i>Recent Results in Cancer Research</i> , 2020, 216, 773-794.	1.8	19

#	ARTICLE	IF	CITATIONS
97	Prediction of survival with multi-scale radiomic analysis in glioblastoma patients. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 2287-2300.	1.6	69
98	Cancer genome landscape: a radiologist's guide to cancer genome medicine with imaging correlates. <i>Insights Into Imaging</i> , 2019, 10, 111.	1.6	3
99	Radiomic Features of Multiparametric MRI Present Stable Associations with Analogous Histological Features in Patients with Brain Cancer. <i>Tomography</i> , 2020, 6, 160-169.	0.8	25
100	Spatial habitats from multiparametric MR imaging are associated with signaling pathway activities and survival in glioblastoma. <i>Oncotarget</i> , 2017, 8, 112992-113001.	0.8	21
101	New extracellular factors in glioblastoma multiforme development: neurotensin, growth differentiation factor-15, sphingosine-1-phosphate and cytomegalovirus infection. <i>Oncotarget</i> , 2018, 9, 7219-7270.	0.8	16
102	Discernable differences in the genetic and molecular profile of cerebellar glioblastoma. <i>Translational Cancer Research</i> , 2019, 8, S553-S558.	0.4	3
103	Radiomics and imaging genomics in precision medicine. <i>Precision and Future Medicine</i> , 2017, 1, 10-31.	0.5	24
104	Molecular and cellular intratumoral heterogeneity in primary glioblastoma: clinical and translational implications. <i>Journal of Neurosurgery</i> , 2020, 133, 655-663.	0.9	44
105	Radiomics and Deep Learning from Research to Clinical Workflow: Neuro-Oncologic Imaging. <i>Korean Journal of Radiology</i> , 2020, 21, 1126.	1.5	25
106	Identifying the spatial and temporal dynamics of molecularly-distinct glioblastoma sub-populations. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 4905-4941.	1.0	7
107	Radiomics-based prediction of multiple gene alteration incorporating mutual genetic information in glioblastoma and grade 4 astrocytoma, IDH-mutant. <i>Journal of Neuro-Oncology</i> , 2021, 155, 267-276.	1.4	10
108	Current Advances and Challenges in Radiomics of Brain Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 732196.	1.3	21
109	Evolving Role and Translation of Radiomics and Radiogenomics in Adult and Pediatric Neuro-Oncology. <i>American Journal of Neuroradiology</i> , 2022, 43, 792-801.	1.2	10
110	Radiogenomics Map Reveals the Landscape of m6A Methylation Modification Pattern in Bladder Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 722642.	2.2	27
111	Radiographic-Deformation and Textural Heterogeneity (r-DepTH): An Integrated Descriptor for Brain Tumor Prognosis. <i>Lecture Notes in Computer Science</i> , 2017, , 459-467.	1.0	7
113	Radio-iBAG: Radiomics-based integrative Bayesian analysis of multiplatform genomic data. <i>Annals of Applied Statistics</i> , 2019, 13, 1957-1988.	0.5	4
114	Imaging Genomics. , 2020, , 223-239.		0
115	The Relationship Between Biological and Imaging Characteristics in Enhancing and Nonenhancing Glioma. , 2020, , 31-48.		1

#	ARTICLE	IF	CITATIONS
116	Opportunities and Advances in Radiomics and Radiogenomics in Neuro-Oncology. Lecture Notes in Computer Science, 2020, , 12-23.	1.0	0
118	Current Applications and Future Perspectives of Brain Tumor Imaging. Journal of the Korean Society of Radiology, 2020, 81, 467.	0.1	1
119	Applications of Quantitative Perfusion and Permeability in the Brain. Advances in Magnetic Resonance Technology and Applications, 2020, 1, 369-403.	0.0	0
121	MRI Morphometry in Brain Tumors: Challenges and Opportunities in Expert, Radiomic, and Deep-Learning-Based Analyses. Neuromethods, 2021, , 323-368.	0.2	3
123	AI and High-Grade Glioma for Diagnosis and Outcome Prediction: Do All Machine Learning Models Perform Equally Well?. Frontiers in Oncology, 2021, 11, 601425.	1.3	22
124	Advanced Imaging Techniques for Newly Diagnosed and Recurrent Gliomas. Frontiers in Neuroscience, 2022, 16, 787755.	1.4	18
126	Radiogenomic Predictors of Recurrence in Glioblastoma—A Systematic Review. Journal of Personalized Medicine, 2022, 12, 402.	1.1	5
127	Comparison of machine learning classifiers to predict patient survival and genetics of GBM: towards a standardized model for clinical implementation. Physica Medica, 2021, 92, S14.	0.4	0
128	Advanced MRI Protocols to Discriminate Glioma From Treatment Effects: State of the Art and Future Directions. Frontiers in Radiology, 2022, 2, .	1.2	5
129	Artificial Intelligence in Neuro-Oncologic Imaging: A Brief Review for Clinical Use Cases and Future Perspectives. Brain Tumor Research and Treatment, 2022, 10, 69.	0.4	3
130	Weakly Supervised Skull Stripping of Magnetic Resonance Imaging of Brain Tumor Patients. , 2022, 1, .		2
131	Radiomics Model for Predicting TP53 Status Using CT and Machine Learning Approach in Laryngeal Squamous Cell Carcinoma. Frontiers in Oncology, 2022, 12, 823428.	1.3	7
132	A Comprehensive Survey on Brain Tumor Diagnosis Using Deep Learning and Emerging Hybrid Techniques with Multi-modal MR Image. Archives of Computational Methods in Engineering, 2022, 29, 4871-4896.	6.0	16
133	Preoperative Diagnosis and Molecular Characterization of Gliomas With Liquid Biopsy and Radiogenomics. Frontiers in Neurology, 2022, 13, .	1.1	13
134	Comprehensive Analyses of Ferroptosis-Related Alterations and Their Prognostic Significance in Glioblastoma. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	9
135	Role of Artificial Intelligence in Radiogenomics for Cancers in the Era of Precision Medicine. Cancers, 2022, 14, 2860.	1.7	38
136	Differentiation of malignant brain tumor types using intratumoral and peritumoral radiomic features. Frontiers in Oncology, 0, 12, .	1.3	3
137	Basic premises: searching for new targets and strategies in diffuse gliomas. Clinical and Translational Imaging, 0, , .	1.1	2



#	ARTICLE	IF	CITATIONS
138	Noninvasive Evaluation of the Notch Signaling Pathway via Radiomic Signatures Based on Multiparametric MRI in Association With Biological Functions of Patients With Glioma: A Multi-Institutional Study. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 884-896.	1.9	3
139	End-to-End Evidential-Efficient Net for Radiomics Analysis of Brain MRI to Predict Oncogene Expression and Overall Survival. <i>Lecture Notes in Computer Science</i> , 2022, , 282-291.	1.0	2
140	The feasibility of MRI texture analysis in distinguishing glioblastoma, anaplastic astrocytoma and anaplastic oligodendroglioma. <i>Translational Cancer Research</i> , 2021, .	0.4	0
141	Robust coupled tensor decomposition and feature extraction for multimodal medical data. <i>IIEE Transactions on Healthcare Systems Engineering</i> , 2023, 13, 117-131.	1.2	0
143	Assessment and prediction of glioblastoma therapy response: challenges and opportunities. <i>Brain</i> , 2023, 146, 1281-1298.	3.7	3
144	The LUMIERE dataset: Longitudinal Glioblastoma MRI with expert RANO evaluation. <i>Scientific Data</i> , 2022, 9, .	2.4	4
145	Beyond Imaging and Genetic Signature in Glioblastoma: Radiogenomic Holistic Approach in Neuro-Oncology. <i>Biomedicines</i> , 2022, 10, 3205.	1.4	2
146	Predicting glioblastoma molecular subtypes and prognosis with a multimodal model integrating convolutional neural network, radiomics, and semantics. <i>Journal of Neurosurgery</i> , 2022, , 1-10.	0.9	2
147	Quantification of Radiomics features of Peritumoral Vasogenic Edema extracted from fluid-attenuated inversion recovery images in glioblastoma and isolated brain metastasis, using T1-dynamic contrast-enhanced Perfusion analysis. <i>NMR in Biomedicine</i> , 2023, 36, .	1.6	2
149	Imaging genomics: data fusion in uncovering disease heritability. <i>Trends in Molecular Medicine</i> , 2023, 29, 141-151.	3.5	3
150	AI-Enhanced Digital Pathology and Radiogenomics in Precision Oncology. , 2023, , 93-113.		1
152	Imaging the WHO 2021 Brain Tumor Classification: Fully Automated Analysis of Imaging Features of Newly Diagnosed Gliomas. <i>Cancers</i> , 2023, 15, 2355.	1.7	1
154	Radiomics and Radiogenomics in Glioma. , 2023, , 1313-1321.		0
155	The role of radiogenomics. , 2023, , 187-206.		1
163	Phenomic Imaging. <i>Phenomics</i> , 2023, 3, 597-612.	0.9	1