Dmitry B Goldgof

List of Publications by Year
in descending order

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214 papers	7,688 citations	101384 36 h-index	64668 79 g-index
217 all docs	217 docs citations	217 times ranked	8698 citing authors

#	Article	IF	Citations
1	Radiomics: the process and the challenges. Magnetic Resonance Imaging, 2012, 30, 1234-1248.	1.0	1,675
2	Framework for Performance Evaluation of Face, Text, and Vehicle Detection and Tracking in Video: Data, Metrics, and Protocol. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 319-336.	9.7	390
3	Radiomics in Brain Tumor: Image Assessment, Quantitative Feature Descriptors, and Machine-Learning Approaches. American Journal of Neuroradiology, 2018, 39, 208-216.	1.2	281
4	Reproducibility and Prognosis of Quantitative Features Extracted from CT Images. Translational Oncology, 2014, 7, 72-87.	1.7	258
5	Automatic segmentation of non-enhancing brain tumors in magnetic resonance images. Artificial Intelligence in Medicine, 2001, 21, 43-63.	3.8	232
6	Understanding Transit Scenes: A Survey on Human Behavior-Recognition Algorithms. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 206-224.	4.7	229
7	Predicting Malignant Nodules from Screening CT Scans. Journal of Thoracic Oncology, 2016, 11, 2120-2128.	0.5	226
8	Testâ€“Retest Reproducibility Analysis of Lung CT Image Features. Journal of Digital Imaging, 2014, 27, 805-823.	1.6	216
9	Automated delineation of lung tumors from CT images using a single click ensemble segmentation approach. Pattern Recognition, 2013, 46, 692-702.	5.1	138
10	Quantitative imaging biomarkers: A review of statistical methods for computer algorithm comparisons. Statistical Methods in Medical Research, 2015, 24, 68-106.	0.7	137
11	Deep Feature Transfer Learning in Combination with Traditional Features Predicts Survival among Patients with Lung Adenocarcinoma. Tomography, 2016, 2, 388-395.	0.8	128
12	Macro- and micro-expression spotting in long videos using spatio-temporal strain. , 2011, , .		119
13	Fast fuzzy clustering. Fuzzy Sets and Systems, 1998, 93, 49-56.	1.6	114
14	Radiomics of Lung Nodules: A Multi-Institutional Study of Robustness and Agreement of Quantitative Imaging Features. Tomography, 2016, 2, 430-437.	0.8	108
15	Predicting Outcomes of Nonsmall Cell Lung Cancer Using CT Image Features. IEEE Access, 2014, 2, 1418-1426.	2.6	104
16	A semiautomatic CT-based ensemble segmentation of lung tumors: Comparison with oncologistsâ€™ delineations and with the surgical specimen. Radiotherapy and Oncology, 2012, 105, 167-173.	0.3	99
17	MRI Measurement of Brain Tumor Response: Comparison of Visual Metric and Automatic Segmentation. Magnetic Resonance Imaging, 1998, 16, 271-279.	1.0	93
18	Detection and tracking of ships in open sea with rapidly moving buoy-mounted camera system. Ocean Engineering, 2012, 54, 1-12.	1.9	90

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19	Scar Assessment: Current Problems and Future Solutions. Journal of Burn Care and Research, 1999, 20, 54-60.	1.7	89
20	A scalable framework for cluster ensembles. Pattern Recognition, 2009, 42, 676-688.	5.1	85
21	Radiologically Defined Ecological Dynamics and Clinical Outcomes in Glioblastoma Multiforme: Preliminary Results. Translational Oncology, 2014, 7, 5-13.	1.7	82
22	Single Pass Fuzzy C Means. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	75
23	Comparison of Edge Detector Performance through Use in an Object Recognition Task. Computer Vision and Image Understanding, 2001, 84, 160-178.	3.0	74
24	Delta Radiomics Improves Pulmonary Nodule Malignancy Prediction in Lung Cancer Screening. IEEE Access, 2018, 6, 77796-77806.	2.6	72
25	Recognizing Plankton Images From the Shadow Image Particle Profiling Evaluation Recorder. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1753-1762.	5.5	69
26	Towards macro- and micro-expression spotting in video using strain patterns. , 2009, , .		69
27	Identifying spatial imaging biomarkers of glioblastoma multiforme for survival group prediction. Journal of Magnetic Resonance Imaging, 2017, 46, 115-123.	1.9	69
28	A Comparison of Lung Nodule Segmentation Algorithms: Methods and Results from a Multi-institutional Study. Journal of Digital Imaging, 2016, 29, 476-487.	1.6	68
29	Predicting malignant nodules by fusing deep features with classical radiomics features. Journal of Medical Imaging, 2018, 5, 1.	0.8	68
30	A Scalable Framework For Segmenting Magnetic Resonance Images. Journal of Signal Processing Systems, 2009, 54, 183-203.	1.4	64
31	Detection of Thin Lines using Low-Quality Video from Low-Altitude Aircraft in Urban Settings. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 937-949.	2.6	59
32	A Review of Automated Pain Assessment in Infants: Features, Classification Tasks, and Databases. IEEE Reviews in Biomedical Engineering, 2018, 11, 77-96.	13.1	58
33	Horizon Detection Using Machine Learning Techniques. , 2006, , .		57
34	Gesture recognition using Bezier curves for visualization navigation from registered 3-D data. Pattern Recognition, 2004, 37, 1011-1024.	5.1	56
35	Videoâ€based 3D reconstruction, laparoscope localization and deformation recovery for abdominal minimally invasive surgery: a survey. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 158-178.	1.2	55
36	Combining deep neural network and traditional image features to improve survival prediction accuracy for lung cancer patients from diagnostic CT. , 2016, , .		45

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37	Heterogeneity in intratumoral regions with rapid gadolinium washout correlates with estrogen receptor status and nodal metastasis. Journal of Magnetic Resonance Imaging, 2015, 42, 1421-1430.	1.9	44
38	Selection of patients for clinical trials: an interactive web-based system. Artificial Intelligence in Medicine, 2004, 31, 241-254.	3.8	43
39	Convergence of the Single-Pass and Online Fuzzy C-Means Algorithms. IEEE Transactions on Fuzzy Systems, 2011, 19, 792-794.	6.5	39
40	Automatic expression spotting in videos. Image and Vision Computing, 2014, 32, 476-486.	2.7	38
41	Fine-tuning convolutional deep features for MRI based brain tumor classification. Proceedings of SPIE, 2017, , .	0.8	37
42	Challenges for the Repeatability of Deep Learning Models. IEEE Access, 2020, 8, 211860-211868.	2.6	37
43	A framework for nucleus and overlapping cytoplasm segmentation in cervical cytology extended depth of field and volume images. Computerized Medical Imaging and Graphics, 2017, 59, 38-49.	3.5	36
44	Active cleaning of label noise. Pattern Recognition, 2016, 51, 463-480.	5.1	34
45	Multimodal spatio-temporal deep learning approach for neonatal postoperative pain assessment. Computers in Biology and Medicine, 2021, 129, 104150.	3.9	34
46	How effective is human video surveillance performance?. , 2008, , .		33
47	Predicting Nodule Malignancy using a CNN Ensemble Approach. , 2018, 2018, .		32
48	Evaluation and optimization of remote sensing techniques for detection of Karenia brevis blooms on the West Florida Shelf. Remote Sensing of Environment, 2015, 170, 239-254.	4.6	31
49	An approach for automated multimodal analysis of infants' pain. , 2016, , .		31
50	Revealing Tumor Habitats from Texture Heterogeneity Analysis for Classification of Lung Cancer Malignancy and Aggressiveness. Scientific Reports, 2019, 9, 4500.	1.6	31
51	3D nonrigid motion analysis under small deformations. Image and Vision Computing, 2003, 21, 229-245.	2.7	30
52	Discovery of a Generalization Gap of Convolutional Neural Networks on COVID-19 X-Rays Classification. IEEE Access, 2021, 9, 72970-72979.	2.6	28
53	Delta radiomic features improve prediction for lung cancer incidence: A nested caseâ€“control analysis of the National Lung Screening Trial. Cancer Medicine, 2018, 7, 6340-6356.	1.3	27
54	Detection and tracking of marine vehicles in video. , 2008, , .		26

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55	ITERATIVE FEATURE PERTURBATION AS A GENE SELECTOR FOR MICROARRAY DATA. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1260003.	0.7	26
56	Matching and motion estimation of three-dimensional point and line sets using eigenstructure without correspondences. Pattern Recognition, 1992, 25, 271-286.	5.1	25
57	Efficient Nonlinear Finite Element Modeling of Nonrigid Objects via Optimization of Mesh Models. Computer Vision and Image Understanding, 1998, 69, 330-350.	3.0	25
58	Developing a classifier model for lung tumors in CT-scan images. , 2011, , .		25
59	Automated Cell Counts on Tissue Sections by Deep Learning and Unbiased Stereology. Journal of Chemical Neuroanatomy, 2019, 96, 94-101.	1.0	25
60	Continuous 3D Face Authentication Using RGB-D Cameras. , 2013, , .		24
61	Effect of Texture Features in Computer Aided Diagnosis of Pulmonary Nodules in Low-Dose Computed Tomography. , 2013, , .		24
62	Unbiased estimation of cell number using the automatic optical fractionator. Journal of Chemical Neuroanatomy, 2017, 80, A1-A8.	1.0	24
63	A Comprehensive and Context-Sensitive Neonatal Pain Assessment Using Computer Vision. IEEE Transactions on Affective Computing, 2022, 13, 28-45.	5.7	24
64	Explaining Deep Features Using Radiologist-Defined Semantic Features and Traditional Quantitative Features. Tomography, 2019, 5, 192-200.	0.8	24
65	A fuzzy c means variant for clustering evolving data streams. , 2007, , .		23
66	Tracking Ships from Fast Moving Camera through Image Registration. , 2010, , .		23
67	A new approach to detect and segment overlapping cells in multi-layer cervical cell volume images. , 2016, , .		23
68	Matching point features under small nonrigid motion. Pattern Recognition, 2001, 34, 2353-2365.	5.1	22
69	A Cluster Ensemble Framework for Large Data sets. , 2006, , .		22
70	Nucleus segmentation in histology images with hierarchical multilevel thresholding. Proceedings of SPIE, 2016, , .	0.8	22
71	Multiâ€site quality and variability analysis of 3D FDG PET segmentations based on phantom and clinical image data. Medical Physics, 2017, 44, 479-496.	1.6	22
72	Convolutional Neural Network ensembles for accurate lung nodule malignancy prediction 2 years in the future. Computers in Biology and Medicine, 2020, 122, 103882.	3.9	22

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73	Pain assessment in infants: Towards spotting pain expression based on infants' facial strain. , 2015, , .		21
74	Parallel algorithms for circle detection in images. Pattern Recognition, 1994, 27, 1019-1028.	5.1	20
75	A Modeling Approach for Burn Scar Assessment Using Natural Features and Elastic Property. IEEE Transactions on Medical Imaging, 2004, 23, 1325-1329.	5.4	20
76	Mitigating Adversarial Attacks on Medical Image Understanding Systems. , 2020, , .		20
77	Fast Support Vector Machines for Continuous Data. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 989-1001.	5.5	19
78	Automated Pain Assessment in Neonates. Lecture Notes in Computer Science, 2017, , 350-361.	1.0	18
79	Semiâ€automated pulmonary nodule interval segmentation using the <scp>NLST</scp> data. Medical Physics, 2018, 45, 1093-1107.	1.6	17
80	Automatic Infantsâ€™ Pain Assessment by Dynamic Facial Representation: Effects of Profile View, Gestational Age, Gender, and Race. Journal of Clinical Medicine, 2018, 7, 173.	1.0	17
81	The Space Envelope: A Representation for 3D Scenes. Computer Vision and Image Understanding, 1998, 69, 310-329.	3.0	16
82	Convolutional Neural Networks for Neonatal Pain Assessment. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 192-200.	3.8	16
83	A Radiogenomics Ensemble to Predict EGFR and KRAS Mutations in NSCLC. Tomography, 2021, 7, 154-168.	0.8	15
84	Left ventricular boundary detection from spatio-temporal volumetric computed tomography images. Computerized Medical Imaging and Graphics, 1995, 19, 27-46.	3.5	14
85	Integrating Image Computation in Undergraduate Level Data-Structure Education. International Journal of Pattern Recognition and Artificial Intelligence, 1998, 12, 1071-1080.	0.7	14
86	Synthetic minority image over-sampling technique: How to improve AUC for glioblastoma patient survival prediction. , 2017, , .		14
87	Multi-Channel Neural Network for Assessing Neonatal Pain from Videos. , 2019, , .		14
88	A methodology for extracting objective color from images. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1964-1978.	5.5	13
89	Creating Streaming Iterative Soft Clustering Algorithms. , 2007, , .		13
90	Autonomous buoy platform for low-cost visual maritime surveillance: design and initial deployment. Proceedings of SPIE, 2009, , .	0.8	13

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91	Automatic ground truth for deep learning stereology of immunostained neurons and microglia in mouse neocortex. Journal of Chemical Neuroanatomy, 2019, 98, 1-7.	1.0	13
92	Gaze-based classification of autism spectrum disorder. Pattern Recognition Letters, 2020, 135, 204-212.	2.6	13
93	Lung Nodule Malignancy Prediction in Sequential CT Scans: Summary of ISBI 2018 Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3748-3761.	5.4	13
94	Model-based force-driven nonrigid motion recovery from sequences of range images without point correspondences. Image and Vision Computing, 1999, 17, 997-1007.	2.7	12
95	KNOWLEDGE-GUIDED CLASSIFICATION OF COASTAL ZONE COLOR IMAGES OFF THE WEST FLORIDA SHELF. International Journal of Pattern Recognition and Artificial Intelligence, 2000, 14, 987-1007.	0.7	12
96	Face Recognition by Multi-Frame Fusion of Rotating Heads in Videos. , 2007, , .		12
97	Facial Strain Pattern as a Soft Forensic Evidence. Proceedings IEEE Workshop on Applications of Computer Vision, 2007, , .	0.0	12
98	Pain Assessment From Facial Expression: Neonatal Convolutional Neural Network (N-CNN). , 2019, , .		12
99	Multimodal neonatal procedural and postoperative pain assessment dataset. Data in Brief, 2021, 35, 106796.	0.5	12
100	Future roles of artificial intelligence in early pain management of newborns. Paediatric and Neonatal Pain, 2021, 3, 134-145.	0.6	12
101	Motion estimation from scaled orthographic projections without correspondences. Image and Vision Computing, 1994, 12, 95-108.	2.7	11
102	Toward detection of marine vehicles on horizon from buoy camera. , 2007, , .		11
103	Performance Evaluation of Neuromorphic-Vision Object Recognition Algorithms. , 2014, , .		11
104	A new edge-based text verification approach for video. , 2008, , .		10
105	Detecting Wires in Cluttered Urban Scenes Using a Gaussian Model. , 2010, , .		10
106	Texture Feature Analysis to Predict Metastatic and Necrotic Soft Tissue Sarcomas. , 2015, , .		10
107	Finding label noise examples in large scale datasets. , 2017, , .		10
108	Terrain analysis from curvature profiles. International Journal of Imaging Systems and Technology, 1990, 2, 169-182.	2.7	9

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109	Vision-based on-board collision avoidance system for aircraft navigation. , 2006, , .		9
110	Wire detection in low-altitude, urban, and low-quality video frames. , 2008, , .		9
111	Survival time prediction of patients with glioblastoma multiforme tumors using spatial distance measurement. , 2013, , .		9
112	A Robust Approach for Automated Lung Segmentation in Thoracic CT. , 2015, , .		8
113	Performance Evaluation of Text Detection and Tracking in Video. Lecture Notes in Computer Science, 2006, , 576-587.	1.0	8
114	A sensitivity analysis method and its application in physics-based nonrigid motion modeling. Image and Vision Computing, 2007, 25, 262-273.	2.7	7
115	Noise-Based Feature Perturbation as a Selection Method for Microarray Data. , 2007, , 237-247.		7
116	Ensembles of Convolutional Neural Networks for Survival Time Estimation of High-Grade Glioma Patients from Multimodal MRI. Diagnostics, 2022, 12, 345.	1.3	7
117	SOFTWARE TOOLKIT FOR TEACHING IMAGE PROCESSING. International Journal of Pattern Recognition and Artificial Intelligence, 2001, 15, 833-844.	0.7	6
118	Feature selection for microarray data by AUC analysis. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	6
119	Automatic red tide detection from MODIS satellite images. , 2009, , .		6
120	Iterative Deep Learning Based Unbiased Stereology with Human-in-the-Loop. , 2018, , .		6
121	Towards Physically-Sound Registration Using Object-Specific Properties for Regularization. Lecture Notes in Computer Science, 2003, , 358-366.	1.0	6
122	Deep Feature Stability Analysis Using CT Images of a Physical Phantom across Scanner Manufacturers, Cartridges, Pixel Sizes, and Slice Thickness. Tomography, 2020, 6, 250-260.	0.8	6
123	<title>Extracting known and inferred shape information from a single view</title>. , 1992, 1828, 2.		5
124	<title>Left ventricle motion modeling and analysis by adaptive-size physically based models</title>. , 1992, 1660, 299.		5
125	<title>Left-ventricular boundary detection from spatiotemporal volumetric CT images</title>. , 1993, , .		5
126	Classification of masses on mammograms using support vector machine. , 2003, , .		5

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127	Face recognition under camouflage and adverse illumination. , 2010, , .		5
128	Evaluating scalable fuzzy clustering. , 2010, , .		5
129	Increased classification accuracy and speedup through pair-wise feature selection for support vector machines. , 2011, , .		5
130	Exploring Brain Tumor Heterogeneity for Survival Time Prediction. , 2014, , .		5
131	Using features from tumor subregions of breast DCE-MRI for estrogen receptor status prediction. , 2014, , .		5
132	Improving malignancy prediction through feature selection informed by nodule size ranges in NLST. , 2016, 2016, 001939-1944.		5
133	Infants' Pain Recognition Based on Facial Expression: Dynamic Hybrid Descriptions. IEICE Transactions on Information and Systems, 2018, E101.D, 1860-1869.	0.4	5
134	Harnessing the Power of Deep Learning Methods in Healthcare: Neonatal Pain Assessment from Crying Sound. , 2019, , .		5
135	Lung Nodule Sizes Are Encoded When Scaling CT Image for CNN's. Tomography, 2020, 6, 209-215.	0.8	5
136	<title>Application of the nonrigid shape matching algorithm to volumetric cardiac images</title>. , 1991, , .		4
137	<title>Extracting local stretching from left ventricle angiography data</title>. , 1991, 1450, 218.		4
138	<title>Sampling and surface reconstruction with adaptive-size meshes</title>. , 1992, , .		4
139	<title>Knowledge-based classification and tissue labeling of magnetic resonance images of human brain</title>. , 1993, 1905, 554.		4
140	A METHOD FOR INCREASING PRECISION AND RELIABILITY OF ELASTICITY ANALYSIS IN COMPLICATED BURN SCAR CASES. International Journal of Pattern Recognition and Artificial Intelligence, 2000, 14, 189-210.	0.7	4
141	Finite element modeling of facial deformation in videos for computing strain pattern. , 2008, , .		4
142	A Texture Feature Ranking Model for Predicting Survival Time of Brain Tumor Patients. , 2013, , .		4
143	Experiments with large ensembles for segmentation and classification of cervical cancer biopsy images. , 2014, , .		4
144	Identifying metastatic breast tumors using textural kinetic features of a contrast based habitat in DCE-MRI. , 2015, , .		4

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145	Prediction of treatment outcome in soft tissue sarcoma based on radiologically defined habitats. Proceedings of SPIE, 2015, , .	0.8	4
146	Decoding brain cancer dynamics: a quantitative histogram-based approach using temporal MRI. Proceedings of SPIE, 2015, , .	0.8	4
147	Classification of progression free survival with nasopharyngeal carcinoma tumors. , 2016, , .		4
148	Multisite Technical and Clinical Performance Evaluation of Quantitative Imaging Biomarkers from 3D FDG PET Segmentations of Head and Neck Cancer Images. Tomography, 2020, 6, 65-76.	0.8	4
149	Extracting motion parameters from the left ventricle angiography data. , 1990, 1245, 171.		3
150	<title>Nonrigid motion analysis using nonlinear finite element modeling</title>. , 1993, , .		3
151	Three-dimensional finite element model for lesion correspondence in breast imaging. , 2004, 5370, 1372.		3
152	Towards registration of temporal mammograms by finite element simulation of MR breast volumes. , 2008, , .		3
153	Detection of Anomalous Particles from the Deepwater Horizon Oil Spill Using the SIPPER3 Underwater Imaging Platform. , 2011, , .		3
154	Prediction of treatment response and metastatic disease in soft tissue sarcoma. Proceedings of SPIE, 2014, , .	0.8	3
155	Exploring deep features from brain tumor magnetic resonance images via transfer learning. , 2016, , .		3
156	Automatic Cell Counting using Active Deep Learning and Unbiased Stereology. , 2019, , .		3
157	Automatic stereology of mean nuclear size of neurons using an active contour framework. Journal of Chemical Neuroanatomy, 2019, 96, 110-115.	1.0	3
158	An adaptive digital stain separation method for deep learning-based automatic cell profile counts. Journal of Neuroscience Methods, 2021, 354, 109102.	1.3	3
159	Evaluation of Facial Reconstructive Surgery on Patients with Facial Palsy Using Optical Strain. Lecture Notes in Computer Science, 2011, , 512-519.	1.0	3
160	Hybrid models for lung nodule malignancy prediction utilizing convolutional neural network ensembles and clinical data. Journal of Medical Imaging, 2020, 7, 1.	0.8	3
161	Analysis of Intensity and Range Image Sequences Using Adaptive-Size Meshes. Journal of Visual Communication and Image Representation, 1993, 4, 364-381.	1.7	2
162	A baseline algorithm for face detection and tracking in video. Proceedings of SPIE, 2007, , .	0.8	2

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163	Clinical deployment of a medical expert system to increase accruals for clinical trials: Challenges. , 2007, , .		2
164	Towards a framework for analysis of biophotonic images of mouse models of cancer. , 2008, 2008, 3079-82.		2
165	Modeling Facial Skin Motion Properties in Video and Its Application to Matching Faces across Expressions. , 2010, , .		2
166	Filtering for improved gene selection on microarray data. , 2010, , .		2
167	New method for predicting estrogen receptor status utilizing breast MRI texture kinetic analysis. Proceedings of SPIE, 2014, , .	0.8	2
168	Correlation Based Random Subspace Ensembles for Predicting Number of Axillary Lymph Node Metastases in Breast DCE-MRI Tumors. , 2015, , .		2
169	Representation of Deep Features using Radiologist defined Semantic Features. , 2018, 2018, .		2
170	First InvestigationÂinto the Use of Deep Learning for Continuous Assessment of Neonatal Postoperative Pain. , 2020, , .		2
171	<title>Toward computing the aspect graph of deformable generalized cylinders</title>. , 1991, , .		1
172	<title>Left ventricle wall motion tracking using curvature properties</title>. , 1992, , .		1
173	Estimating non-rigid motion from point and line correspondences. Pattern Recognition Letters, 1994, 15, 559-566.	2.6	1
174	<title>Toward fully automated analysis of tagged and nontagged MR cardiac images</title>. , 1996, , .		1
175	Data-driven feature modeling, recognition and analysis in a discovery of supersonic cracks in multimillion-atom simulations. Pattern Recognition, 2007, 40, 2400-2407.	5.1	1
176	On convergence properties of the singlepass and online fuzzy c-means algorithm. , 2010, , .		1
177	Automatic location of microscopic focal planes for computerized stereology. , 2011, , .		1
178	Toward automated quantification of biological microstructures using unbiased stereology. , 2011, , .		1
179	MODEL-BASED RECOVERY OF FLUID FLOW PARAMETERS FROM VIDEO. International Journal of Pattern Recognition and Artificial Intelligence, 2011, 25, 309-336.	0.7	1
180	A novel algorithm for automated counting of stained cells on thick tissue sections. , 2012, , .		1

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181	Optical Flow Based Expression Suppression in Video. , 2014, , .		1
182	Imbalanced learning for clinical survival group prediction of brain tumor patients. , 2015, , .		1
183	Predicting Ki67% expression from DCE-MR images of breast tumors using textural kinetic features in tumor habitats. , 2016, , .		1
184	A quantitative histogram-based approach to predict treatment outcome for Soft Tissue Sarcomas using pre- and post-treatment MRIs. , 2016, , .		1
185	Signal intensity analysis of ecological defined habitat in soft tissue sarcomas to predict metastasis development. Proceedings of SPIE, 2016, , .	0.8	1
186	Diagnostic and predictive quantitative-imaging features in lung cancer screening. Journal of Thoracic Oncology, 2016, 11, S41-S42.	0.5	1
187	SQL-Identifier Injection Attacks. , 2019, , .		1
188	View-Invariant Method for Calculating 2D Optical Strain. Lecture Notes in Computer Science, 2013, , 42-49.	1.0	1
189	Detection of the Vanishing Line of the Ocean Surface from Pairs of Scale-Invariant Keypoints. Lecture Notes in Computer Science, 2013, , 161-169.	1.0	1
190	An Ensemble Algorithm Framework for Automated Stereology of Cervical Cancer. Lecture Notes in Computer Science, 2013, , 823-832.	1.0	1
191	Stability of deep features across CT scanners and field of view using a physical phantom. , 2018, , .		1
192	Towards deep radiomics: nodule malignancy prediction using CNNs on feature images. , 2019, , .		1
193	Scaling Fuzzy Models. , 0, , 31-53.		1
194	Pattern Recognition in Vital Signs Using Spectrograms. , 2021, , .		1
195	<title>Motion estimation from points without correspondences from scaled orthographic projections</title>. , 1990, 1260, 70.		0
196	<title>Motion estimation without correspondences and object tracking over long time sequences</title>. , 1991, , .		0
197	<title>Automatic tracking of SPAMM grid and the estimation of deformation parameters from cardiac MR images</title>. , 1993, 1905, 194.		0
198	<title>Utilizing fuzzy c-Shells for automatic approximate LV location for initialization of myocardial structure and function analysis algorthms</title>. , 1994, , .		0

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199	<title>Automatic brain tumor segmentation</title>. , 1998, 3338, 533.		0
200	<title>Segmenting nonenhancing brain tumors from normal tissues in magnetic resonance images</title>. , 1998, , .		0
201	Robust segmentation using kernel and spatial based fuzzy c-means methods on breast x-ray images. Proceedings of SPIE, 2008, , .	0.8	0
202	Complications in using automated methods to increase clinical trial accrual. International Journal of Biomedical Engineering and Technology, 2010, 4, 134.	0.2	0
203	Procedure for stability analysis of gene selection from cross-site gene expression data. , 2011, , .		0
204	High-resolution 3D surface strain magnitude using 2D camera and low-resolution depth sensor. Pattern Recognition Letters, 2014, 50, 34-42.	2.6	0
205	Change descriptors for determining nodule malignancy in national lung screening trial CT screening images. , 2016, , .		0
206	Toward Ubiquitous Assessment of Neonates' Health Condition. , 2018, , .		0
207	A Dual-Task Interference Game-Based Experimental Framework for Comparing the Usability of Authentication Methods. , 2019, , .		0
208	1191â€ƒUse of Artificial Intelligence for Identification of Celiac and Vascular Lesions on Capsule Endoscopy. American Journal of Gastroenterology, 2019, 114, S669-S669.	0.2	0
209	NONRIGID MOTION AND STRUCTURE ANALYSIS FROM 2D WITH APPLICATION TOWARDS 3D CLOUD TRACKING. Series in Machine Perception and Artificial Intelligence, 2002, , 57-87.	0.1	0
210	Abstract 4188: Evolutionary dynamics in breast cancer via MRI textural kinetic analysis. , 2014, , .		0
211	Automatic pressure ulcer measurement using RGB-D data. , 2019, , .		0
212	Coauthentication. , 2019, , .		0
213	Classification of global microglia proliferation based on deep learning with local images. , 2022, , .		0
214	A disector-based framework for the automatic optical fractionator. Journal of Chemical Neuroanatomy, 2022, 124, 102134.	1.0	0