

Lawrence H Staib

List of Publications by Year in descending order

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Version: 2024-02-01

156
papers

12,404
citations

61687

45
h-index

29333

108
g-index

165
all docs

165
docs citations

165
times ranked

14215
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Applications for Differentiation of Glioma from Brain Metastasisâ€”A Systematic Review. <i>Cancers</i> , 2022, 14, 1369.	1.7	10
2	Machine Learning in Differentiating Gliomas from Primary CNS Lymphomas: A Systematic Review, Reporting Quality, and Risk of Bias Assessment. <i>American Journal of Neuroradiology</i> , 2022, 43, 526-533.	1.2	7
3	MR Imaging Biomarkers for the Prediction of Outcome after Radiofrequency Ablation of Hepatocellular Carcinoma: Qualitative and Quantitative Assessments of the Liver Imaging Reporting and Data System and Radiomic Features. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 814-824.e3.	0.2	7
4	Cryoablation of Venous Malformations: A Systematic Review. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 993-1000.	0.2	3
5	Machine Learning Models for Classifying High- and Low-Grade Gliomas: A Systematic Review and Quality of Reporting Analysis. <i>Frontiers in Oncology</i> , 2022, 12, 856231.	1.3	7
6	Machine Learning Tools for Image-Based Glioma Grading and the Quality of Their Reporting: Challenges and Opportunities. <i>Cancers</i> , 2022, 14, 2623.	1.7	6
7	Automated detection and delineation of hepatocellular carcinoma on multiphasic contrast-enhanced MRI using deep learning. <i>Abdominal Radiology</i> , 2021, 46, 216-225.	1.0	47
8	Diffusion Tensor Magnetic Resonance Imaging. , 2021, , 1459-1468.		0
9	Cumulative diagnostic imaging radiation exposure in premature neonates. <i>Journal of Neonatal-Perinatal Medicine</i> , 2021, , 1-9.	0.4	1
10	Voiding and storage domain-specific symptom score outcomes after prostate artery embolization for lower urinary tract symptoms and urinary retention. <i>Urology</i> , 2021, 156, 216-224.	0.5	2
11	Special issue on MICCAI 2019. <i>Medical Image Analysis</i> , 2021, 70, 102033.	7.0	0
12	Current state of radiology report release in electronic patient portals. <i>Clinical Imaging</i> , 2021, 74, 22-26.	0.8	9
13	The cavernous carotid inferolateral trunk and persistent primitive maxillary arteries: analysis of dissected arterially injected fetal specimens and high-resolution micro-CT of the dogâ€™s anastomotic arteries. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 1969-1977.	0.6	0
14	Use of Artificial Intelligence in Nononcologic Interventional Radiology: Current State and Future Directions. <i>Digestive Disease Interventions</i> , 2021, 05, 331-337.	0.3	4
15	BrainGNN: Interpretable Brain Graph Neural Network for fMRI Analysis. <i>Medical Image Analysis</i> , 2021, 74, 102233.	7.0	202
16	Learning-Based Regularization for Cardiac Strain Analysis via Domain Adaptation. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2233-2245.	5.4	12
17	Creating a Radiology Call Center Hotline and â€œHOTâ€ Sites: Centralizing Radiology Questions and Cohorting Out-patient Care During the COVID-19 Pandemic. <i>Current Problems in Diagnostic Radiology</i> , 2021, 50, 665-668.	0.6	0
18	Prostatic Artery Embolization in Nonindex Benign Prostatic Hyperplasia Patients: Single-center Outcomes for Urinary Retention and Gross Prostatic Hematuria. <i>Urology</i> , 2020, 136, 212-217.	0.5	18

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19	Prostatic Artery Embolization Using 100–300-µm Trisacryl Gelatin Microspheres to Treat Lower Urinary Tract Symptoms Attributable to Benign Prostatic Hyperplasia: A Single-Center Outcomes Analysis with Medium-Term Follow-up. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 99-107.	0.2	16
20	Multi-site fMRI analysis using privacy-preserving federated learning and domain adaptation: ABIDE results. <i>Medical Image Analysis</i> , 2020, 65, 101765.	7.0	213
21	Proof-of-concept use of machine learning to predict tumor recurrence of early-stage hepatocellular carcinoma before therapy using baseline magnetic resonance imaging. <i>Journal of Hepatology</i> , 2020, 73, S130-S131.	1.8	0
22	Scientific Collaboration across Time and Space: Bibliometric Analysis of the <i>American Journal of Neuroradiology</i> , 1980–2018. <i>American Journal of Neuroradiology</i> , 2020, 41, 766-771.	1.2	2
23	Sparse Data-Driven Learning for Effective and Efficient Biomedical Image Segmentation. <i>Annual Review of Biomedical Engineering</i> , 2020, 22, 127-153.	5.7	3
24	Regional myocardial strain analysis via 2D speckle tracking echocardiography: validation with sonomicrometry and correlation with regional blood flow in the presence of graded coronary stenoses and dobutamine stress. <i>Cardiovascular Ultrasound</i> , 2020, 18, 2.	0.5	14
25	Impact of Radiologist-Driven Change-Order Requests on Outpatient CT and MRI Examinations. <i>Journal of the American College of Radiology</i> , 2020, 17, 1014-1024.	0.9	0
26	PROOF-OF-CONCEPT USE OF MACHINE LEARNING TO PREDICT TUMOR RECURRENCE OF EARLY-STAGE HEPATOCELLULAR CARCINOMA BEFORE THERAPY USING BASELINE MAGNETIC RESONANCE IMAGING. <i>Transplantation</i> , 2020, 104, S43-S44.	0.5	1
27	Case-Control Comparison of Conventional End-Hole versus Balloon-Occlusion Microcatheter Prostatic Artery Embolization for Treatment of Symptomatic Benign Prostatic Hyperplasia. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1459-1470.	0.2	15
28	Generalizable Multi-Site Training and Testing Of Deep Neural Networks Using Image Normalization. , 2019, 2019, 348-351.		37
29	Scoring of Coronary Artery Disease Characteristics on Coronary CT Angiograms by Using Machine Learning. <i>Radiology</i> , 2019, 292, 354-362.	3.6	53
30	Effect of Reader and Patient Parameters on the Performance of Last-Image-Hold for Fluoroscopic Grading of Vesicoureteric Reflux. <i>American Journal of Roentgenology</i> , 2019, 212, 968-975.	1.0	0
31	Segmenting the Brain Surface From CT Images With Artifacts Using Locally Oriented Appearance and Dictionary Learning. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 596-607.	5.4	9
32	Does MR enterography offer added value after a recent CT in the evaluation of abdominal pain in Crohn's disease patients?. <i>Clinical Imaging</i> , 2019, 54, 78-83.	0.8	5
33	Correction to: <i>Medical Image Computing and Computer Assisted Intervention – MICCAI 2019. Lecture Notes in Computer Science</i> , 2019, , C1-C1.	1.0	6
34	Aspm knockout ferret reveals an evolutionary mechanism governing cerebral cortical size. <i>Nature</i> , 2018, 556, 370-375.	13.7	127
35	Benefit of a Visual Aid in the Management of Moderate-Severity Contrast Media Reactions. <i>American Journal of Roentgenology</i> , 2018, 211, 717-723.	1.0	7
36	2-Channel convolutional 3D deep neural network (2CC3D) for fMRI analysis: ASD classification and feature learning. , 2018, 2018, 1252-1255.		44

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37	Learning Non-rigid Deformations for Robust, Constrained Point-based Registration in Image-Guided MR-TRUS Prostate Intervention. <i>Medical Image Analysis</i> , 2017, 39, 29-43.	7.0	15
38	JOURNAL CLUB: Benefit of Epinephrine Autoinjector for Treatment of Contrast Reactions: Comparison of Errors, Administration Times, and Provider Preferences. <i>American Journal of Roentgenology</i> , 2017, 209, W363-W369.	1.0	11
39	Knowledge of Density and Screening Ultrasound. <i>Breast Journal</i> , 2017, 23, 323-332.	0.4	14
40	Liver Tissue Classification in Patients with Hepatocellular Carcinoma by Fusing Structured and Rotationally Invariant Context Representation. <i>Lecture Notes in Computer Science</i> , 2017, 10435, 81-88.	1.0	3
41	Disparities in Care Among Patients With Cardiac Implantable Electronic Devices Undergoing MRI. <i>Journal of the American College of Radiology</i> , 2017, 14, 1566-1571.	0.9	6
42	Assessment of a modified technique for air delivery during fluoroscopic-monitored pneumatic intussusception reduction. <i>Pediatric Radiology</i> , 2017, 47, 1594-1598.	1.1	2
43	Learning intervention-induced deformations for non-rigid MR-CT registration and electrode localization in epilepsy patients. <i>NeuroImage: Clinical</i> , 2016, 10, 291-301.	1.4	8
44	The Role of Report Comparison, Analysis, and Discrepancy Categorization in Resident Education. <i>American Journal of Roentgenology</i> , 2016, 207, 1223-1231.	1.0	10
45	Brain responses to biological motion predict treatment outcome in young children with autism. <i>Translational Psychiatry</i> , 2016, 6, e948-e948.	2.4	60
46	MRI-TRUS Image Synthesis with Application to Image-Guided Prostate Intervention. <i>Lecture Notes in Computer Science</i> , 2016, , 157-166.	1.0	2
47	Pivotal response treatment prompts a functional rewiring of the brain among individuals with autism spectrum disorder. <i>NeuroReport</i> , 2016, 27, 1081-1085.	0.6	21
48	Magnetic Resonance Imaging and Sonography in the Diagnosis of Placental Invasion. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1445-1456.	0.8	32
49	Is there an added value of a hepatobiliary phase with gadoxetate disodium following conventional MRI with an extracellular gadolinium agent in a single imaging session for detection of primary hepatic malignancies?. <i>Abdominal Radiology</i> , 2016, 41, 1270-1284.	1.0	10
50	High-Fidelity Contrast Reaction Simulation Training: Performance Comparison of Faculty, Fellows, and Residents. <i>Journal of the American College of Radiology</i> , 2016, 13, 81-87.	0.9	27
51	Anterior Cortical Development During Adolescence in Bipolar Disorder. <i>Biological Psychiatry</i> , 2016, 79, 303-310.	0.7	41
52	Utility of Magnetic Resonance Imaging in the Evaluation of Intraoperatively Confirmed Pelvic Adhesions. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 896-900.	0.5	3
53	Low-Dimensional Non-Rigid Image Registration Using Statistical Deformation Models From Semi-Supervised Training Data. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1522-1532.	5.4	17
54	LET dependence of bubbles evaporation pulses in superheated emulsion detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 784, 156-161.	0.7	7

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55	The Clinical Impact of Gynecologic MRI. American Journal of Roentgenology, 2015, 204, 674-680.	1.0	12
56	Learning nonrigid deformations for constrained point-based registration for image-guided MR-TRUS prostate intervention. , 2015, 2015, 1592-1595.		4
57	Segmenting the Brain Surface from CT Images with Artifacts Using Dictionary Learning for Non-rigid MR-CT Registration. Lecture Notes in Computer Science, 2015, 24, 662-674.	1.0	2
58	Using SUV as a Guide to ¹⁸ F-FDG Dose Reduction. Journal of Nuclear Medicine, 2014, 55, 1998-2002.	2.8	9
59	Radial Basis Functions for Combining Shape and Speckle Tracking in 4D Echocardiography. IEEE Transactions on Medical Imaging, 2014, 33, 1275-1289.	5.4	25
60	Diffusion Tensor Imaging as a Predictor of Locomotor Function after Experimental Spinal Cord Injury and Recovery. Journal of Neurotrauma, 2014, 31, 1362-1373.	1.7	62
61	Contour tracking in echocardiographic sequences via sparse representation and dictionary learning. Medical Image Analysis, 2014, 18, 253-271.	7.0	78
62	Semi-supervised Learning of Nonrigid Deformations for Image Registration. Lecture Notes in Computer Science, 2014, , 13-23.	1.0	4
63	Semi-supervised Learning of Nonrigid Deformations for Image Registration. Lecture Notes in Computer Science, 2014, , 13-23.	1.0	2
64	Fast nonrigid image registration using statistical deformation models learned from richly-annotated data. , 2013, , 580-583.		4
65	4-D echocardiography assessment of local myocardial strain using 3-D speckle tracking combined with shape tracking. , 2013, , .		2
66	Learning Nonrigid Deformations for Constrained Multi-modal Image Registration. Lecture Notes in Computer Science, 2013, 16, 171-178.	1.0	7
67	Gender-based divergence of cardiovascular outcomes in asymptomatic patients with type 2 diabetes: Results from the DIAD study. Diabetes and Vascular Disease Research, 2012, 9, 124-130.	0.9	10
68	The Utility of I-123 Pretherapy Scan in I-131 Radioiodine Therapy for Thyroid Cancer. Thyroid, 2012, 22, 304-309.	2.4	57
69	Simultaneous Nonrigid Registration, Segmentation, and Tumor Detection in MRI Guided Cervical Cancer Radiation Therapy. IEEE Transactions on Medical Imaging, 2012, 31, 1213-1227.	5.4	29
70	Volumetric Intraoperative Brain Deformation Compensation: Model Development and Phantom Validation. IEEE Transactions on Medical Imaging, 2012, 31, 1607-1619.	5.4	31
71	Segmentation of left ventricles from echocardiographic sequences via sparse appearance representation. , 2012, , .		4
72	Anatomical Brain Images Alone Can Accurately Diagnose Chronic Neuropsychiatric Illnesses. PLoS ONE, 2012, 7, e50698.	1.1	70

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73	Early assessment of the efficacy of digital infrared thermal imaging in pediatric extremity trauma. <i>Emergency Radiology</i> , 2012, 19, 203-209.	1.0	23
74	Fasciculography: Robust Prior-Free Real-Time Normalized Volumetric Neural Tract Parcellation. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 217-230.	5.4	2
75	An integrated approach to segmentation and nonrigid registration for application in image-guided pelvic radiotherapy. <i>Medical Image Analysis</i> , 2011, 15, 772-785.	7.0	55
76	Lateral ventricle volume and psychotic features in adolescents and adults with bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 400-402.	0.9	17
77	Unified Framework for Development, Deployment and Robust Testing of Neuroimaging Algorithms. <i>Neuroinformatics</i> , 2011, 9, 69-84.	1.5	193
78	Fast parametrized volumetric DTI tract parcellation. , 2011, , .		2
79	Targeted Imaging of the Spatial and Temporal Variation of Matrix Metalloproteinase Activity in a Porcine Model of Postinfarct Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 381-391.	1.3	92
80	Diffusion Tensor Imaging in Autism Spectrum Disorders: Preliminary Evidence of Abnormal Neural Connectivity. <i>Australian and New Zealand Journal of Psychiatry</i> , 2011, 45, 153-162.	1.3	123
81	Five-Year Outcomes in High-Risk Participants in the Detection of Ischemia in Asymptomatic Diabetics (DIAD) Study. <i>Diabetes Care</i> , 2011, 34, 204-209.	4.3	57
82	Vessel Connectivity Using Murray's Hypothesis. <i>Lecture Notes in Computer Science</i> , 2011, 14, 528-536.	1.0	7
83	Integrated Parcellation and Normalization Using DTI Fasciculography. <i>Lecture Notes in Computer Science</i> , 2011, 14, 33-41.	1.0	2
84	Refraction corrected transmission ultrasound computed tomography for application in breast imaging. <i>Medical Physics</i> , 2010, 37, 2233-2246.	1.6	51
85	Image-Guided Intraoperative Cortical Deformation Recovery Using Game Theory: Application to Neocortical Epilepsy Surgery. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 322-338.	5.4	30
86	Multimodal MRI analysis of brain subnetworks in autism using multi-view EM. , 2010, , .		4
87	Comparison of Two Methods for Ranking Applicants for Residency. <i>Journal of the American College of Radiology</i> , 2010, 7, 961-966.	0.9	13
88	Constrained non-rigid registration using Lagrange multipliers for application in prostate radiotherapy. , 2010, , .		7
89	Integrated Segmentation and Nonrigid Registration for Application in Prostate Image-Guided Radiotherapy. <i>Lecture Notes in Computer Science</i> , 2010, 13, 53-60.	1.0	12
90	Shape comparison using perturbing shape registration. , 2009, , .		0

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91	Preliminary evidence for progressive prefrontal abnormalities in adolescents and young adults with bipolar disorder. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 476-481.	1.2	72
92	Shape comparison using perturbing shape registration. , 2009, 2009, 683-690.		0
93	Effects of the Brain-Derived Neurotrophic Growth Factor Val66Met Variation on Hippocampus Morphology in Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2009, 34, 944-951.	2.8	101
94	Calculation of the confidence intervals for transformation parameters in the registration of medical images. <i>Medical Image Analysis</i> , 2009, 13, 215-233.	7.0	5
95	Using Perturbation theory to reduce noise in diffusion tensor fields. <i>Medical Image Analysis</i> , 2009, 13, 580-597.	7.0	5
96	Constrained non-rigid registration for use in image-guided adaptive radiotherapy. <i>Medical Image Analysis</i> , 2009, 13, 809-817.	7.0	43
97	From medical image computing to computer-aided intervention: development of a research interface for image-guided navigation. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2009, 5, 147-157.	1.2	17
98	DTI abnormalities in anterior corpus callosum of rats with spike-wave epilepsy. <i>NeuroImage</i> , 2009, 47, 459-466.	2.1	80
99	Volumetric Shape Model for Oriented Tubular Structure from DTI Data. <i>Lecture Notes in Computer Science</i> , 2009, 12, 18-25.	1.0	2
100	Unified framework for development, deployment and testing of image analysis algorithms. , 2009, , .		1
101	Using Perturbation Theory to Compute the Morphological Similarity of Diffusion Tensors. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 589-607.	5.4	8
102	Corpus callosum in maltreated children with posttraumatic stress disorder: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 256-261.	0.9	183
103	Novel interaction techniques for neurosurgical planning and stereotactic navigation. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1587-1594.	2.9	24
104	A Constrained Non-rigid Registration Algorithm for Use in Prostate Image-Guided Radiotherapy. <i>Lecture Notes in Computer Science</i> , 2008, 11, 780-788.	1.0	7
105	Nonrigid Intraoperative Cortical Surface Tracking Using Game Theory. , 2007, , .		7
106	Statistical Analyses of Brain Surfaces Using Gaussian Random Fields on 2-D Manifolds. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 46-57.	5.4	50
107	Voxel-wise comparisons of the morphology of diffusion tensors across groups of experimental subjects. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 225-245.	0.9	2
108	Brain Shape Characterization from Deformation. <i>Proceedings</i> , 2006, 3, 1140-1143.	0.0	4

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109	Biolmage Suite: An integrated medical image analysis suite: An update. The Insight Journal, 2006, 2006, 209.	0.2	146
110	Biolmage Suite: An integrated medical image analysis suite: An update. The Insight Journal, 2006, , .	0.2	107
111	White matter tractography by anisotropic wavefront evolution and diffusion tensor imaging. Medical Image Analysis, 2005, 9, 427-440.	7.0	74
112	ROC-based assessments of 3D cortical surface-matching algorithms. NeuroImage, 2005, 24, 150-162.	2.1	45
113	Articulated Rigid Registration for Serial Lower-Limb Mouse Imaging. Lecture Notes in Computer Science, 2005, 8, 919-926.	1.0	23
114	Characterizing Vascular Connectivity from microCT Images. Lecture Notes in Computer Science, 2005, 8, 701-708.	1.0	9
115	Biolmage Suite: An integrated medical image analysis suite. The Insight Journal, 2005, , .	0.2	5
116	Altered Interhemispheric Connectivity in Individuals With Tourette's Disorder. American Journal of Psychiatry, 2004, 161, 2028-2037.	4.0	141
117	Integrated Intensity and Point-Feature Nonrigid Registration. Lecture Notes in Computer Science, 2004, , 763-770.	1.0	41
118	Neighbor-Constrained Segmentation With Level Set Based 3-D Deformable Models. IEEE Transactions on Medical Imaging, 2004, 23, 940-948.	5.4	127
119	Segmentation of 3D deformable objects with level set based prior models. , 2004, 1, 85-88.		4
120	Hippocampal volume, memory, and cortisol status in major depressive disorder: effects of treatment. Biological Psychiatry, 2004, 56, 101-112.	0.7	454
121	Geometric strategies for neuroanatomic analysis from MRI. NeuroImage, 2004, 23, S34-S45.	2.1	101
122	MR imaging of the temporal stem: anatomic dissection tractography of the uncinate fasciculus, inferior occipitofrontal fasciculus, and Meyer's loop of the optic radiation. American Journal of Neuroradiology, 2004, 25, 677-91.	1.2	311
123	Anatomic dissection tractography: a new method for precise MR localization of white matter tracts. American Journal of Neuroradiology, 2004, 25, 670-6.	1.2	30
124	3D Brain surface matching based on geodesics and local geometry. Computer Vision and Image Understanding, 2003, 89, 252-271.	3.0	49
125	Neural correlates of declarative memory for emotionally valenced words in women with posttraumatic stress disorder related to early childhood sexual abuse. Biological Psychiatry, 2003, 53, 879-889.	0.7	264
126	Image processing and analysis at ipag. IEEE Transactions on Medical Imaging, 2003, 22, 1505-1518.	5.4	4

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127	Entropy-based dual-portal-to-3-DCT registration incorporating pixel correlation. IEEE Transactions on Medical Imaging, 2003, 22, 29-49.	5.4	26
128	Basal Ganglia Volumes in Patients With Gilles de la Tourette Syndrome. Archives of General Psychiatry, 2003, 60, 415.	13.8	435
129	MRI and PET Study of Deficits in Hippocampal Structure and Function in Women With Childhood Sexual Abuse and Posttraumatic Stress Disorder. American Journal of Psychiatry, 2003, 160, 924-932.	4.0	621
130	Computing 3D Non-rigid Brain Registration Using Extended Robust Point Matching for Composite Multisubject fMRI Analysis. Lecture Notes in Computer Science, 2003, , 788-795.	1.0	16
131	Regional Brain Volumes and Their Later Neurodevelopmental Correlates in Term and Preterm Infants. Pediatrics, 2003, 111, 939-948.	1.0	408
132	Neighbor-Constrained Segmentation with 3D Deformable Models. Lecture Notes in Computer Science, 2003, 18, 198-209.	1.0	19
133	Childhood Trauma Associated With Smaller Hippocampal Volume in Women With Major Depression. American Journal of Psychiatry, 2002, 159, 2072-2080.	4.0	742
134	Reduced volume of orbitofrontal cortex in major depression. Biological Psychiatry, 2002, 51, 273-279.	0.7	480
135	Statistical Neighbor Distance Influence in Active Contours. Lecture Notes in Computer Science, 2002, , 588-595.	1.0	5
136	Automated measurement of latent morphological features in the human corpus callosum. Human Brain Mapping, 2001, 12, 232-245.	1.9	33
137	Regional Brain and Ventricular Volumes in Tourette Syndrome. Archives of General Psychiatry, 2001, 58, 427.	13.8	287
138	Integrated Intensity and Point-Feature Nonrigid Registration. , 2001, 3216, 763-770.		86
139	Decreased Benzodiazepine Receptor Binding in Prefrontal Cortex in Combat-Related Posttraumatic Stress Disorder. American Journal of Psychiatry, 2000, 157, 1120-1126.	4.0	349
140	Kinetic modeling of benzodiazepine receptor binding with PET and high specific activity [¹¹ C]lomazenil in healthy human subjects. , 2000, 35, 68-77.		6
141	Physical model-based non-rigid registration incorporating statistical shape information. Medical Image Analysis, 2000, 4, 7-20.	7.0	88
142	Preliminary Findings of Antistreptococcal Antibody Titers and Basal Ganglia Volumes in Tic, Obsessive-compulsive, and Attention-Deficit/Hyperactivity Disorders. Archives of General Psychiatry, 2000, 57, 364.	13.8	171
143	Hippocampal Volume Reduction in Major Depression. American Journal of Psychiatry, 2000, 157, 115-118.	4.0	1,459
144	Temporal lobe volume in panic disorder – a quantitative magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2000, 99, 75-82.	0.9	106

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145	SPECT [I-123]iomazenil measurement of the benzodiazepine receptor in panic disorder. Biological Psychiatry, 2000, 47, 96-106.	0.7	161
146	A Minimax Entropy Registration Framework for Patient Setup Verification in Radiotherapy. Computer Aided Surgery, 1999, 4, 287-304.	1.8	16
147	Quantitation of benzodiazepine receptor binding with PET [11C]iomazenil and SPECT [123I]iomazenil: preliminary results of a direct comparison in healthy human subjects. Psychiatry Research - Neuroimaging, 1999, 91, 79-91.	0.9	20
148	Neural correlates of exposure to traumatic pictures and sound in Vietnam combat veterans with and without posttraumatic stress disorder: a positron emission tomography study. Biological Psychiatry, 1999, 45, 806-816.	0.7	637
149	A minimax entropy registration framework for patient setup verification in radiotherapy. Computer Aided Surgery, 1999, 4, 287-304.	1.8	12
150	Development and Reliability of a Method for Using Magnetic Resonance Imaging for the Definition of Regions of Interest for Positron Emission Tomography. Molecular Imaging and Biology, 1998, 1, 145-159.	0.3	27
151	An Integrated Approach for Locating Neuroanatomical Structure from MRI. International Journal of Pattern Recognition and Artificial Intelligence, 1997, 11, 1247-1269.	0.7	12
152	Magnetic resonance imaging-based measurement of hippocampal volume in posttraumatic stress disorder related to childhood physical and sexual abuse—a preliminary report. Biological Psychiatry, 1997, 41, 23-32.	0.7	1,154
153	Parameterized Feasible Boundaries in Gradient Vector Fields. Computer Vision and Image Understanding, 1996, 63, 135-144.	3.0	35
154	Brain morphology in normal and dyslexic children: The influence of sex and age. Annals of Neurology, 1994, 35, 732-742.	2.8	127
155	Image processing and analysis for medical applications. ACM SIGBIO Newsletter, 1994, 14, 8-9.	0.1	0
156	Identifying clinically applicable machine learning algorithms for glioma segmentation: recent advances and discoveries. Neuro-Oncology Advances, 0, , .	0.4	4