

Yahui Peng

List of Publications by Year in descending order

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69
papers

1,324
citations

394390

19
h-index

361001

35
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70
all docs

70
docs citations

70
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Analysis of Multiparametric Prostate MR Images: Differentiation between Prostate Cancer and Normal Tissue and Correlation with Gleason Score—A Computer-aided Diagnosis Development Study. <i>Radiology</i> , 2013, 267, 787-796.	7.3	229
2	Cell Distance Mapping Identifies Functional T Follicular Helper Cells in Inflamed Human Renal Tissue. <i>Science Translational Medicine</i> , 2014, 6, 230ra46.	12.4	162
3	Seminal Vesicle Invasion in Prostate Cancer: Evaluation by Using Multiparametric Endorectal MR Imaging. <i>Radiology</i> , 2013, 267, 797-806.	7.3	90
4	Validation of Quantitative Analysis of Multiparametric Prostate MR Images for Prostate Cancer Detection and Aggressiveness Assessment: A Cross-Imager Study. <i>Radiology</i> , 2014, 271, 461-471.	7.3	72
5	Dynamic Contrast-enhanced MR Imaging Curve-type Analysis: Is It Helpful in the Differentiation of Prostate Cancer from Healthy Peripheral Zone?. <i>Radiology</i> , 2015, 275, 448-457.	7.3	71
6	Uncertainty Aware Temporal-Ensembling Model for Semi-Supervised ABUS Mass Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 431-443.	8.9	54
7	Apparent Diffusion Coefficient for Prostate Cancer Imaging: Impact of b Values. <i>American Journal of Roentgenology</i> , 2014, 202, W247-W253.	2.2	51
8	Magnetic resonance imaging of benign prostatic hyperplasia. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 215-219.	1.5	39
9	Computer-aided identification of prostatic adenocarcinoma: Segmentation of glandular structures. <i>Journal of Pathology Informatics</i> , 2011, 2, 33.	1.7	37
10	Hybrid multidimensional T ₂ and diffusion-weighted MRI for prostate cancer detection. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 781-788.	3.4	37
11	Prostate Volumes Derived From MRI and Volume-Adjusted Serum Prostate-Specific Antigen: Correlation With Gleason Score of Prostate Cancer. <i>American Journal of Roentgenology</i> , 2013, 201, 1041-1048.	2.2	31
12	MRI evaluation of benign prostatic hyperplasia: Correlation with international prostate symptom score. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 917-925.	3.4	30
13	Breast cancer classification in pathological images based on hybrid features. <i>Multimedia Tools and Applications</i> , 2019, 78, 21325-21345.	3.9	28
14	Short-term reproducibility of apparent diffusion coefficient estimated from diffusion-weighted MRI of the prostate. <i>Abdominal Imaging</i> , 2015, 40, 2523-2528.	2.0	27
15	Unsupervised Cross Domain Person Re-Identification by Multi-Loss Optimization Learning. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 2935-2946.	9.8	27
16	Lung Nodule Segmentation with a Region-Based Fast Marching Method. <i>Sensors</i> , 2021, 21, 1908.	3.8	24
17	Dynamic Contrast-enhanced MR Imaging Features of the Normal Central Zone of the Prostate. <i>Academic Radiology</i> , 2014, 21, 569-577.	2.5	23
18	MRI-based prostate volume-adjusted prostate-specific antigen in the diagnosis of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1733-1739.	3.4	23

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19	Robust Memristive Fiber for Woven Textile Memristor. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	23
20	Bclá€2 as a Therapeutic Target in Human Tubulointerstitial Inflammation. <i>Arthritis and Rheumatology</i> , 2016, 68, 2740-2751.	5.6	22
21	A study of T2-weighted MR image texture features and diffusion-weighted MR image features for computer-aided diagnosis of prostate cancer. , 2013, , .		19
22	Dilated densely connected U-Net with uncertainty focus loss for 3D ABUS mass segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 209, 106313.	4.7	19
23	Pilot Study of the Use of Hybrid Multidimensional T2-Weighted Imagingâ€“DWI for the Diagnosis of Prostate Cancer and Evaluation of Gleason Score. <i>American Journal of Roentgenology</i> , 2016, 207, 592-598.	2.2	18
24	Multi-parametric MR imaging of the anterior fibromuscular stroma and its differentiation from prostate cancer. <i>Abdominal Radiology</i> , 2017, 42, 926-934.	2.1	18
25	Mass classification in mammograms based on two-concentric masks and discriminating texton. <i>Pattern Recognition</i> , 2016, 60, 648-656.	8.1	14
26	A super-resolution method-based pipeline for fundus fluorescein angiography imaging. <i>BioMedical Engineering OnLine</i> , 2018, 17, 125.	2.7	11
27	Measurements of Hepatic Metastasis on MR Imaging:. <i>Academic Radiology</i> , 2016, 23, 132-143.	2.5	9
28	MAFusion: Multiscale Attention Network for Infrared and Visible Image Fusion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-16.	4.7	9
29	Computer-aided Detection of Prostate Cancer on Tissue Sections. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2009, 17, 442-450.	1.2	8
30	Segmentation of prostatic glands in histology images. , 2011, , .		8
31	Intrusion Detection and Tracking at Railway Crossing. , 2019, , .		8
32	Adaptive Weighting Landmark-Based Group-Wise Registration on Lung DCE-MRI Images. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 673-687.	8.9	8
33	Inter-cluster and intra-cluster joint optimization for unsupervised cross-domain person re-identification. <i>Knowledge-Based Systems</i> , 2022, 251, 109162.	7.1	7
34	Revisiting the central gland anatomy via MRI: Does the central gland extend below the level of verumontanum?. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 167-171.	3.4	6
35	Three-Dimensional Measurement of TRISO Coated Particle Using Micro Computed Tomography. <i>Science and Technology of Nuclear Installations</i> , 2019, 2019, 1-8.	0.8	6
36	A Novel Network Based on Densely Connected Fully Convolutional Networks for Segmentation of Lung Tumors on Multi-Modal MR Images. , 2019, , .		5

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37	Synchrotron phase-contrast CT to segment the structure boundaries of a TRISO-coated particle. NDT and E International, 2019, 103, 12-18.	3.7	5
38	Comparison of Four Forward Models for Breast Imaging in Ultrasound Computed Tomography. Chinese Journal of Electronics, 2019, 28, 805-816.	1.5	5
39	Numerical Study of Square Border Ultrasonic Transducer Element Arrays for Breast Imaging in Ultrasound Computed Tomography with Waveform Inversion Method. Chinese Journal of Electronics, 2019, 28, 1000-1007.	1.5	4
40	Motion correction and noise removing in lung diffusion-weighted MRI using low-rank decomposition. Medical and Biological Engineering and Computing, 2020, 58, 2095-2105.	2.8	4
41	Ultrasound Computed Tomography of Knee Joint. Chinese Journal of Electronics, 2020, 29, 705-716.	1.5	4
42	Reference-tissue correction of T2-weighted signal intensity for prostate cancer detection. , 2014, , .		3
43	Uniformity Assessment of TRISO Fuel Particle Distribution in Spherical HTGR Fuel Element Using Voronoi Tessellation and Delaunay Triangulation. Science and Technology of Nuclear Installations, 2018, 2018, 1-6.	0.8	3
44	Simulation and performance study of circular ultrasonic array for tubesâ€™ internal inspection. Ultrasonics, 2021, 116, 106508.	3.9	3
45	Features extraction of prostate with graph spectral method for prostate cancer detection. , 2016, , .		2
46	Reducing non-realistic deformations in registration using precise and reliable landmark correspondences. Computers in Biology and Medicine, 2019, 115, 103515.	7.0	2
47	Spatial Uniformity Assessment of Particles Distributed in a Spherical Fuel Element Using a Non-Destructive Approach. Scientific Reports, 2019, 9, 7885.	3.3	2
48	Development and Validation of Independent Dual-Focusing Transducer for Internal Inspection of Tubes. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2227-2237.	3.0	2
49	Pulmonary MRI Radiomics and Machine Learning: Effect of Intralesional Heterogeneity on Classification of Lesion. Academic Radiology, 2021, , .	2.5	2
50	1718: Automated Prostate Cancer Detection System Using Immunohistochemical Images of the Prostate. Journal of Urology, 2007, 177, 571-572.	0.4	2
51	Background estimation and player detection in badminton video clips using histogram of pixel values along temporal dimension. Proceedings of SPIE, 2015, , .	0.8	1
52	Hybrid T ₂ -weighted and diffusion-weighted magnetic resonance imaging for differentiating prostate cancer from benign prostatic hyperplasia. , 2017, , .		1
53	An atlas-based multimodal registration method for 2D images with discrepancy structures. Medical and Biological Engineering and Computing, 2018, 56, 2151-2161.	2.8	1
54	Liver Surface Nodularity for Classification of Cirrhosis and Normal Liver. , 2019, , .		1

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55	Boundary Loss with Non-Euclidean Distance Constraint for ABUS Mass Segmentation. , 2020, , .		1
56	Probe Sector Matching for Freehand 3D Ultrasound Reconstruction. Sensors, 2020, 20, 3146.	3.8	1
57	AMRSegNet: adaptive modality recalibration network for lung tumor segmentation on multi-modal MR images. Multimedia Tools and Applications, 2021, 80, 33779-33797.	3.9	1
58	Computerized image analysis of cell-cell interactions in human renal tissue by using multi-channel immunoflourescent confocal microscopy. , 2012, , .		0
59	Registration of T2-weighted and diffusion-weighted MR images of the prostate: comparison between manual and landmark-based methods. Proceedings of SPIE, 2012, , .	0.8	0
60	Graph-based prostate extraction in T2-weighted images for prostate cancer detection. , 2015, , .		0
61	Computer analysis of three dimensional morphological characteristics of the bile duct. Proceedings of SPIE, 2017, , .	0.8	0
62	Agreement assessment in size measurement of hepatic metastases. Proceedings of SPIE, 2017, , .	0.8	0
63	Bandwidth analysis of IEEE 802.11AC protocol on ARM platforms: Potential influencing factors. Procedia Computer Science, 2017, 111, 167-173.	2.0	0
64	Density Reconstruction Algorithm In Ultrasound Computed Tomography Using Full Waveform Inversion With Source Encoding. , 2020, , .		0
65	Improved Minimum-Volume Enclosing Simplex Algorithm for Prostate DCE-MRI Analysis. , 2021, , .		0
66	Diffusion-weighted Magnetic Resonance Imaging and Receiver Operating Characteristic (ROC) Analysis for Lung Cancer Diagnosis. , 2015, , .		0
67	Cone Beam CT Series Images Rigid Registration for Temporomandibular Joint via Self-supervised Learning Network. , 2021, , .		0
68	An Automated Segmentation of the Temporomandibular Joint in Small Field-of-View CBCT. , 2021, , .		0
69	Unpaired multi-modal tumor segmentation with structure adaptation. Applied Intelligence, 0, , .	5.3	0