

Mark S Shiroishi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3076083/publications.pdf>

Version: 2024-02-01

47
papers

1,599
citations

430874

18
h-index

315739

38
g-index

47
all docs

47
docs citations

47
times ranked

4121
citing authors

#	ARTICLE	IF	CITATIONS
1	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
2	Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e101-e121.	3.4	241
3	Principles of T ₂ *-weighted dynamic susceptibility contrast MRI technique in brain tumor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 296-313.	3.4	112
4	Clinical Applications of Diffusion Tensor Imaging. <i>World Neurosurgery</i> , 2014, 82, 96-109.	1.3	102
5	Physiologic MRI for assessment of response to therapy and prognosis in glioblastoma. <i>Neuro-Oncology</i> , 2016, 18, 467-478.	1.2	67
6	Posterior Reversible Encephalopathy Syndrome (PRES): Pathophysiology and Neuro-Imaging. <i>Frontiers in Neurology</i> , 2020, 11, 463.	2.4	60
7	Advanced Imaging of Intracranial Meningiomas. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 137-143.	1.7	55
8	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	3.6	54
9	The use of inhaled antibiotic therapy in the treatment of ventilator-associated pneumonia and tracheobronchitis: a systematic review. <i>BMC Pulmonary Medicine</i> , 2016, 16, 40.	2.0	43
10	Dynamic Susceptibility Contrast MR Imaging in Glioma. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 649-670.	1.1	43
11	Predicting Meningioma Consistency on Preoperative Neuroimaging Studies. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 145-154.	1.7	37
12	A Pilot Genome-Scale Profiling of DNA Methylation in Sporadic Pituitary Macroadenomas: Association with Tumor Invasion and Histopathological Subtype. <i>PLoS ONE</i> , 2014, 9, e96178.	2.5	36
13	Retrograde Transvenous Neuroperfusion: A Back Door Treatment for Stroke. <i>Stroke</i> , 1998, 29, 1912-1916.	2.0	33
14	Improved Glioma Grading Using Deep Convolutional Neural Networks. <i>American Journal of Neuroradiology</i> , 2021, 42, 233-239.	2.4	29
15	High-resolution whole-brain DCE-MRI using constrained reconstruction: Prospective clinical evaluation in brain tumor patients. <i>Medical Physics</i> , 2016, 43, 2013-2023.	3.0	28
16	Headache and Brain Tumor. <i>Neuroimaging Clinics of North America</i> , 2019, 29, 291-300.	1.0	27
17	Lymphomatosis cerebri: a rare variant of primary central nervous system lymphoma and MR imaging features. <i>Cancer Imaging</i> , 2017, 17, 26.	2.8	24
18	Permeability imaging as a predictor of delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 973-979.	4.3	24

#	ARTICLE	IF	CITATIONS
19	Ultra-high field magnetic resonance imaging for localization of corticotropin-secreting pituitary adenomas. <i>Neuroradiology</i> , 2020, 62, 1051-1054.	2.2	23
20	Development and clinical validation of a grading system for pituitary adenoma consistency. <i>Journal of Neurosurgery</i> , 2021, 134, 1800-1807.	1.6	21
21	Impact of tumor characteristics and pre- and postoperative hormone levels on hormonal remission following endoscopic transsphenoidal surgery in patients with acromegaly. <i>Neurosurgical Focus</i> , 2020, 48, E10.	2.3	19
22	Treatment strategies for giant pituitary adenomas in the era of endoscopic transsphenoidal surgery: a multicenter series. <i>Journal of Neurosurgery</i> , 2022, 136, 776-785.	1.6	16
23	Advanced ADC Histogram, Perfusion, and Permeability Metrics Show an Association with Survival and Pseudoprogression in Newly Diagnosed Diffuse Intrinsic Pontine Glioma: A Report from the Pediatric Brain Tumor Consortium. <i>American Journal of Neuroradiology</i> , 2020, 41, 718-724.	2.4	14
24	Value of pituitary gland MRI at 7 T in Cushing's disease and relationship to inferior petrosal sinus sampling: case report. <i>Journal of Neurosurgery</i> , 2019, 130, 347-351.	1.6	13
25	A pilot study of pre-operative motor dysfunction from gliomas in the region of corticospinal tract: Evaluation with diffusion tensor imaging. <i>PLoS ONE</i> , 2017, 12, e0182795.	2.5	13
26	Pituitary Apoplexy Case Series: Outcomes After Endoscopic Endonasal Transsphenoidal Surgery at a Single Tertiary Center. <i>World Neurosurgery</i> , 2020, 137, e366-e372.	1.3	12
27	Posttreatment Evaluation of Central Nervous System Gliomas. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2013, 21, 241-268.	1.1	11
28	Multimodal Magnetic Resonance Imaging Evaluation of Primary Brain Tumors. <i>Seminars in Oncology</i> , 2014, 41, 478-495.	2.2	10
29	Concurrent Intracranial and Spinal Subdural Hematoma in a Teenage Athlete: A Case Report of This Rare Entity. <i>Case Reports in Radiology</i> , 2014, 2014, 1-5.	0.3	9
30	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e025109.	3.7	8
31	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcb254.	3.3	7
32	Mental Illness Is Not Associated with Adherence to Colorectal Cancer Screening: Results from the California Health Interview Survey. <i>Digestive Diseases and Sciences</i> , 2017, 62, 224-234.	2.3	6
33	Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, i.	3.4	5
34	Differential Clinical Presentation, Intraoperative Management Strategies, and Surgical Outcomes After Endoscopic Endonasal Treatment of Cystic Sellar Masses. <i>World Neurosurgery</i> , 2020, 133, e241-e251.	1.3	5
35	Safety and Effectiveness of the Direct Endoscopic Endonasal Approach for Primary Sellar Pathology: A Contemporary Case Series of More Than 400 Patients. <i>World Neurosurgery</i> , 2021, 148, e536-e546.	1.3	5
36	Diffusion restriction in a non-enhancing metastatic brain tumor treated with bevacizumab – recurrent tumor or atypical necrosis?. <i>Clinical Imaging</i> , 2014, 38, 724-726.	1.5	4

#	ARTICLE	IF	CITATIONS
37	5-Aminolevulinic acid-enhanced fluorescence-guided treatment of high-grade glioma using angled endoscopic blue light visualization: technical case series with preliminary follow-up. <i>Journal of Neurosurgery</i> , 2022, 137, 1378-1386.	1.6	4
38	Repeatability of tumor perfusion kinetics from dynamic contrast-enhanced MRI in glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab174.	0.7	3
39	Design and development of an ethnically-diverse imaging informatics-based eFolder system for multiple sclerosis patients. <i>Computerized Medical Imaging and Graphics</i> , 2015, 46, 257-268.	5.8	2
40	Bilateral arachnoid cyst-associated subdural fluid collections in an infant following TBI. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021, 81, 102189.	1.0	2
41	Growth hormone secreting pituitary adenomas show distinct extrasellar extension patterns compared to nonfunctional pituitary adenomas. <i>Pituitary</i> , 2022, 25, 480-485.	2.9	2
42	Voxelwise Prediction of Recurrent High-Grade Glioma via Proximity Estimation-Coupled Multidimensional Support Vector Machine. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1279-1287.	0.8	2
43	Association between socioeconomic status and presenting characteristics and extent of disease in patients with surgically resected nonfunctioning pituitary adenoma. <i>Journal of Neurosurgery</i> , 2022, , 1-8.	1.6	2
44	Ultra-high field 7 T MRI localizes regional brain volume recovery following corticotroph adenoma resection and hormonal remission in Cushing's disease: A case series. , 0, 13, 239.		1
45	Predictive Accuracy of MRI in Differentiation of Cystic Sellar Masses. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
46	MON-319 Impact of Tumor Characteristics and Preoperative IGF-1 Levels on Postoperative Hormonal Remission Following Endoscopic Transsphenoidal Surgery in Patients with Acromegaly: A Single-Surgeon Series. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0
47	MeTiS: a modular pipeline for extracting 3D-printable brain-surface models from conventional and ultra-high field MRI. <i>Journal of 3D Printing in Medicine</i> , 0, , .	2.0	0