Li Wang

List of Publications by Year
in descending order

180 papers	8,111 citations	57758 44 h-index	54911 84 g-index
188 all docs	188 docs citations	188 times ranked	7661 citing authors

#	Article	IF	Citations
1	Deep convolutional neural networks for multi-modality isointense infant brain image segmentation. NeuroImage, 2015, 108, 214-224.	4.2	662
2	Active contours driven by local Gaussian distribution fitting energy. Signal Processing, 2009, 89, 2435-2447.	3.7	463
3	Medical Image Synthesis with Deep Convolutional Adversarial Networks. IEEE Transactions on Biomedical Engineering, 2018, 65, 2720-2730.	4.2	392
4	Active contours driven by local and global intensity fitting energy with application to brain MR image segmentation. Computerized Medical Imaging and Graphics, 2009, 33, 520-531.	5.8	362
5	Dynamic Development of Regional Cortical Thickness and Surface Area in Early Childhood. Cerebral Cortex, 2015, 25, 2204-2212.	2.9	286
6	Deep Learning Based Imaging Data Completion for Improved Brain Disease Diagnosis. Lecture Notes in Computer Science, 2014, 17, 305-312.	1.3	249
7	The UNC/UMN Baby Connectome Project (BCP): An overview of the study design and protocol development. NeuroImage, 2019, 185, 891-905.	4.2	234
8	LRTV: MR Image Super-Resolution With Low-Rank and Total Variation Regularizations. IEEE Transactions on Medical Imaging, 2015, 34, 2459-2466.	8.9	214
9	LINKS: Learning-based multi-source IntegratioN frameworK for Segmentation of infant brain images. NeuroImage, 2015, 108, 160-172.	4.2	208
10	Estimating CT Image From MRI Data Using Structured Random Forest and Auto-Context Model. IEEE Transactions on Medical Imaging, 2016, 35, 174-183.	8.9	205
11	Mapping Region-Specific Longitudinal Cortical Surface Expansion from Birth to 2 Years of Age. Cerebral Cortex, 2013, 23, 2724-2733.	2.9	203
12	Mapping Longitudinal Development of Local Cortical Gyrification in Infants from Birth to 2 Years of Age. Journal of Neuroscience, 2014, 34, 4228-4238.	3.6	203
13	Fully convolutional networks for multi-modality isointense infant brain image segmentation. , 2016, 2016, 1342-1345.		175
14	Segmentation of neonatal brain MR images using patch-driven level sets. NeuroImage, 2014, 84, 141-158.	4.2	161
15	Estimating CT Image from MRI Data Using 3D Fully Convolutional Networks. Lecture Notes in Computer Science, 2016, 2016, 170-178.	1.3	151
16	LABEL: Pediatric brain extraction using learning-based meta-algorithm. NeuroImage, 2012, 62, 1975-1986.	4.2	147
17	Benchmark on Automatic Six-Month-Old Infant Brain Segmentation Algorithms: The iSeg-2017 Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2219-2230.	8.9	136
18	3-D Fully Convolutional Networks for Multimodal Isointense Infant Brain Image Segmentation. IEEE Transactions on Cybernetics, 2019, 49, 1123-1136.	9.5	133

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19	Computational neuroanatomy of baby brains: A review. NeuroImage, 2019, 185, 906-925.	4.2	125
20	Mapping Longitudinal Hemispheric Structural Asymmetries of the Human Cerebral Cortex From Birth to 2 Years of Age. Cerebral Cortex, 2014, 24, 1289-1300.	2.9	121
21	Automatic segmentation of neonatal images using convex optimization and coupled level sets. NeuroImage, 2011, 58, 805-817.	4.2	120
22	Measuring the dynamic longitudinal cortex development in infants by reconstruction of temporally consistent cortical surfaces. NeuroImage, 2014, 90, 266-279.	4.2	113
23	Construction of 4D high-definition cortical surface atlases of infants: Methods and applications. Medical Image Analysis, 2015, 25, 22-36.	11.6	112
24	Structural and Maturational Covariance in Early Childhood Brain Development. Cerebral Cortex, 2017, 27, bhw022.	2.9	111
25	Integration of sparse multi-modality representation and anatomical constraint for isointense infant brain MR image segmentation. NeuroImage, 2014, 89, 152-164.	4.2	96
26	Developmental topography of cortical thickness during infancy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15855-15860.	7.1	82
27	Diagnosis of autism spectrum disorders using regional and interregional morphological features. Human Brain Mapping, 2014, 35, 3414-3430.	3.6	77
28	Deep CNN ensembles and suggestive annotations for infant brain MRI segmentation. Computerized Medical Imaging and Graphics, 2020, 79, 101660.	5.8	76
29	iBEAT: A Toolbox for Infant Brain Magnetic Resonance Image Processing. Neuroinformatics, 2013, 11, 211-225.	2.8	75
30	Deep Multi-Scale Mesh Feature Learning for Automated Labeling of Raw Dental Surfaces From 3D Intraoral Scanners. IEEE Transactions on Medical Imaging, 2020, 39, 2440-2450.	8.9	74
31	Context-guided fully convolutional networks for joint craniomaxillofacial bone segmentation and landmark digitization. Medical Image Analysis, 2020, 60, 101621.	11.6	71
32	4D Multi-Modality Tissue Segmentation of Serial Infant Images. PLoS ONE, 2012, 7, e44596.	2.5	67
33	Longitudinally guided level sets for consistent tissue segmentation of neonates. Human Brain Mapping, 2013, 34, 956-972.	3.6	66
34	Automated bone segmentation from dental CBCT images using patchâ€based sparse representation and convex optimization. Medical Physics, 2014, 41, 043503.	3.0	64
35	Level set segmentation of brain magnetic resonance images based on local Gaussian distribution fitting energy. Journal of Neuroscience Methods, 2010, 188, 316-325.	2.5	60
36	Environmental Influences on Infant Cortical Thickness and Surface Area. Cerebral Cortex, 2019, 29, 1139-1149.	2.9	60

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37	Automated segmentation of dental CBCT image with prior-guided sequential random forests. Medical Physics, 2015, 43, 336-346.	3.0	58
38	Hierarchical Vertex Regression-Based Segmentation of Head and Neck CT Images for Radiotherapy Planning. IEEE Transactions on Image Processing, 2018, 27, 923-937.	9.8	55
39	Multi-Site Infant Brain Segmentation Algorithms: The iSeg-2019 Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 1363-1376.	8.9	53
40	Cortical thickness and surface area in neonates at high risk for schizophrenia. Brain Structure and Function, 2016, 221, 447-461.	2.3	52
41	Longitudinal development of cortical thickness, folding, and fiber density networks in the first 2 years of life. Human Brain Mapping, 2014, 35, 3726-3737.	3.6	51
42	A Computational Growth Model for Measuring Dynamic Cortical Development in the First Year of Life. Cerebral Cortex, 2012, 22, 2272-2284.	2.9	49
43	Automatic Craniomaxillofacial Landmark Digitization via Segmentation-Guided Partially-Joint Regression Forest Model and Multiscale Statistical Features. IEEE Transactions on Biomedical Engineering, 2016, 63, 1820-1829.	4.2	47
44	Automatic hippocampus segmentation of 7.0Tesla MR images by combining multiple atlases and auto-context models. NeuroImage, 2013, 83, 335-345.	4.2	46
45	STRAINet: Spatially Varying sTochastic Residual AdversarIal Networks for MRI Pelvic Organ Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1552-1564.	11.3	45
46	Altered Modular Organization of Structural Cortical Networks in Children with Autism. PLoS ONE, 2013, 8, e63131.	2.5	45
47	Genetic influences on neonatal cortical thickness and surface area. Human Brain Mapping, 2018, 39, 4998-5013.	3.6	43
48	Harmonization of Infant Cortical Thickness Using Surface-to-Surface Cycle-Consistent Adversarial Networks. Lecture Notes in Computer Science, 2019, 11767, 475-483.	1.3	39
49	Dilated Dense U-Net for Infant Hippocampus Subfield Segmentation. Frontiers in Neuroinformatics, 2019, 13, 30.	2.5	38
50	Spherical U-Net on Cortical Surfaces: Methods and Applications. Lecture Notes in Computer Science, 2019, 11492, 855-866.	1.3	37
51	Deep Fusion of Brain Structure-Function in Mild Cognitive Impairment. Medical Image Analysis, 2021, 72, 102082.	11.6	37
52	The emergence of a functionally flexible brain during early infancy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23904-23913.	7.1	36
53	Neonatal atlas construction using sparse representation. Human Brain Mapping, 2014, 35, 4663-4677.	3.6	34
54	Simultaneous and consistent labeling of longitudinal dynamic developing cortical surfaces in infants. Medical Image Analysis, 2014, 18, 1274-1289.	11.6	34

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55	Consistent Spatial-Temporal Longitudinal Atlas Construction for Developing Infant Brains. IEEE Transactions on Medical Imaging, 2016, 35, 2568-2577.	8.9	33
56	Spherical Deformable U-Net: Application to Cortical Surface Parcellation and Development Prediction. IEEE Transactions on Medical Imaging, 2021, 40, 1217-1228.	8.9	33
57	Construction of 4D infant cortical surface atlases with sharp folding patterns via spherical patchâ€based groupâ€wise sparse representation. Human Brain Mapping, 2019, 40, 3860-3880.	3.6	31
58	Longitudinally Guided Super-Resolution of Neonatal Brain Magnetic Resonance Images. IEEE Transactions on Cybernetics, 2019, 49, 662-674.	9.5	28
59	Disentangled-Multimodal Adversarial Autoencoder: Application to Infant Age Prediction With Incomplete Multimodal Neuroimages. IEEE Transactions on Medical Imaging, 2020, 39, 4137-4149.	8.9	27
60	Mapping hemispheric asymmetries of the macaque cerebral cortex during early brain development. Human Brain Mapping, 2020, 41, 95-106.	3.6	26
61	miR-24 Regulates Intrinsic Apoptosis Pathway in Mouse Cardiomyocytes. PLoS ONE, 2014, 9, e85389.	2.5	25
62	Exploring folding patterns of infant cerebral cortex based on multi-view curvature features: Methods and applications. NeuroImage, 2019, 185, 575-592.	4.2	25
63	Cortical Structure and Cognition in Infants and Toddlers. Cerebral Cortex, 2020, 30, 786-800.	2.9	25
64	Individual identification and individual variability analysis based on cortical folding features in developing infant singletons and twins. Human Brain Mapping, 2020, 41, 1985-2003.	3.6	25
65	Predicting brain structural network using functional connectivity. Medical Image Analysis, 2022, 79, 102463.	11.6	25
66	One-Shot Generative Adversarial Learning for MRI Segmentation of Craniomaxillofacial Bony Structures. IEEE Transactions on Medical Imaging, 2020, 39, 787-796.	8.9	24
67	4D Segmentation of Brain MR Images with Constrained Cortical Thickness Variation. PLoS ONE, 2013, 8, e64207.	2.5	21
68	Registration-Free Infant Cortical Surface Parcellation Using Deep Convolutional Neural Networks. Lecture Notes in Computer Science, 2018, 11072, 672-680.	1.3	21
69	Segmentation of Craniomaxillofacial Bony Structures from MRI with a 3D Deep-Learning Based Cascade Framework. Lecture Notes in Computer Science, 2017, 10541, 266-273.	1.3	20
70	Anatomyâ€guided joint tissue segmentation and topological correction for 6â€month infant brain MRI with risk of autism. Human Brain Mapping, 2018, 39, 2609-2623.	3.6	20
71	Multi-Task Weakly-Supervised Attention Network for Dementia Status Estimation With Structural MRI. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4056-4068.	11.3	20
72	Low-Rank Total Variation for Image Super-Resolution. Lecture Notes in Computer Science, 2013, 16, 155-162.	1.3	20

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73	Estimating patientâ€specific and anatomically correct reference model for craniomaxillofacial deformity via sparse representation. Medical Physics, 2015, 42, 5809-5816.	3.0	19
74	Scalable joint segmentation and registration framework for infant brain images. Neurocomputing, 2017, 229, 54-62.	5.9	19
75	Discovering cortical sulcal folding patterns in neonates using largeâ€scale dataset. Human Brain Mapping, 2018, 39, 3625-3635.	3.6	18
76	Topological correction of infant white matter surfaces using anatomically constrained convolutional neural network. NeuroImage, 2019, 198, 114-124.	4.2	18
77	Super-resolution reconstruction of neonatal brain magnetic resonance images via residual structured sparse representation. Medical Image Analysis, 2019, 55, 76-87.	11.6	18
78	Effects of prenatal opioid exposure on functional networks in infancy. Developmental Cognitive Neuroscience, 2021, 51, 100996.	4.0	18
79	Anatomy-Regularized Representation Learning for Cross-Modality Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2021, 40, 274-285.	8.9	17
80	S3Reg: Superfast Spherical Surface Registration Based on Deep Learning. IEEE Transactions on Medical Imaging, 2021, 40, 1964-1976.	8.9	17
81	Automated Segmentation of CBCT Image Using Spiral CT Atlases and Convex Optimization. Lecture Notes in Computer Science, 2013, 16, 251-258.	1.3	17
82	Existence of Functional Connectome Fingerprint during Infancy and Its Stability over Months. Journal of Neuroscience, 2022, 42, 377-389.	3.6	17
83	In vivo MRI based prostate cancer localization with random forests and auto-context model. Computerized Medical Imaging and Graphics, 2016, 52, 44-57.	5.8	16
84	Learningâ€based deformable registration for infant <scp>MRI</scp> by integrating random forest with autoâ€context model. Medical Physics, 2017, 44, 6289-6303.	3.0	16
85	Learning Distance Transform for Boundary Detection and Deformable Segmentation in CT Prostate Images. Lecture Notes in Computer Science, 2014, 8679, 93-100.	1.3	16
86	Learning-Based Topological Correction for Infant Cortical Surfaces. Lecture Notes in Computer Science, 2016, 9900, 219-227.	1.3	16
87	Brain MR Image Segmentation Using Local and Global Intensity Fitting Active Contours/Surfaces. Lecture Notes in Computer Science, 2008, 11, 384-392.	1.3	16
88	Frnet: Flattened Residual Network for Infant MRI Skull Stripping. , 2019, 2019, 999-1002.		15
89	4D Infant Cortical Surface Atlas Construction Using Spherical Patch-Based Sparse Representation. Lecture Notes in Computer Science, 2017, 10433, 57-65.	1.3	15
90	DIKA-Nets: Domain-invariant knowledge-guided attention networks for brain skull stripping of early developing macaques. NeuroImage, 2021, 227, 117649.	4.2	14

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91	The maturation and cognitive relevance of structural brain network organization from early infancy to childhood. NeuroImage, 2021, 238, 118232.	4.2	14
92	Constructing 4D Infant Cortical Surface Atlases Based on Dynamic Developmental Trajectories of the Cortex. Lecture Notes in Computer Science, 2014, 17, 89-96.	1.3	14
93	Learning-Based Meta-Algorithm for MRI Brain Extraction. Lecture Notes in Computer Science, 2011, 14, 313-321.	1.3	14
94	A 4D infant brain volumetric atlas based on the UNC/UMN baby connectome project (BCP) cohort. NeuroImage, 2022, 253, 119097.	4.2	13
95	Surface-constrained volumetric registration for the early developing brain. Medical Image Analysis, 2019, 58, 101540.	11.6	11
96	Maternal Obesity during Pregnancy is Associated with Lower Cortical Thickness in the Neonate Brain. American Journal of Neuroradiology, 2021, 42, 2238-2244.	2.4	11
97	Recurrent Tissue-Aware Network for Deformable Registration of Infant Brain MR Images. IEEE Transactions on Medical Imaging, 2022, 41, 1219-1229.	8.9	11
98	Hierarchical and symmetric infant image registration by robust longitudinalâ€exampleâ€guided correspondence detection. Medical Physics, 2015, 42, 4174-4189.	3.0	10
99	Construction of spatiotemporal infant cortical surface atlas of rhesus macaque. , 2018, 2018, 704-707.		10
100	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	4.2	10
101	aBEAT: A Toolbox for Consistent Analysis of Longitudinal Adult Brain MRI. PLoS ONE, 2013, 8, e60344.	2.5	9
102	Multi-atlas Based Simultaneous Labeling of Longitudinal Dynamic Cortical Surfaces in Infants. Lecture Notes in Computer Science, 2013, 16, 58-65.	1.3	9
103	Unified framework for early stage status prediction of autism based on infant structural magnetic resonance imaging. Autism Research, 2021, 14, 2512-2523.	3.8	8
104	Integration of Sparse Multi-modality Representation and Geometrical Constraint for Isointense Infant Brain Segmentation. Lecture Notes in Computer Science, 2013, 16, 703-710.	1.3	8
105	Breast Tumor Segmentation in DCE-MRI With Tumor Sensitive Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4990-5001.	11.3	8
106	Volumetric Analysis of Amygdala and Hippocampal Subfields for Infants with Autism. Journal of Autism and Developmental Disorders, 2023, 53, 2475-2489.	2.7	8
107	Gyral peaks: Novel gyral landmarks in developing macaque brains. Human Brain Mapping, 2022, 43, 4540-4555.	3.6	8
108	Biomechanical Analysis of Normal Brain Development during the First Year of Life Using Finite Strain Theory. Scientific Reports, 2016, 6, 37666.	3.3	7

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109	Construction of spatiotemporal neonatal cortical surface atlases using a large-scale dataset. , 2018, 2018, 1056-1059.		7
110	Discovering Cortical Folding Patterns in Neonatal Cortical Surfaces Using Large-Scale Dataset. Lecture Notes in Computer Science, 2016, 9900, 10-18.	1.3	7
111	A cascaded nested network for 3T brain MR image segmentation guided by 7T labeling. Pattern Recognition, 2022, 124, 108420.	8.1	7
112	Level Set Segmentation Based on Local Gaussian Distribution Fitting. Lecture Notes in Computer Science, 2010, , 293-302.	1.3	6
113	Learningâ€based 3T brain MRI segmentation with guidance from 7T MRI labeling. Medical Physics, 2016, 43, 6588-6597.	3.0	6
114	Early-Life Nutrition and Cognitive Development: Imaging Approaches. Nestle Nutrition Institute Workshop Series, 2019, 90, 121-135.	0.1	6
115	Automatic brain extraction from 3D fetal MR image with deep learning-based multi-step framework. Computerized Medical Imaging and Graphics, 2021, 88, 101848.	5.8	6
116	ABCnet: Adversarial bias correction network for infant brain MR images. Medical Image Analysis, 2021, 72, 102133.	11.6	6
117	Harmonized neonatal brain MR image segmentation model for cross-site datasets. Biomedical Signal Processing and Control, 2021, 69, 102810.	5.7	6
118	Semi-supervised Transfer Learning for Infant Cerebellum Tissue Segmentation. Lecture Notes in Computer Science, 2020, 12436, 663-673.	1.3	6
119	Craniomaxillofacial Deformity Correction via Sparse Representation in Coherent Space. Lecture Notes in Computer Science, 2015, , 69-76.	1.3	5
120	Exploring Gyral Patterns of Infant Cortical Folding Based on Multi-view Curvature Information. Lecture Notes in Computer Science, 2017, 10433, 12-20.	1.3	5
121	Spherical U-Net For Infant Cortical Surface Parcellation. , 2019, 2019, 1882-1886.		5
122	A Deep Network for Joint Registration and Parcellation of Cortical Surfaces. Lecture Notes in Computer Science, 2021, , 171-181.	1.3	5
123	Accurate and Consistent 4D Segmentation of Serial Infant Brain MR Images. Lecture Notes in Computer Science, 2011, , 93-101.	1.3	5
124	Longitudinal Guided Super-Resolution Reconstruction of Neonatal Brain MR Images. Lecture Notes in Computer Science, 2015, 8682, 67-76.	1.3	5
125	Path Signature Neural Network of Cortical Features for Prediction of Infant Cognitive Scores. IEEE Transactions on Medical Imaging, 2022, 41, 1665-1676.	8.9	5
126	Adaptive-Guided-Coupling-Probability Level Set for Retinal Layer Segmentation. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3236-3247.	6.3	4

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127	Surface-Volume Consistent Construction of Longitudinal Atlases for the Early Developing Brain. Lecture Notes in Computer Science, 2019, 11765, 815-822.	1.3	4
128	Estimating Anatomically-Correct Reference Model for Craniomaxillofacial Deformity via Sparse Representation. Lecture Notes in Computer Science, 2014, 17, 73-80.	1.3	4
129	Parcellation of Infant Surface Atlas Using Developmental Trajectories of Multidimensional Cortical Attributes. Lecture Notes in Computer Science, 2015, 9351, 543-550.	1.3	4
130	Automated Segmentation of CBCT Image with Prior-Guided Sequential Random Forest. Lecture Notes in Computer Science, 2016, , 72-82.	1.3	4
131	Atlas Construction via Dictionary Learning and Group Sparsity. Lecture Notes in Computer Science, 2012, 15, 247-255.	1.3	4
132	LINKS: Learning-Based Multi-source IntegratioN FrameworK for Segmentation of Infant Brain Images. Lecture Notes in Computer Science, 2014, , 22-33.	1.3	4
133	Longitudinal brain atlases of early developing cynomolgus macaques from birth to 48 months of age. NeuroImage, 2022, 247, 118799.	4.2	4
134	Neural alterations in opioid-exposed infants revealed by edge-centric brain functional networks. Brain Communications, 2022, 4, .	3.3	4
135	Learning-Based 3T Brain MRI Segmentation with Guidance from 7T MRI Labeling. Lecture Notes in Computer Science, 2016, 10019, 213-220.	1.3	3
136	Topological Correction of Infant Cortical Surfaces Using Anatomically Constrained U-Net. Lecture Notes in Computer Science, 2018, , 125-133.	1.3	3
137	A computational method for longitudinal mapping of orientation-specific expansion of cortical surface in infants. Medical Image Analysis, 2018, 49, 46-59.	11.6	3
138	Cortical Foldingprints for Infant Identification. , 2019, 2019, 396-399.		3
139	Opencc â€“ an open Benchmark data set for Corpus Callosum Segmentation and Evaluation. , 2020, , .		3
140	Siamese Verification Framework for Autism Identification During Infancy Using Cortical Path Signature Features. , 2020, 2020, .		3
141	Automatic Accurate Infant Cerebellar Tissue Segmentation with Densely Connected Convolutional Network. Lecture Notes in Computer Science, 2018, 11046, 233-240.	1.3	3
142	Infant Cognitive Scores Prediction with Multi-stream Attention-Based Temporal Path Signature Features. Lecture Notes in Computer Science, 2020, 12267, 134-144.	1.3	3
143	A Deep Spatial Context Guided Framework for Infant Brain Subcortical Segmentation. Lecture Notes in Computer Science, 2020, 12267, 646-656.	1.3	3
144	Disentangled Intensive Triplet Autoencoder for Infant Functional Connectome Fingerprinting. Lecture Notes in Computer Science, 2020, 12267, 72-82.	1.3	3

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145	Sparsity-Learning-Based Longitudinal MR Image Registration for Early Brain Development. Lecture Notes in Computer Science, 2014, , 1-8.	1.3	3
146	4D Segmentation of Longitudinal Brain MR Images with Consistent Cortical Thickness Measurement. Lecture Notes in Computer Science, 2012, , 63-75.	1.3	3
147	Segmenting Hippocampus from 7.0 Tesla MR Images by Combining Multiple Atlases and Auto-Context Models. Lecture Notes in Computer Science, 2011, , 100-108.	1.3	3
148	Developmental abnormalities of structural covariance networks of cortical thickness and surface area in autistic infants within the first 2Âyears. Cerebral Cortex, 2022, 32, 3786-3798.	2.9	3
149	A computational method for longitudinal mapping of orientation-specific expansion of cortical surface area in infants. , 2018, 2018, 683-686.		2
150	Construction of 4D Neonatal Cortical Surface Atlases Using Wasserstein Distance. , 2019, 2019, 995-998.		2
151	Reference-Relation Guided Autoencoder with Deep CCA Restriction for Awake-to-Sleep Brain Functional Connectome Prediction. Lecture Notes in Computer Science, 2021, , 231-240.	1.3	2
152	Construction of Longitudinally Consistent 4D Infant Cerebellum Atlases Based onÂDeep Learning. Lecture Notes in Computer Science, 2021, 12904, 139-149.	1.3	2
153	Unsupervised Learning for Spherical Surface Registration. Lecture Notes in Computer Science, 2020, 12436, 373-383.	1.3	2
154	Joint Segmentation and Registration for Infant Brain Images. Lecture Notes in Computer Science, 2014, , 13-21.	1.3	2
155	Online Discriminative Multi-atlas Learning for Isointense Infant Brain Segmentation. Lecture Notes in Computer Science, 2014, , 297-305.	1.3	2
156	Revealing Developmental Regionalization of Infant Cerebral Cortex Based on Multiple Cortical Properties. Lecture Notes in Computer Science, 2019, 11765, 841-849.	1.3	2
157	Alterations in motor functional connectivity in Neonatal Hypoxic Ischemic Encephalopathy. Brain Injury, 2022, 36, 287-294.	1.2	2
158	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 935-948.	1.5	2
159	Influence of Gonadal Steroids on Cortical Surface Area in Infancy. Cerebral Cortex, 2021, , .	2.9	2
160	Spherical Transformer for Quality Assessment of Pediatric Cortical Surfaces. , 2022, 2022, .		2
161	Measuring longitudinally dynamic cortex development in infants by reconstruction of consistent cortical surfaces. , 2013, , .		1
162	Patch-driven neonatal brain MRI segmentation with sparse representation and level sets. , 2013, , .		1

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163	Automatic Craniomaxillofacial Landmark Digitization via Segmentation-Guided Partially-Joint Regression Forest Model. Lecture Notes in Computer Science, 2015, , 661-668.	1.3	1
164	Learning Infant Brain Developmental Connectivity for Cognitive Score Prediction. Lecture Notes in Computer Science, 2021, , 228-237.	1.3	1
165	LATEST: Local AdapTivE and Sequential Training for Tissue Segmentation of Isointense Infant Brain MR Images. Lecture Notes in Computer Science, 2017, 2017, 26-34.	1.3	1
166	Automatic Segmentation of Neonatal Images Using Convex Optimization and Coupled Level Set Method. Lecture Notes in Computer Science, 2010, , 1-10.	1.3	1
167	Soft-Split Random Forest for Anatomy Labeling. Lecture Notes in Computer Science, 2015, 9352, 17-25.	1.3	1
168	Isointense Infant Brain Segmentation by Stacked Kernel Canonical Correlation Analysis. Lecture Notes in Computer Science, 2015, 9467, 28-36.	1.3	1
169	Developmental Patterns Based Individualized Parcellation of Infant Cortical Surface. Lecture Notes in Computer Science, 2017, 10433, 66-74.	1.3	1
170	Construction of Spatiotemporal Infant Cortical Surface Functional Templates. Lecture Notes in Computer Science, 2020, 12267, 238-248.	1.3	1
171	Cerebellum Tissue Segmentation with Ensemble Sparse Learning. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2017, 25, .	0.5	1
172	Segmentation with varying contrasts of pediatric MRI. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 265-286.	0.1	1
173	Charting Development-Based Joint Parcellation Maps Of Human and Macaque Brains During Infancy. , 2019, 2019, 422-425.		0
174	Patient-Specific Reference Model for Planning Orthognathic Surgery. , 2021, , 105-114.		0
175	Machine Learning for CBCT Segmentation of Craniomaxillofacial Bony Structures. , 2021, , 3-13.		0
176	Hierarchical Multi-modal Image Registration by Learning Common Feature Representations. Lecture Notes in Computer Science, 2015, 9352, 203-211.	1.3	0
177	CNS: CycleGAN-Assisted Neonatal Segmentation Model for Cross-Datasets. Lecture Notes in Computer Science, 2019, , 172-179.	1.3	0
178	Gyral Growth Patterns of Macaque Brains Revealed by Scattered Orthogonal Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2020, , 394-403.	1.3	0
179	Surface-based analysis of the developing cerebral cortex. Advances in Magnetic Resonance Technology and Applications, 2021, , 287-307.	0.1	0
180	A robust parametric method for bias field estimation and segmentation of MR images. , 2009, , .		0