

John W Rutland

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Emerging Use of Ultra-High-Field 7T MRI in the Study of Intracranial Vascularity: State of the Field and Future Directions. <i>American Journal of Neuroradiology</i> , 2020, 41, 2-9.	2.4	32
2	Pituitary adenoma consistency: Direct correlation of ultrahigh field 7T MRI with histopathological analysis. <i>European Journal of Radiology</i> , 2020, 126, 108931.	2.6	23
3	Analysis of 7-tesla diffusion-weighted imaging in the prediction of pituitary macroadenoma consistency. <i>Journal of Neurosurgery</i> , 2021, 134, 771-779.	1.6	18
4	Subfield-specific tractography of the hippocampus in epilepsy patients at 7 Tesla. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 62, 3-10.	2.0	17
5	Quantitative assessment of secondary white matter injury in the visual pathway by pituitary adenomas: a multimodal study at 7-Tesla MRI. <i>Journal of Neurosurgery</i> , 2020, 132, 333-342.	1.6	16
6	The Expanding Role of Geometric Morphometrics in Craniofacial Surgery. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 1104-1109.	0.7	15
7	SWI/SNF chromatin remodeling complex alterations in meningioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3431-3440.	2.5	15
8	Comparative genomic analysis of driver mutations in matched primary and recurrent meningiomas. <i>Oncotarget</i> , 2019, 10, 3506-3517.	1.8	15
9	Hippocampal subfield-specific connectivity findings in major depressive disorder: A 7 Tesla diffusion MRI study. <i>Journal of Psychiatric Research</i> , 2019, 111, 186-192.	3.1	14
10	Preoperative and Histological Predictors of Recurrence and Survival in Atypical Meningioma After Initial Gross Total Resection. <i>World Neurosurgery</i> , 2019, 128, e148-e156.	1.3	13
11	Reappraising the Tolosa-Hunt Syndrome Diagnostic Criteria: A Case Series. <i>Headache</i> , 2020, 60, 259-264.	3.9	13
12	Peritumoral edema correlates with mutational burden in meningiomas. <i>Neuroradiology</i> , 2021, 63, 73-80.	2.2	13
13	NF2 mutation status and tumor mutational burden correlate with immune cell infiltration in meningiomas. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 169-176.	4.2	12
14	Ultra-High-Resolution Imaging of Amygdala Subnuclei Structural Connectivity in Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 184-193.	1.5	11
15	Cochlear Implantation in Meniere's Disease: A Systematic Review and Meta-Analysis. <i>Laryngoscope</i> , 2021, 131, 1845-1854.	2.0	11
16	Recurrent IDH mutations in high-grade meningioma. <i>Neuro-Oncology</i> , 2020, 22, 1044-1045.	1.2	10
17	Tumor T2 signal intensity and stalk angulation correlates with endocrine status in pituitary adenoma patients: a quantitative 7-Tesla MRI study. <i>Neuroradiology</i> , 2020, 62, 473-482.	2.2	10
18	Leveraging high-resolution 7-tesla MRI to derive quantitative metrics for the trigeminal nerve and subnuclei of limbic structures in trigeminal neuralgia. <i>Journal of Headache and Pain</i> , 2021, 22, 112.	6.0	10

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19	Primary visual cortical thickness in correlation with visual field defects in patients with pituitary macroadenomas: a structural 7-Tesla retinotopic analysis. <i>Journal of Neurosurgery</i> , 2020, 133, 1371-1381.	1.6	10
20	STK11 mutation status is associated with decreased survival in meningiomas. <i>Neurological Sciences</i> , 2020, 41, 2585-2589.	1.9	9
21	Craniofacial Dymorphology in Unilateral Coronal Synostosis Using Three-Dimensional Landmark-Based Analysis With Generalized Procrustes Superimposition. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 16-20.	0.7	9
22	Surgical outcomes in patients with endoscopic versus transcranial approach for skull base malignancies: a 10-year institutional experience. <i>British Journal of Neurosurgery</i> , 2022, 36, 79-85.	0.8	7
23	In Reply: Retention of ATRX and DAXX Expression in Meningiomas. <i>Neurosurgery</i> , 2020, 86, E244-E246.	1.1	6
24	Going Viral: A Systematic Review of Google Trends in Plastic Surgery and a Recommended Framework for Its Use. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP2034-NP2043.	1.6	6
25	Neuroanatomical Determinants of Secondary Trigeminal Neuralgia: Application of 7T Ultra-High-Field Multimodal Magnetic Resonance Imaging. <i>World Neurosurgery</i> , 2020, 137, e34-e42.	1.3	5
26	Sphenotemporal and Fronto-Orbital Dymorphology in Unilateral Coronal Synostosis Using Geometric Morphometric Curve-Based Analysis. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 2449-2451.	0.7	5
27	Measuring degeneration of the lateral geniculate nuclei from pituitary adenoma compression detected by 7T ultra-high field MRI: a method for predicting vision recovery following surgical decompression of the optic chiasm. <i>Journal of Neurosurgery</i> , 2020, 132, 1747-1756.	1.6	5
28	Utility of 7 tesla MRI brain in 16 MRI Negative epilepsy patients and their surgical outcomes. <i>Epilepsy and Behavior Reports</i> , 2021, 15, 100424.	1.0	4
29	Major Complications After Textured Versus Non-textured Breast Implants in Direct-to-Implant Breast Reconstruction: A Propensity Score Analysis. <i>Aesthetic Plastic Surgery</i> , 2021, 45, 2077-2085.	0.9	4
30	Association of mutations in DNA polymerase epsilon with increased CD8+ cell infiltration and prolonged progression-free survival in patients with meningiomas. <i>Neurosurgical Focus</i> , 2022, 52, E7.	2.3	4
31	Utility of 7-Tesla MRI for Preoperative Planning of Endoscopic Endonasal Surgery for Pituitary Adenomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, 303-312.	0.8	3
32	Detection of Hippocampal Subfield Asymmetry at 7T With Automated Segmentation in Epilepsy Patients With Normal Clinical Strength MRIs. <i>Frontiers in Neurology</i> , 2021, 12, 682615.	2.4	3
33	Risk Factors for 90-day Readmissions With Fluid and Electrolyte Disorders Following Posterior Lumbar Fusion. <i>Spine</i> , 2020, 45, E704-E712.	2.0	2
34	The Role of Advanced Endoscopic Resection of Diverse Skull Base Malignancies: Technological Analysis during an 8-Year Single Institutional Experience. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 82, 417-424.	0.8	1
35	Quantitative Assessment of Secondary White Matter Injury in the Visual Pathway by Pituitary Adenomas: A Multimodal Study at 7 Tesla MRI. , 2019, 80, .		1
36	Utility of liquid biopsy in diagnosing isolated cerebral phaeohyphomycosis: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	1

#	ARTICLE	IF	CITATIONS
37	Post-operative vision loss: analysis of 587 patients undergoing endoscopic surgery for pituitary macroadenoma. British Journal of Neurosurgery, 2022, , 1-7.	0.8	1
38	Future directions for immunotherapy in meningioma treatment. Oncotarget, 2021, 12, 2300-2301.	1.8	0
39	Trigeminal Nerve Tractography at 7T Ultra-High Field MRI: Validation and Description of a Technique. , 2019, 80, .		0
40	Purely Endoscopic Resection of Malignant Skull Base Tumors: An 8-Year Experience with Postoperative Outcomes and Indications. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.8	0
41	7-Tesla Diffusion-Weighted MRI Apparent Diffusion Coefficient for Preoperative Evaluation of Pituitary Adenoma Consistency. , 2020, 81, .		0
42	Primary Visual Cortical Thickness Correlates with Visual Field Defects in Patients with Pituitary Macroadenomas: A Structural 7-Tesla Retinotopic Analysis. , 2020, 81, .		0
43	Correlation of Skull Base CSF Leak Flow Rates with Fluid Pattern on Early, Delayed, and Subtraction Volumetric Extended Echo Train T2 MRI. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	0