Leland S Hu

List of Publications by Year
in descending order

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40	1,711	516710 16	377865 34
papers	citations	h-index	g-index

49	49	49	2700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Is the bloodâ€“brain barrier really disrupted in all glioblastomas? A critical assessment of existing clinical data. Neuro-Oncology, 2018, 20, 184-191.	1.2	443
2	Reevaluating the imaging definition of tumor progression: perfusion MRI quantifies recurrent glioblastoma tumor fraction, pseudoprogression, and radiation necrosis to predict survival. Neuro-Oncology, 2012, 14, 919-930.	1.2	188
3	Radiogenomics to characterize regional genetic heterogeneity in glioblastoma. Neuro-Oncology, 2017, 19, 128-137.	1.2	170
4	Biopsy validation of 18F-DOPA PET and biodistribution in gliomas for neurosurgical planning and radiotherapy target delineation: results of a prospective pilot study. Neuro-Oncology, 2013, 15, 1058-1067.	1.2	163
5	Consensus recommendations for a dynamic susceptibility contrast MRI protocol for use in high-grade gliomas. Neuro-Oncology, 2020, 22, 1262-1275.	1.2	109
6	Multi-Parametric MRI and Texture Analysis to Visualize Spatial Histologic Heterogeneity and Tumor Extent in Glioblastoma. PLoS ONE, 2015, 10, e0141506.	2.5	104
7	Consensus recommendations for MRI and PET imaging of primary central nervous system lymphoma: guideline statement from the International Primary CNS Lymphoma Collaborative Group (IPCG). Neuro-Oncology, 2021, 23, 1056-1071.	1.2	68
8	Imaging of intratumoral heterogeneity in high-grade glioma. Cancer Letters, 2020, 477, 97-106.	7.2	66
9	Integration of machine learning and mechanistic models accurately predicts variation in cell density of glioblastoma using multiparametric MRI. Scientific Reports, 2019, 9, 10063.	3.3	59
10	Brain metastases: A Society for Neuro-Oncology (SNO) consensus review on current management and future directions. Neuro-Oncology, 2022, 24, 1613-1646.	1.2	39
11	Sex differences in health and disease: A review of biological sex differences relevant to cancer with a spotlight on glioma. Cancer Letters, 2021, 498, 178-187.	7.2	30
12	Neuroimaging abnormalities in patients with Cowden syndrome. Neurology: Clinical Practice, 2018, 8, 207-213.	1.6	25
13	Evaluating Multisite rCBV Consistency from DSC-MRI Imaging Protocols and Postprocessing Software Across the NCI Quantitative Imaging Network Sites Using a Digital Reference Object (DRO). Tomography, 2019, 5, 110-117.	1.8	25
14	MR findings of complicated multifetal gestations. Pediatric Radiology, 2005, 36, 76-81.	2.0	23
15	Sex-specific impact of patterns of imageable tumor growth on survival of primary glioblastoma patients. BMC Cancer, 2020, 20, 447.	2.6	20
16	Characterizing the Influence of Preload Dosing on Percent Signal Recovery (PSR) and Cerebral Blood Volume (CBV) Measurements in a Patient Population with High-Grade Glioma Using Dynamic Susceptibility Contrast MRI. Tomography, 2017, 3, 89-95.	1.8	20
17	A Deep Convolutional Neural Network for Annotation of Magnetic Resonance Imaging Sequence Type. Journal of Digital Imaging, 2020, 33, 439-446.	2.9	19
18	Uncertainty quantification in the radiogenomics modeling of EGFR amplification in glioblastoma. Scientific Reports, 2021, 11, 3932.	3.3	14

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19	Updated Imaging Features of Dysplastic Cerebellar Gangliocytoma. Journal of Computer Assisted Tomography, 2019, 43, 277-281.	0.9	13
20	Evaluation of single bolus, dual-echo dynamic susceptibility contrast MRI protocols in brain tumor patients. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2110395.	4.3	12
21	Evaluating the Use of rCBV as a Tumor Grade and Treatment Response Classifier Across NCI Quantitative Imaging Network Sites: Part II of the DSC-MRI Digital Reference Object (DRO) Challenge. Tomography, 2020, 6, 203-208.	1.8	12
22	Assessment of Prognostic Value of Cystic Features in Glioblastoma Relative to Sex and Treatment With Standard-of-Care. Frontiers in Oncology, 2020, 10, 580750.	2.8	11
23	Shape matters: morphological metrics of glioblastoma imaging abnormalities as biomarkers of prognosis. Scientific Reports, 2021, 11, 23202.	3.3	11
24	Image-based metric of invasiveness predicts response to adjuvant temozolomide for primary glioblastoma. PLoS ONE, 2020, 15, e0230492.	2.5	10
25	Dynamic Susceptibility Contrast-MRI Quantification Software Tool: Development and Evaluation. Tomography, 2016, 2, 448-456.	1.8	7
26	Identifying the spatial and temporal dynamics of molecularly-distinct glioblastoma sub-populations. Mathematical Biosciences and Engineering, 2020, 17, 4905-4941.	1.9	7
27	Determination of posterolateral oropharyngeal wall thickness and the potential implications for transoral surgical margins in tonsil cancer. Head and Neck, 2021, 43, 2185-2192.	2.0	6
28	The Practical Application of Emerging Technologies Influencing the Diagnosis and Care of Patients With Primary Brain Tumors. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2020, 40, e35-e46.	3.8	5
29	Roadmap for the clinical integration of radiomics in neuro-oncology. Neuro-Oncology, 2020, 22, 743-745.	1.2	5
30	Knowledge-Infused Global-Local Data Fusion for Spatial Predictive Modeling in Precision Medicine. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2203-2215.	5.2	5
31	The Alliance AMBUSH Trial: Rationale and Design. Cancers, 2022, 14, 414.	3.7	5
32	Advanced MRI Protocols to Discriminate Glioma From Treatment Effects: State of the Art and Future Directions. Frontiers in Radiology, 2022, 2, .	2.0	5
33	ENvironmental Dynamics Underlying Responsive Extreme Survivors (ENDURES) of Glioblastoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2019, 42, 655-661.	1.3	3
34	Weakly Supervised Skull Stripping of Magnetic Resonance Imaging of Brain Tumor Patients. , 2022, 1, .		2
35	Days gained response discriminates treatment response in patients with recurrent glioblastoma receiving bevacizumab-based therapies. Neuro-Oncology Advances, 2020, 2, vdaa085.	0.7	1
36	Design and Verification of Novel Low-Cost MR-Guided Small-Animal Stereotactic System. Journal of Medical and Biological Engineering, 2016, 36, 526-535.	1.8	0

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37	Title is missing!. , 2020, 15, e0230492.		0
38	Title is missing!. , 2020, 15, e0230492.		0
39	Title is missing!. , 2020, 15, e0230492.		0
40	Title is missing!. , 2020, 15, e0230492.		0