

Geoffrey S Young

List of Publications by Year in descending order

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61
papers

2,405
citations

377584

21
h-index

232693

48
g-index

62
all docs

62
docs citations

62
times ranked

4328
citing authors

#	ARTICLE	IF	CITATIONS
1	A new framework of designing iterative techniques for image deblurring. Pattern Recognition, 2022, 124, 108463.	5.1	9
2	Clinical 7T MRI for epilepsy care: Value, patient selection, technical issues, and outlook. Journal of Neuroimaging, 2022, 32, 377-388.	1.0	6
3	7T versus 3T MRI in the presurgical evaluation of patients with drug-resistant epilepsy. Journal of Neuroimaging, 2022, 32, 292-299.	1.0	6
4	A Comparative Retrospective Study of Immunotherapy RANO Versus Standard RANO Criteria in Glioblastoma Patients Receiving Immune Checkpoint Inhibitor Therapy. Frontiers in Oncology, 2021, 11, 679331.	1.3	4
5	A neural network approach to segment brain blood vessels in digital subtraction angiography. Computer Methods and Programs in Biomedicine, 2020, 185, 105159.	2.6	13
6	Frequency and Evolution of New Postoperative Enhancement on 3 Tesla Intraoperative and Early Postoperative Magnetic Resonance Imaging. Neurosurgery, 2020, 87, 238-246.	0.6	5
7	Deep Transfer Learning and Radiomics Feature Prediction of Survival of Patients with High-Grade Gliomas. American Journal of Neuroradiology, 2020, 41, 40-48.	1.2	73
8	Deep Learning Detection of Cancer Metastases to the Brain on MRI. Journal of Magnetic Resonance Imaging, 2020, 52, 1227-1236.	1.9	71
9	CerebroVis: Designing an Abstract yet Spatially Contextualized Cerebral Artery Network Visualization. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 938-948.	2.9	8
10	Reversibility of impaired brain structures after transsphenoidal surgery in Cushing's disease: a longitudinal study based on an artificial intelligence-assisted tool. Journal of Neurosurgery, 2020, , 1-10.	0.9	14
11	Estimated clinical efficacy and radiographic response characteristics of PD1 inhibition in newly diagnosed and recurrent glioblastoma in clinical practice: A report from the iRANO Working Group.. Journal of Clinical Oncology, 2020, 38, 2521-2521.	0.8	2
12	Integrating deep transfer learning and radiomics features in glioblastoma multiforme patient survival prediction. , 2020, , .		1
13	A quasi-conformal mapping-based data augmentation technique for improving deep learning techniques on brain tumor segmentation. , 2020, , .		0
14	BIOM-34. CLINICAL, RADIOGRAPHIC, AND PATHOLOGIC PREDICTORS OF RESPONSE TO ANTI-PD-1 AND ANTI-PD-L1 THERAPY IN IDH-WILDTYPE GLIOBLASTOMA PATIENTS. Neuro-Oncology, 2020, 22, ii8-ii9.	0.6	0
15	OTHR-13. A DEEP LEARNING APPROACH TO DETECT CANCER METASTASES TO THE BRAIN IN MRI. Neuro-Oncology Advances, 2019, 1, i20-i21.	0.4	0
16	A new design in iterative image deblurring for improved robustness and performance. Pattern Recognition, 2019, 90, 134-146.	5.1	11
17	Buparlisib in Patients With Recurrent Glioblastoma Harboring Phosphatidylinositol 3-Kinase Pathway Activation: An Open-Label, Multicenter, Multi-Arm, Phase II Trial. Journal of Clinical Oncology, 2019, 37, 741-750.	0.8	103
18	Functional MRI Task Comparison for Language Mapping in Neurosurgical Patients. Journal of Neuroimaging, 2019, 29, 348-356.	1.0	28

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19	Normalization of ADC does not improve correlation with overall survival in patients with high-grade glioma (HGG). <i>Journal of Neuro-Oncology</i> , 2018, 137, 313-319.	1.4	14
20	Clinical Validation of Automatable Gaussian Normalized CBV in Brain Tumor Analysis: Superior Reproducibility and Slightly Better Association with Survival than Current Standard Manual Normal Appearing White Matter Normalization. <i>Translational Oncology</i> , 2018, 11, 1398-1405.	1.7	2
21	Advanced MRI assessment to predict benefit of anti-programmed cell death 1 protein immunotherapy response in patients with recurrent glioblastoma. <i>Neuroradiology</i> , 2017, 59, 135-145.	1.1	57
22	Measured Head CT/CTA Skin Dose and Intensive Care Unit Patient Cumulative Exposure. <i>American Journal of Neuroradiology</i> , 2017, 38, 455-461.	1.2	9
23	<i>Reply:</i>. <i>American Journal of Neuroradiology</i> , 2017, 38, E56-E56.	1.2	0
24	Neuroimaging in Pregnant Women. <i>Seminars in Neurology</i> , 2017, 37, 712-723.	0.5	25
25	Advanced Magnetic Resonance Imaging of Brain Tumors. , 2016, , 167-181.		0
26	Residual low ADC and high FA at the resection margin correlate with poor chemoradiation response and overall survival in high-grade glioma patients. <i>European Journal of Radiology</i> , 2016, 85, 657-664.	1.2	20
27	Background on Imaging Structural Imaging. , 2015, , 25-61.		1
28	â€œExtraoperativeâ€ MRI (eoMRI) for Brain Tumor Surgery: Initial Results at a Single Institution. <i>World Neurosurgery</i> , 2015, 83, 921-928.	0.7	1
29	Coherent Raman Tissue Imaging in the Brain. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.top081695.	0.2	5
30	Spin-echo echo-planar perfusion prior to chemoradiation is a strong independent predictor of progression-free and overall survival in newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2014, 119, 111-119.	1.4	7
31	Cerebral Perfusion Imaging. <i>Seminars in Neurology</i> , 2013, 32, 454-465.	0.5	20
32	Rapid, Label-Free Detection of Brain Tumors with Stimulated Raman Scattering Microscopy. <i>Science Translational Medicine</i> , 2013, 5, 201ra119.	5.8	398
33	Multicolored stain-free histopathology with coherent Raman imaging. <i>Laboratory Investigation</i> , 2012, 92, 1492-1502.	1.7	130
34	Semi-Automatic Segmentation Software for Quantitative Clinical Brain Glioblastoma Evaluation. <i>Academic Radiology</i> , 2012, 19, 977-985.	1.3	33
35	Apparent diffusion coefficient histogram analysis stratifies progression-free and overall survival in patients with recurrent GBM treated with bevacizumab: a multi-center study. <i>Journal of Neuro-Oncology</i> , 2012, 108, 491-498.	1.4	149
36	Vagal Schwannoma. <i>Ear, Nose and Throat Journal</i> , 2011, 90, 410-411.	0.4	1

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37	Longitudinal MRI evidence for decreased survival among periventricular glioblastoma. Journal of Neuro-Oncology, 2011, 104, 261-269.	1.4	54
38	Characterization of a human tumorsphere glioma orthotopic model using magnetic resonance imaging. Journal of Neuro-Oncology, 2011, 104, 473-481.	1.4	19
39	Support vector machine multiparametric MRI identification of pseudoprogression from tumor recurrence in patients with resected glioblastoma. Journal of Magnetic Resonance Imaging, 2011, 33, 296-305.	1.9	125
40	Phase I Study of Vandetanib With Radiotherapy and Temozolomide for Newly Diagnosed Glioblastoma. International Journal of Radiation Oncology Biology Physics, 2010, 78, 85-90.	0.4	76
41	Pice: Prior information constrained evolution for 3-D and 4-D brain tumor segmentation. , 2010, , .		5
42	Rapid resolution of diffusion weighted MRI abnormality in a patient with a stuttering stroke. BMJ Case Reports, 2010, 2010, bcr0720092063-bcr0720092063.	0.2	5
43	Spin-Echo Echo-Planar Perfusion MR Imaging in the Differential Diagnosis of Solitary Enhancing Brain Lesions: Distinguishing Solitary Metastases from Primary Glioma. American Journal of Neuroradiology, 2009, 30, 575-577.	1.2	40
44	Improved residue function and reduced flow dependence in MR perfusion using least-absolute-deviation regularization. Magnetic Resonance in Medicine, 2009, 61, 418-428.	1.9	13
45	Automated brain tumor segmentation using spatial accuracy-weighted hidden Markov Random Field. Computerized Medical Imaging and Graphics, 2009, 33, 431-441.	3.5	72
46	SUSCEPTIBILITY-ENHANCED 3-TESLA T1-WEIGHTED SPOILED GRADIENT ECHO OF THE MIDBRAIN NUCLEI FOR GUIDANCE OF DEEP BRAIN STIMULATION IMPLANTATION. Neurosurgery, 2009, 65, 809-815.	0.6	7
47	Bioluminescence Imaging of Heme Oxygenase-1 Upregulation in the Gua Sha Procedure. Journal of Visualized Experiments, 2009, , .	0.2	17
48	MR analysis of regional brain volume in adolescent idiopathic scoliosis: Neurological manifestation of a systemic disease. Journal of Magnetic Resonance Imaging, 2008, 27, 732-736.	1.9	42
49	Advanced MR Techniques in Clinical Brain Tumor Imaging. , 2008, , 136-149.		1
50	Challenges of Diagnosis and Management of Tuberculosis and HIV Coinfection in Resource-Limited Settings: A Case Report from Lima, Peru. Journal of the International Association of Providers of AIDS Care, 2008, 7, 232-237.	1.2	0
51	USING COHERENT ANTI-STOKES RAMAN SCATTERING (CARS) TO IMAGE BRAIN TISSUES. , 2007, , .		0
52	Chemically-selective imaging of brain structures with CARS microscopy. Optics Express, 2007, 15, 12076.	1.7	233
53	Advanced MRI of Adult Brain Tumors. Neurologic Clinics, 2007, 25, 947-973.	0.8	128
54	Least-square conformal brain mapping with spring energy. Computerized Medical Imaging and Graphics, 2007, 31, 656-664.	3.5	6

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55	Durable response of a radiation-induced, high-grade cerebellar glioma to temozolomide. Journal of Neuro-Oncology, 2007, 84, 179-183.	1.4	11
56	76-Space analysis of grey matter diffusivity: Methods and applications. NeuroImage, 2006, 31, 51-65.	2.1	48
57	76-Space Analysis of Grey Matter Diffusivity: Methods and Applications. Lecture Notes in Computer Science, 2005, 8, 148-155.	1.0	3
58	Diffusion-weighted and fluid-attenuated inversion recovery imaging in Creutzfeldt-Jakob disease: high sensitivity and specificity for diagnosis. American Journal of Neuroradiology, 2005, 26, 1551-62.	1.2	214
59	Sporadic Creutzfeldt-Jakob Disease Mimicking Variant Creutzfeldt-Jakob Disease. Archives of Neurology, 2003, 60, 767.	4.9	36
60	Magnetic resonance imaging/spectroscopy of an intraaxial epidermoid: similarity to an abscess. Journal of Neurosurgery, 2002, 97, 492.	0.9	9
61	THREE-DIMENSIONAL COMPUTED TOMOGRAPHY FOR PLANNING UROLOGIC SURGERY. Urologic Clinics of North America, 1998, 25, 103-111.	0.8	11