

Shuo Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

3,040
citations

29
h-index

48
g-index

175
ext. papers

3,814
ext. citations

7
avg, IF

5.73
L-index

#	Paper	IF	Citations
161	Incremental learning for ESupport Vector Regression. <i>Neural Networks</i> , 2015 , 67, 140-50	9.1	392
160	Multi-scale deep networks and regression forests for direct bi-ventricular volume estimation. <i>Medical Image Analysis</i> , 2016 , 30, 120-129	15.4	86
159	Spine-GAN: Semantic segmentation of multiple spinal structures. <i>Medical Image Analysis</i> , 2018 , 50, 23-35	15.4	75
158	Discovery of membrane active benzimidazole quinolones-based topoisomerase inhibitors as potential DNA-binding antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 111, 160-82	6.8	74
157	Robust estimation of carotid artery wall motion using the elasticity-based state-space approach. <i>Medical Image Analysis</i> , 2017 , 37, 1-21	15.4	71
156	Discovery of 2-aminothiazolyl berberine derivatives as effectively antibacterial agents toward clinically drug-resistant Gram-negative <i>Acinetobacter baumannii</i> . <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 15-37	6.8	64
155	Multi-Target Regression via Robust Low-Rank Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 497-504	13.3	64
154	Max-flow segmentation of the left ventricle by recovering subject-specific distributions via a bound of the Bhattacharyya measure. <i>Medical Image Analysis</i> , 2012 , 16, 87-100	15.4	59
153	Regional assessment of cardiac left ventricular myocardial function via MRI statistical features. <i>IEEE Transactions on Medical Imaging</i> , 2014 , 33, 481-94	11.7	55
152	Semi-automatic computer aided lesion detection in dental X-rays using variational level set. <i>Pattern Recognition</i> , 2007 , 40, 2861-2873	7.7	54
151	Multi-modal vertebrae recognition using Transformed Deep Convolution Network. <i>Computerized Medical Imaging and Graphics</i> , 2016 , 51, 11-9	7.6	54
150	Embedding overlap priors in variational left ventricle tracking. <i>IEEE Transactions on Medical Imaging</i> , 2009 , 28, 1902-13	11.7	53
149	Intervertebral disc segmentation in MR images using anisotropic oriented flux. <i>Medical Image Analysis</i> , 2013 , 17, 43-61	15.4	50
148	Automated comprehensive Adolescent Idiopathic Scoliosis assessment using MVC-Net. <i>Medical Image Analysis</i> , 2018 , 48, 1-11	15.4	50
147	Microalgal lipids production and nutrients recovery from landfill leachate using membrane photobioreactor. <i>Bioresource Technology</i> , 2019 , 277, 18-26	11	47
146	Multi-Modality Vertebra Recognition in Arbitrary Views Using 3D Deformable Hierarchical Model. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1676-93	11.7	46
145	Simultaneous left atrium anatomy and scar segmentations via deep learning in multiview information with attention. <i>Future Generation Computer Systems</i> , 2020 , 107, 215-228	7.5	44

144	Direct estimation of cardiac biventricular volumes with an adapted Bayesian formulation. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 1251-60	5	44
143	Regression Segmentation for MRI Spinal Images. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1640-8	11.7	41
142	Quinazolinone azolyl ethanols: potential lead antimicrobial agents with dual action modes targeting methicillin-resistant Staphylococcus aureus DNA. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1927-1940	4.1	41
141	Aggregation-induced emission active tetraphenylethene-based sensor for uranyl ion detection. <i>Journal of Hazardous Materials</i> , 2016 , 318, 363-370	12.8	40
140	Learning the implicit strain reconstruction in ultrasound elastography using privileged information. <i>Medical Image Analysis</i> , 2019 , 58, 101534	15.4	38
139	Graph cuts with invariant object-interaction priors: application to intervertebral disc segmentation. <i>Lecture Notes in Computer Science</i> , 2011 , 22, 221-32	0.9	37
138	An automatic variational level set segmentation framework for computer aided dental X-rays analysis in clinical environments. <i>Computerized Medical Imaging and Graphics</i> , 2006 , 30, 65-74	7.6	35
137	Direct estimation of cardiac bi-ventricular volumes with regression forests. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 586-93	0.9	34
136	Ethylenic conjugated coumarin thiazolidinediones as new efficient antimicrobial modulators against clinical methicillin-resistant Staphylococcus aureus. <i>Bioorganic Chemistry</i> , 2020 , 94, 103434	5.1	34
135	Design, synthesis and biological evaluation of novel Schiff base-bridged tetrahydroprotoberberine triazoles as a new type of potential antimicrobial agents. <i>MedChemComm</i> , 2017 , 8, 907-916	5	32
134	Direct and simultaneous estimation of cardiac four chamber volumes by multioutput sparse regression. <i>Medical Image Analysis</i> , 2017 , 36, 184-196	15.4	31
133	Automatic clinical image segmentation using pathological modeling, PCA and SVM. <i>Engineering Applications of Artificial Intelligence</i> , 2006 , 19, 403-410	7.2	31
132	Tripartite-GAN: Synthesizing liver contrast-enhanced MRI to improve tumor detection. <i>Medical Image Analysis</i> , 2020 , 63, 101667	15.4	29
131	Regional heart motion abnormality detection: an information theoretic approach. <i>Medical Image Analysis</i> , 2013 , 17, 311-24	15.4	28
130	Image Projection Network: 3D to 2D Image Segmentation in OCTA Images. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 3343-3354	11.7	27
129	Left ventricle segmentation via graph cut distribution matching. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 901-9	0.9	27
128	Privileged Modality Distillation for Vessel Border Detection in Intracoronary Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 1524-1534	11.7	27
127	Novel potentially antibacterial naphthalimide-derived metronidazoles: Design, synthesis, biological evaluation and supramolecular interactions with DNA, human serum albumin and topoisomerase II. <i>Chinese Chemical Letters</i> , 2017 , 28, 1369-1374	8.1	26

126	Accurate automated Cobb angles estimation using multi-view extrapolation net. <i>Medical Image Analysis</i> , 2019 , 58, 101542	15.4	26
125	Direct Cup-to-Disc Ratio Estimation for Glaucoma Screening via Semi-Supervised Learning. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 1104-1113	7.2	26
124	Biodegradable cross-linked poly(amino alcohol esters) based on LMW PEI for gene delivery. <i>Molecular BioSystems</i> , 2011 , 7, 1254-62		24
123	A Statistical Overlap Prior for Variational Image Segmentation. <i>International Journal of Computer Vision</i> , 2009 , 85, 115-132	10.6	24
122	K-Net: Integrate Left Ventricle Segmentation and Direct Quantification of Paired Echo Sequence. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 1690-1702	11.7	24
121	Segmentation and quantification of infarction without contrast agents via spatiotemporal generative adversarial learning. <i>Medical Image Analysis</i> , 2020 , 59, 101568	15.4	24
120	Direct automated quantitative measurement of spine by cascade amplifier regression network with manifold regularization. <i>Medical Image Analysis</i> , 2019 , 55, 103-115	15.4	23
119	A Convex Max-Flow Approach to Distribution-Based Figure-Ground Separation. <i>SIAM Journal on Imaging Sciences</i> , 2012 , 5, 1333-1354	1.9	23
118	Cardiac-DeepIED: Automatic Pixel-Level Deep Segmentation for Cardiac Bi-Ventricle Using Improved End-to-End Encoder-Decoder Network. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2019 , 7, 1900110	3	22
117	Direct and Simultaneous Four-Chamber Volume Estimation by Multi-Output Regression. <i>Lecture Notes in Computer Science</i> , 2015 , 669-676	0.9	21
116	Deep Atlas Network for Efficient 3D Left Ventricle Segmentation on Echocardiography. <i>Medical Image Analysis</i> , 2020 , 61, 101638	15.4	21
115	The synthesis and activities of novel mononuclear or dinuclear cyclen complexes bearingazole pendants as antibacterial and antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 84, 677-86	6.8	21
114	PV-LVNet: Direct left ventricle multitype indices estimation from 2D echocardiograms of paired apical views with deep neural networks. <i>Medical Image Analysis</i> , 2019 , 58, 101554	15.4	20
113	Contrast agent-free synthesis and segmentation of ischemic heart disease images using progressive sequential causal GANs. <i>Medical Image Analysis</i> , 2020 , 62, 101668	15.4	20
112	Fluorogenic Thorium Sensors Based on 2,6-Pyridinedicarboxylic Acid-Substituted Tetraphenylethenes with Aggregation-Induced Emission Characteristics. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 49-53	4.5	20
111	Flexible amine-functionalized triphenylamine derivative as a fluorescent light-up probe for G-quadruplex DNA. <i>Dyes and Pigments</i> , 2017 , 136, 78-84	4.6	20
110	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4092-4100	10.7	20
109	Molecular design and preparation of 2-aminothiazole sulfanilamide oximes as membrane active antibacterial agents for drug resistant <i>Acinetobacter baumannii</i> . <i>Bioorganic Chemistry</i> , 2021 , 113, 105039	5.1	20

108	An Automated and Accurate Spine Curve Analysis System. <i>IEEE Access</i> , 2019 , 7, 124596-124605	3.5	18
107	Reversible PEGylation and Schiff-base linked imidazole modification of polylysine for high-performance gene delivery. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1507-1517	7.3	18
106	A triphenylamine-based colorimetric and fluorescent probe with donor-bridge-acceptor structure for detection of G-quadruplex DNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5672-6	2.9	18
105	Development of the aza-crown ether metal complexes as artificial hydrolase. <i>Journal of Inorganic Biochemistry</i> , 2016 , 154, 89-102	4.2	18
104	Unsupervised boundary delineation of spinal neural foramina using a multi-feature and adaptive spectral segmentation. <i>Medical Image Analysis</i> , 2017 , 36, 22-40	15.4	18
103	Distribution Matching with the Bhattacharyya Similarity: A Bound Optimization Framework. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 1777-91	13.3	17
102	Supervised descriptor learning for multi-output regression 2015 ,		17
101	Multitarget Sparse Latent Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1575-1586	10.3	16
100	Biodegradable cyclen-based linear and cross-linked polymers as non-viral gene vectors. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 1380-7	3.4	16
99	Direct Segmentation-Based Full Quantification for Left Ventricle via Deep Multi-Task Regression Learning Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019 , 23, 942-948	7.2	16
98	Multitask Learning for Estimating Multitype Cardiac Indices in MRI and CT Based on Adversarial Reverse Mapping. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 493-506	10.3	16
97	Graph cut segmentation with a global constraint: Recovering region distribution via a bound of the Bhattacharyya measure 2010 ,		15
96	Tracking endocardial motion via multiple model filtering. <i>IEEE Transactions on Biomedical Engineering</i> , 2010 , 57, 2001-10	5	15
95	Detection of left ventricular motion abnormality via information measures and bayesian filtering. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010 , 14, 1106-13		15
94	Automated Pathogenesis-Based Diagnosis of Lumbar Neural Foraminal Stenosis via Deep Multiscale Multitask Learning. <i>Neuroinformatics</i> , 2018 , 16, 325-337	3.2	14
93	Automatic spondylolisthesis grading from MRIs across modalities using faster adversarial recognition network. <i>Medical Image Analysis</i> , 2019 , 58, 101533	15.4	14
92	Left ventricle tracking using overlap priors. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 1025-33	0.9	14
91	Global assessment of cardiac function using image statistics in MRI. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 535-43	0.9	14

90	Exogenous Diethyl Aminoethyl Hexanoate, a Plant Growth Regulator, Highly Improved the Salinity Tolerance of Important Medicinal Plant <i>Cassia obtusifolia</i> L.. <i>Journal of Plant Growth Regulation</i> , 2016 , 35, 330-344	4.7	14
89	Automated segmentation and area estimation of neural foramina with boundary regression model. <i>Pattern Recognition</i> , 2017 , 63, 625-641	7.7	12
88	Multi-indices quantification of optic nerve head in fundus image via multitask collaborative learning. <i>Medical Image Analysis</i> , 2020 , 60, 101593	15.4	12
87	Commensal correlation network between segmentation and direct area estimation for bi-ventricle quantification. <i>Medical Image Analysis</i> , 2020 , 59, 101591	15.4	12
86	MB-FSGAN: Joint segmentation and quantification of kidney tumor on CT by the multi-branch feature sharing generative adversarial network. <i>Medical Image Analysis</i> , 2020 , 64, 101721	15.4	11
85	MMCL-Net: Spinal disease diagnosis in global mode using progressive multi-task joint learning. <i>Neurocomputing</i> , 2020 , 399, 307-316	5.4	11
84	Beat-to-Beat Blood Pressure and Two-dimensional (axial and radial) Motion of the Carotid Artery Wall: Physiological Evaluation of Arterial Stiffness. <i>Scientific Reports</i> , 2017 , 7, 42254	4.9	10
83	Discovery of unique thiazolidinone-conjugated coumarins as novel broad spectrum antibacterial agents.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 232, 114192	6.8	10
82	Estimating dual-energy CT imaging from single-energy CT data with material decomposition convolutional neural network. <i>Medical Image Analysis</i> , 2021 , 70, 102001	15.4	10
81	Descriptor Learning via Supervised Manifold Regularization for Multioutput Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2035-2047	10.3	9
80	Regional heart motion abnormality detection via information measures and unscented Kalman filtering. <i>Lecture Notes in Computer Science</i> , 2010 , 13, 409-17	0.9	9
79	Direct Quantification of Coronary Artery Stenosis Through Hierarchical Attentive Multi-View Learning. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 4322-4334	11.7	9
78	Dihydropyrimidinone imidazoles as unique structural antibacterial agents for drug-resistant gram-negative pathogens.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 232, 114188	6.8	8
77	Synthesis of gadolinium-enhanced liver tumors on nonenhanced liver MR images using pixel-level graph reinforcement learning. <i>Medical Image Analysis</i> , 2021 , 69, 101976	15.4	8
76	Weakly-Supervised teacher-Student network for liver tumor segmentation from non-enhanced images. <i>Medical Image Analysis</i> , 2021 , 70, 102005	15.4	8
75	Automatic vertebrae recognition from arbitrary spine MRI images by a category-Consistent self-calibration detection framework. <i>Medical Image Analysis</i> , 2021 , 67, 101826	15.4	8
74	Unifying neural learning and symbolic reasoning for spinal medical report generation. <i>Medical Image Analysis</i> , 2021 , 67, 101872	15.4	8
73	An integrated deep learning framework for joint segmentation of blood pool and myocardium. <i>Medical Image Analysis</i> , 2020 , 62, 101685	15.4	7

72	MRLN: Multi-Task Relational Learning Network for MRI Vertebral Localization, Identification, and Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 2902-2911	7.2	7
71	Colorimetric detection of Cu ²⁺ and UO ₂ ²⁺ by mixed solvent effect. <i>Dyes and Pigments</i> , 2018 , 152, 67-74	4.6	7
70	Polyethylenimine analogs for improved gene delivery: effect of the type of amino groups. <i>RSC Advances</i> , 2016 , 6, 5391-5400	3.7	7
69	A far-red aza-crown ether fluorescent probe for selective G-quadruplex DNA targeting. <i>Dyes and Pigments</i> , 2020 , 176, 108222	4.6	6
68	Unsupervised Freeview Groupwise Cardiac Segmentation Using Synchronized Spectral Network. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 2174-2188	11.7	6
67	Activity of a New Metallomicelle Catalytic System on the Hydrolysis of bis(4-nitrophenyl) Phosphate Ester. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 411-417	1.5	6
66	Tracking distributions with an overlap prior 2008 ,		6
65	Radiomics-guided GAN for Segmentation of Liver Tumor Without Contrast Agents. <i>Lecture Notes in Computer Science</i> , 2019 , 237-245	0.9	6
64	Assessment of regional myocardial function via statistical features in MR images. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 107-14	0.9	6
63	Sequential conditional reinforcement learning for simultaneous vertebral body detection and segmentation with modeling the spine anatomy. <i>Medical Image Analysis</i> , 2021 , 67, 101861	15.4	6
62	Coumarin thiazoles as unique structural skeleton of potential antimicrobial agents.. <i>Bioorganic Chemistry</i> , 2022 , 124, 105855	5.1	6
61	Synthesis and Catalytic Activity of Activated Carbon Supported Sulfonated Cobalt Phthalocyanine in the Preparation of Dimethyl Disulfide. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 124	2.6	5
60	Multiple Axial Spine Indices Estimation via Dense Enhancing Network With Cross-Space Distance-Preserving Regularization. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 3248-3257	7.2	5
59	Unmodified and positively charged gold nanoparticles for sensitive colorimetric detection of folate receptor via terminal protection of small molecule-linked ssDNA. <i>Science China Chemistry</i> , 2016 , 59, 770-775	7.95	5
58	Detecting left ventricular impaired relaxation in cardiac MRI using moving mesh correspondences. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 124, 58-66	6.9	5
57	Toward automatic computer aided dental X-ray analysis using level set method. <i>Lecture Notes in Computer Science</i> , 2005 , 8, 670-8	0.9	5
56	EGDCL: An Adaptive Curriculum Learning Framework for Unbiased Glaucoma Diagnosis. <i>Lecture Notes in Computer Science</i> , 2020 , 190-205	0.9	5
55	Gradient competition anisotropy for centerline extraction and segmentation of spinal cords. <i>Lecture Notes in Computer Science</i> , 2013 , 23, 49-61	0.9	5

54	Dynamically constructed network with error correction for accurate ventricle volume estimation. <i>Medical Image Analysis</i> , 2020 , 64, 101723	15.4	5
53	Holistic multitask regression network for multiapplication shape regression segmentation. <i>Medical Image Analysis</i> , 2020 , 65, 101783	15.4	5
52	A triphenylamine derivative as a naked-eye and light-up fluorescent probe for G-quadruplex DNA. <i>Tetrahedron Letters</i> , 2016 , 57, 5042-5046	2	5
51	Thanka Mural Inpainting Based on Multi-Scale Adaptive Partial Convolution and Stroke-Like Mask. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3720-3733	8.7	5
50	Novel metronidazole-derived three-component hybrids as promising broad-spectrum agents to combat oppressive bacterial resistance.. <i>Bioorganic Chemistry</i> , 2022 , 122, 105718	5.1	5
49	HHQ-4, a quinoline derivate, preferentially inhibits proliferation of glucose-deprived breast cancer cells as a GRP78 down-regulator. <i>Toxicology and Applied Pharmacology</i> , 2019 , 373, 10-25	4.6	4
48	Direct estimation of left ventricular ejection fraction via a cardiac cycle feature learning architecture. <i>Computers in Biology and Medicine</i> , 2020 , 118, 103659	7	4
47	Estimating Functional Connectivity by Integration of Inherent Brain Function Activity Pattern Priors. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 2420-2430	3	4
46	S3egANet: 3D Spinal Structures Segmentation via Adversarial Nets. <i>IEEE Access</i> , 2020 , 8, 1892-1901	3.5	4
45	Myocardium tracking via matching distributions. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009 , 4, 37-44	3.9	4
44	Pixel level image fusion for medical imaging: an energy minimizing approach 2012 ,		4
43	DNA binding and cleavage properties of the Ce (III) complex of a diaza-crown ether. <i>Progress in Reaction Kinetics and Mechanism</i> , 2016 , 41, 39-47	0.5	4
42	DNA Cleavage and Condensation Activities of Mono- and Binuclear Hybrid Complexes and Regulation by Graphene Oxide. <i>Molecules</i> , 2016 , 21,	4.8	4
41	Isotope exchange reaction in tritium-contaminated vacuum pump oil: mechanism and HTO effect. <i>RSC Advances</i> , 2017 , 7, 890-896	3.7	3
40	Direct spondylolisthesis identification and measurement in MR/CT using detectors trained by articulated parameterized spine model 2017 ,		3
39	Unsupervised shape discovery using synchronized spectral networks. <i>Pattern Recognition</i> , 2017 , 69, 39-51.7	5.7	3
38	Medical image computing in diagnosis and intervention of spinal diseases. <i>Computerized Medical Imaging and Graphics</i> , 2015 , 45, 99-101	7.6	3
37	SDAE-GAN: Enable high-dimensional pathological images in liver cancer survival prediction with a policy gradient based data augmentation method. <i>Medical Image Analysis</i> , 2020 , 62, 101640	15.4	3

36	A far-red fluorescent probe for selective G-quadruplex DNA targeting. <i>Tetrahedron Letters</i> , 2018 , 59, 3272-3278	2	3
35	A level set segmentation for computer-aided dental x-ray analysis 2005 ,		3
34	Fast and robust clinical triple-region image segmentation using one level set function. <i>Lecture Notes in Computer Science</i> , 2006 , 9, 766-73	0.9	3
33	Deep Complementary Joint Model for Complex Scene Registration and Few-Shot Segmentation on Medical Images. <i>Lecture Notes in Computer Science</i> , 2020 , 770-786	0.9	3
32	Level set image segmentation with a statistical overlap constraint. <i>Lecture Notes in Computer Science</i> , 2009 , 21, 589-601	0.9	3
31	A convex max-flow segmentation of LV using subject-specific distributions on cardiac MRI. <i>Lecture Notes in Computer Science</i> , 2011 , 22, 171-83	0.9	3
30	Heart motion abnormality detection via an information measure and Bayesian filtering. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 373-80	0.9	3
29	Regional heart motion abnormality detection via multiview fusion. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 527-34	0.9	3
28	Few-shot Learning for Deformable Medical Image Registration with Perception-Correspondence Decoupling and Reverse Teaching. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	3
27	MCAL: An Anatomical Knowledge Learning Model for Myocardial Segmentation in 2D Echocardiography.. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022 , PP,	3.2	3
26	Theoretical investigation of the mechanism of tritiated methane dehydrogenation reaction using nickel-based catalysts. <i>Fusion Engineering and Design</i> , 2015 , 95, 91-98	1.7	2
25	Vessel Structure Extraction using Constrained Minimal Path Propagation. <i>Artificial Intelligence in Medicine</i> , 2020 , 105, 101846	7.4	2
24	Multi-task Shape Regression for Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2016 , 210-218	0.9	2
23	Motion learning-based framework for unarticulated shape animation. <i>Visual Computer</i> , 2007 , 23, 753-761.	1.3	2
22	Automatic Clinical Image Segmentation Using Pathological Modelling, PCA and SVM. <i>Lecture Notes in Computer Science</i> , 2005 , 314-324	0.9	2
21	Multi-index Optic Disc Quantification via MultiTask Ensemble Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 21-29	0.9	2
20	Automated Diagnosis of Neural Foraminal Stenosis Using Synchronized Superpixels Representation. <i>Lecture Notes in Computer Science</i> , 2016 , 335-343	0.9	2
19	Automated grading of lumbar disc degeneration via supervised distance metric learning 2017 ,		2

18	Dilated Divergence Based Scale-Space Representation for Curve Analysis. <i>Lecture Notes in Computer Science</i> , 2012 , 557-571	0.9	2
17	Quantifying Axial Spine Images Using Object-Specific Bi-Path Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 2978-2987	7.2	2
16	Report of Vertebra Segmentation Challenge in 2014 MICCAI Workshop on Computational Spine Imaging. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2015 , 247-259	0.3	1
15	Synthesis, Characterisation and Molecular Recognition of Novel Zn(II) Macrocyclic Complexes with Imidazole or Benzimidazole Pendants. <i>Journal of Chemical Research</i> , 2014 , 38, 102-107	0.6	1
14	Area prior constrained level set evolution for medical image segmentation 2008 ,		1
13	Unsupervised Free-View Groupwise Segmentation for M3 Cardiac Images Using Synchronized Spectral Network. <i>Lecture Notes in Computer Science</i> , 2015 , 280-288	0.9	1
12	Carotid Artery Wall Motion Estimated from Ultrasound Imaging Sequences Using a Nonlinear State Space Approach. <i>Lecture Notes in Computer Science</i> , 2016 , 98-106	0.9	1
11	Spine labeling in axial magnetic resonance imaging via integral kernels. <i>Computerized Medical Imaging and Graphics</i> , 2016 , 54, 27-34	7.6	1
10	TSU-net: Two-stage multi-scale cascade and multi-field fusion U-net for right ventricular segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 93, 101971	7.6	1
9	Reasoning discriminative dictionary-embedded network for fully automatic vertebrae tumor diagnosis.. <i>Medical Image Analysis</i> , 2022 , 79, 102456	15.4	1
8	Crystal structure of the Cu(II) complex chlorido-(6-oxo-2-phenyl-1,6-dihydropyrimidine-4-carboxylato-k2N,O)-(phenanthroline-k2N,N')copper(II) ρ .2 C23H15ClCuN4O3. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021 , 236, 109-111		0
7	OF-UMRN: Uncertainty-guided multitask regression network aided by optical flow for fully automated comprehensive analysis of carotid artery. <i>Medical Image Analysis</i> , 2021 , 70, 101982	15.4	0
6	APRIL: Anatomical prior-guided reinforcement learning for accurate carotid lumen diameter and intima-media thickness measurement. <i>Medical Image Analysis</i> , 2021 , 71, 102040	15.4	0
5	Characterization of shape memory silane cross-linked low-density polyethylene prepared by solid-phase grafting process. <i>Journal of Applied Polymer Science</i> , 52282	2.9	0
4	Guest Editorial Generative Adversarial Networks in Biomedical Image Computing. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022 , 26, 4-6	7.2	
3	Context-Aware Inductive Bias Learning for Vessel Border Detection in Multi-modal Intracoronary Imaging. <i>Lecture Notes in Computer Science</i> , 2019 , 776-784	0.9	
2	Localization and Segmentation of 3D Intervertebral Discs from MR Images via a Learning Based Method: A Validation Framework. <i>Lecture Notes in Computer Science</i> , 2016 , 141-149	0.9	
1	Tracking Endocardial Boundary and Motion via Graph Cut Distribution Matching and Multiple Model Filtering. <i>Lecture Notes in Computer Science</i> , 2010 , 172-182	0.9	

