Jonathan Shapey

List of Publications by Year
in descending order

36 papers	801 citations	567281 15 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	847 citing authors

#	Article	IF	Citations
1	Deep learning approach for hyperspectral image demosaicking, spectral correction and high-resolution RGB reconstruction. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2022, 10, 409-417.	1.9	9
2	Optical properties of human brain and tumour tissue: An ex vivo study spanning the visible range to beyond the second near-infrared window. Journal of Biophotonics, 2022, 15, .	2.3	14
3	Automated Koos Classification of Vestibular Schwannoma. Frontiers in Radiology, 2022, 2, .	2.0	4
4	Artificial intelligence and medical education: A global mixed-methods study of medical students' perspectives. Digital Health, 2022, 8, 205520762210890.	1.8	12
5	An artificial intelligence framework for automatic segmentation and volumetry of vestibular schwannomas from contrast-enhanced T1-weighted and high-resolution T2-weighted MRI. Journal of Neurosurgery, 2021, 134, 171-179.	1.6	60
6	Middle Frontal Gyrus and Area 55b: Perioperative Mapping and Language Outcomes. Frontiers in Neurology, 2021, 12, 646075.	2.4	24
7	Intraoperative hyperspectral label-free imaging: from system design to first-in-patient translation. Journal Physics D: Applied Physics, 2021, 54, 294003.	2.8	15
8	Integrated multi-modality image-guided navigation for neurosurgery: open-source software platform using state-of-the-art clinical hardware. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1347-1356.	2.8	4
9	Artificial Intelligence Opportunities for Vestibular Schwannoma Management Using Image Segmentation and Clinical Decision Tools. World Neurosurgery, 2021, 149, 269-270.	1.3	9
10	Neurosurgical Approaches to the Skull Base. Neuroimaging Clinics of North America, 2021, 31, 409-431.	1.0	1
11	Segmentation of vestibular schwannoma from MRI, an open annotated dataset and baseline algorithm. Scientific Data, 2021, 8, 286.	5.3	35
12	Spontaneous tension pneumocephalus and pneumoventricle in ecchordosis physaliphora: case report of a rare presentation and review of the literature. British Journal of Neurosurgery, 2020, 34, 537-542.	0.8	11
13	Manual segmentation versus semi-automated segmentation for quantifying vestibular schwannoma volume on MRI. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1445-1455.	2.8	25
14	Scribble-Based Domain Adaptation via Co-segmentation. Lecture Notes in Computer Science, 2020, , 479-489.	1.3	21
15	Patient-Specific Polyvinyl Alcohol Phantom Fabrication with Ultrasound and X-Ray Contrast for Brain Tumor Surgery Planning. Journal of Visualized Experiments, 2020, , .	0.3	7
16	A single centre's experience of managing spheno-orbital meningiomas: lessons for recurrent tumour surgery. Acta Neurochirurgica, 2019, 161, 1657-1667.	1.7	18
17	Letter of response to: spheno-orbital meningiomas. Acta Neurochirurgica, 2019, 161, 2571-2571.	1.7	0
18	Intraoperative multispectral and hyperspectral label-free imaging: A systematic review of in vivo clinical studies. Journal of Biophotonics, 2019, 12, e201800455.	2.3	61

#	Article	IF	Citations
19	Physiology of cerebrospinal fluid circulation. Current Opinion in Otolaryngology and Head and Neck Surgery, 2019, 27, 326-333.	1.8	18
20	Automatic Segmentation of Vestibular Schwannoma from T2-Weighted MRI by Deep Spatial Attention with Hardness-Weighted Loss. Lecture Notes in Computer Science, 2019, , 264-272.	1.3	30
21	The operating theatre environment. , 2019, , 45-56.		1
22	Chronic subdural haematomas: a single-centre experience developing an integrated care pathway. British Journal of Neurosurgery, 2017, 31, 434-438.	0.8	6
23	The management and outcome for patients with chronic subdural hematoma: a prospective, multicenter, observational cohort study in the United Kingdom. Journal of Neurosurgery, 2017, , 1-8.	1.6	20
24	The management and outcome for patients with chronic subdural hematoma: a prospective, multicenter, observational cohort study in the United Kingdom. Journal of Neurosurgery, 2017, 127, 732-739.	1.6	131
25	Chronic Subdural Haematoma in the Elderly: Is It Time for a New Paradigm in Management?. Current Geriatrics Reports, 2016, 5, 71-77.	1.1	49
26	Intracranial extramedullary haematopoiesis: A case report. British Journal of Neurosurgery, 2015, 29, 734-736.	0.8	6
27	Proposal for a prospective multi-centre audit of chronic subdural haematoma management in the United Kingdom and Ireland. British Journal of Neurosurgery, 2014, 28, 199-203.	0.8	26
28	Diagnosis and management of optic nerve sheath meningiomas. Journal of Clinical Neuroscience, 2013, 20, 1045-1056.	1.5	73
29	Suprasellar meningioma presenting with an altitudinal field defect. Journal of Clinical Neuroscience, 2012, 19, 155-158.	1.5	11
30	Brain metastases from hepatocellular carcinoma in two Caucasian Australian patients. Journal of Clinical Neuroscience, 2012, 19, 1442-1445.	1.5	0
31	Myxopapillary ependymoma of the cerebellopontine angle: retrograde metastasis or primary tumour?. British Journal of Neurosurgery, 2011, 25, 122-123.	0.8	9
32	Diagnosis and management of optic nerve glioma. Journal of Clinical Neuroscience, 2011, 18, 1585-1591.	1.5	74
33	A web-based referral system for neurosurgery â€“ a solution to our problems?. British Journal of Neurosurgery, 2011, 25, 384-387.	0.8	17
34	Fat in the fossa and the sphenoid sinus: A simple and effective solution to CSF leaks in transsphenoidal surgery. Cohort study and systematic review. Journal of Neurological Surgery, Part B: Skull Base, 0, 0, .	0.8	0
35	Localisation of the petrous internal carotid artery relative to the vidian canal on computed tomography: a caseâ€“control study evaluating the impact of petroclival chondrosarcoma. Acta Neurochirurgica, 0, , .	1.7	0
36	Generating operative workflows for vestibular schwannoma resection: a two-stage Delphi consensus in collaboration with British Skull Base Society. Part 1: the retrosigmoid approach. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.8	0