

# Henning MÃ¼ller

## List of Publications by Year in descending order

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294  
papers

10,961  
citations

66234

42  
h-index

40881

93  
g-index

311  
all docs

311  
docs citations

311  
times ranked

9191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing radiomics feature stability with simulated CT acquisitions. <i>Scientific Reports</i> , 2022, 12, 4732.	1.6	6
2	Evaluation of Methods for the Extraction of Spatial Muscle Synergies. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	2
3	Benchmarking Image Retrieval Diversification Techniques for Social Media. <i>IEEE Transactions on Multimedia</i> , 2021, 23, 677-691.	5.2	7
4	DeepHistReg: Unsupervised Deep Learning Registration Framework for Differently Stained Histology Samples. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105799.	2.6	19
5	LifeCLEF 2021 Teaser: Biodiversity Identification and Prediction Challenges. <i>Lecture Notes in Computer Science</i> , 2021, , 601-607.	1.0	0
6	The 2021 ImageCLEF Benchmark: Multimedia Retrieval in Medical, Nature, Internet and Social Media Applications. <i>Lecture Notes in Computer Science</i> , 2021, , 616-623.	1.0	1
7	Overview of LifeCLEF 2021: An Evaluation of Machine-Learning Based Species Identification and Species Distribution Prediction. <i>Lecture Notes in Computer Science</i> , 2021, , 371-393.	1.0	11
8	Classification of Noisy Free-Text Prostate Cancer Pathology Reports Using Natural Language Processing. <i>Lecture Notes in Computer Science</i> , 2021, , 154-166.	1.0	3
9	End-to-End Fine-Grained Neural Entity Recognition of Patients, Interventions, Outcomes. <i>Lecture Notes in Computer Science</i> , 2021, , 65-77.	1.0	0
10	On the Scale Invariance in State of the Art CNNs Trained on ImageNet. <i>Machine Learning and Knowledge Extraction</i> , 2021, 3, 374-391.	3.2	15
11	Combining weakly and strongly supervised learning improves strong supervision in Gleason pattern classification. <i>BMC Medical Imaging</i> , 2021, 21, 77.	1.4	13
12	The Discriminative Power and Stability of Radiomics Features With Computed Tomography Variations. <i>Investigative Radiology</i> , 2021, 56, 820-825.	3.5	15
13	Making Radiomics More Reproducible across Scanner and Imaging Protocol Variations: A Review of Harmonization Methods. <i>Journal of Personalized Medicine</i> , 2021, 11, 842.	1.1	72
14	Semi-supervised training of deep convolutional neural networks with heterogeneous data and few local annotations: An experiment on prostate histopathology image classification. <i>Medical Image Analysis</i> , 2021, 73, 102165.	7.0	30
15	Overview of the ImageCLEF 2021: Multimedia Retrieval in Medical, Nature, Internet and Social Media Applications. <i>Lecture Notes in Computer Science</i> , 2021, , 345-370.	1.0	9
16	A large margin piecewise linear classifier with fusion of deep features in the diagnosis of COVID-19. <i>Computers in Biology and Medicine</i> , 2021, 139, 104927.	3.9	3
17	Questioning Domain Adaptation in Myoelectric Hand Prostheses Control: An Inter- and Intra-Subject Study. <i>Sensors</i> , 2021, 21, 7500.	2.1	6
18	H&E-adversarial network: a convolutional neural network to learn stain-invariant features through Hematoxylin & Eosin regression. , 2021, , .		9

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19	Improving Robotic Hand Prosthesis Control With Eye Tracking and Computer Vision: A Multimodal Approach Based on the Visuomotor Behavior of Grasping. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 744476.	2.0	10
20	Report on the 12th conference and labs of the evaluation forum (CLEF 2021). <i>ACM SIGIR Forum</i> , 2021, 55, 1-12.	0.4	0
21	A lung graph model for the radiological assessment of chronic thromboembolic pulmonary hypertension in CT. <i>Computers in Biology and Medicine</i> , 2020, 125, 103962.	3.9	6
22	BIAS: Transparent reporting of biomedical image analysis challenges. <i>Medical Image Analysis</i> , 2020, 66, 101796.	7.0	59
23	Variability of Muscle Synergies in Hand Grasps: Analysis of Intra- and Inter-Session Data. <i>Sensors</i> , 2020, 20, 4297.	2.1	28
24	Effect of movement type on the classification of electromyography data for the control of dexterous prosthetic hands. , 2020, , .		0
25	The importance of feature aggregation in radiomics: a head and neck cancer study. <i>Scientific Reports</i> , 2020, 10, 19679.	1.6	14
26	Prospects and Challenges of Radiomics by Using Nononcologic Routine Chest CT. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190190.	0.9	8
27	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. <i>Radiology</i> , 2020, 295, 328-338.	3.6	1,869
28	Gaze, behavioral, and clinical data for phantom limbs after hand amputation from 15 amputees and 29 controls. <i>Scientific Data</i> , 2020, 7, 60.	2.4	6
29	A large calibrated database of hand movements and grasps kinematics. <i>Scientific Data</i> , 2020, 7, 12.	2.4	24
30	Gaze, visual, myoelectric, and inertial data of grasps for intelligent prosthetics. <i>Scientific Data</i> , 2020, 7, 43.	2.4	15
31	LifeCLEF 2020 Teaser: Biodiversity Identification and Prediction Challenges. <i>Lecture Notes in Computer Science</i> , 2020, , 542-549.	1.0	1
32	Learning-Based Affine Registration of Histological Images. <i>Lecture Notes in Computer Science</i> , 2020, , 12-22.	1.0	6
33	Overview of the ImageCLEF 2020: Multimedia Retrieval in Medical, Lifelogging, Nature, and Internet Applications. <i>Lecture Notes in Computer Science</i> , 2020, , 311-341.	1.0	6
34	Overview of LifeCLEF 2020: A System-Oriented Evaluation of Automated Species Identification and Species Distribution Prediction. <i>Lecture Notes in Computer Science</i> , 2020, , 342-363.	1.0	16
35	A systematic comparison of deep learning strategies for weakly supervised Gleason grading. , 2020, , .		8
36	Exploiting biomedical literature to mine out a large multimodal dataset of rare cancer studies. , 2020, , .		2

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37	Studying Public Medical Images from the Open Access Literature and Social Networks for Model Training and Knowledge Extraction. Lecture Notes in Computer Science, 2020, , 553-564.	1.0	0
38	Medical Image Retrieval: Applications and Resources. , 2020, , .		3
39	ImageCLEF 2020: Multimedia Retrieval in Lifelogging, Medical, Nature, and Internet Applications. Lecture Notes in Computer Science, 2020, , 533-541.	1.0	1
40	Interpretable CNN Pruning for Preserving Scale-Covariant Features in Medical Imaging. Lecture Notes in Computer Science, 2020, , 23-32.	1.0	3
41	Unsupervised Learning-Based Nonrigid Registration of High Resolution Histology Images. Lecture Notes in Computer Science, 2020, , 484-493.	1.0	2
42	EaaS: Evaluation-as-a-Service and Experiences from the VISCERAL Project. The Kluwer International Series on Information Retrieval, 2019, , 161-173.	1.0	0
43	Staining Invariant Features for Improving Generalization of Deep Convolutional Neural Networks in Computational Pathology. Frontiers in Bioengineering and Biotechnology, 2019, 7, 198.	2.0	47
44	An Augmented Reality Environment to Provide Visual Feedback to Amputees During sEMG Data Acquisitions. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	3
45	PaWFE: Fast Signal Feature Extraction Using Parallel Time Windows. Frontiers in Neurorobotics, 2019, 13, 74.	1.6	17
46	Kinematic synergies of hand grasps: a comprehensive study on a large publicly available dataset. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 63.	2.4	52
47	Fusing learned representations from Riesz Filters and Deep CNN for lung tissue classification. Medical Image Analysis, 2019, 56, 172-183.	7.0	14
48	Classification of diabetes-related retinal diseases using a deep learning approach in optical coherence tomography. Computer Methods and Programs in Biomedicine, 2019, 178, 181-189.	2.6	51
49	Revealing Tumor Habitats from Texture Heterogeneity Analysis for Classification of Lung Cancer Malignancy and Aggressiveness. Scientific Reports, 2019, 9, 4500.	1.6	31
50	ImageCLEF 2019: Multimedia Retrieval in Lifelogging, Medical, Nature, and Security Applications. Lecture Notes in Computer Science, 2019, , 301-308.	1.0	6
51	A quantitative taxonomy of human hand grasps. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 28.	2.4	47
52	ImageCLEF 2019: Multimedia Retrieval in Medicine, Lifelogging, Security and Nature. Lecture Notes in Computer Science, 2019, , 358-386.	1.0	20
53	Overview of LifeCLEF 2019: Identification of Amazonian Plants, South & North American Birds, and Niche Prediction. Lecture Notes in Computer Science, 2019, , 387-401.	1.0	19
54	Neural network training for cross-protocol radiomic feature standardization in computed tomography. Journal of Medical Imaging, 2019, 6, 1.	0.8	15

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55	Deep Learning-Based Retrieval System for Gigapixel Histopathology Cases and the Open Access Literature. <i>Journal of Pathology Informatics</i> , 2019, 10, 19.	0.8	19
56	Experiences from the ImageCLEF Medical Retrieval and Annotation Tasks. <i>The Kluwer International Series on Information Retrieval</i> , 2019, , 231-250.	1.0	5
57	A Graph Model of the Lungs with Morphology-Based Structure for Tuberculosis Type Classification. <i>Lecture Notes in Computer Science</i> , 2019, , 372-383.	1.0	0
58	Rotation-covariant tissue analysis for interstitial lung diseases using learned steerable filters: Performance evaluation and relevance for diagnostic aid. <i>Computerized Medical Imaging and Graphics</i> , 2018, 64, 1-11.	3.5	6
59	Large-scale retrieval for medical image analytics: A comprehensive review. <i>Medical Image Analysis</i> , 2018, 43, 66-84.	7.0	151
60	Why rankings of biomedical image analysis competitions should be interpreted with care. <i>Nature Communications</i> , 2018, 9, 5217.	5.8	198
61	Muscle Synergy Analysis of a Hand-Grasp Dataset: A Limited Subset of Motor Modules May Underlie a Large Variety of Grasps. <i>Frontiers in Neurorobotics</i> , 2018, 12, 57.	1.6	22
62	From Local to Global: A Holistic Lung Graph Model. <i>Lecture Notes in Computer Science</i> , 2018, , 786-793.	1.0	4
63	Deep Multimodal Classification of Image Types in Biomedical Journal Figures. <i>Lecture Notes in Computer Science</i> , 2018, , 3-14.	1.0	21
64	Overview of LifeCLEF 2018: A Large-Scale Evaluation of Species Identification and Recommendation Algorithms in the Era of AI. <i>Lecture Notes in Computer Science</i> , 2018, , 247-266.	1.0	22
65	Head-mounted eye gaze tracking devices: An overview of modern devices and recent advances. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2018, 5, 205566831877399.	0.6	71
66	Overview of ImageCLEF 2018: Challenges, Datasets and Evaluation. <i>Lecture Notes in Computer Science</i> , 2018, , 309-334.	1.0	21
67	Subdiv17. , 2018, , .		1
68	Regression Concept Vectors for Bidirectional Explanations in Histopathology. <i>Lecture Notes in Computer Science</i> , 2018, , 124-132.	1.0	37
69	Evaluation-as-a-Service for the Computational Sciences. <i>Journal of Data and Information Quality</i> , 2018, 10, 1-32.	1.5	14
70	Textured Graph-Based Model of the Lungs: Application on Tuberculosis Type Classification and Multi-drug Resistance Detection. <i>Lecture Notes in Computer Science</i> , 2018, , 157-168.	1.0	3
71	3D Solid Texture Classification Using Locally-Oriented Wavelet Transforms. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 1899-1910.	6.0	23
72	Shangri-La: A medical case-based retrieval tool. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 2587-2601.	1.5	2

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73	Making sense of large data sets without annotations: analyzing age-related correlations from lung CT scans. , 2017, , .		2
74	Overview of ImageCLEF 2017: Information Extraction from Images. Lecture Notes in Computer Science, 2017, , 315-337.	1.0	15
75	Repeatability of grasp recognition for robotic hand prosthesis control based on sEMG data. , 2017, 2017, 1154-1159.		65
76	Retrieval From and Understanding of Large-Scale Multi-modal Medical Datasets: A Review. IEEE Transactions on Multimedia, 2017, 19, 2093-2104.	5.2	43
77	Classification of SD-OCT images using a Deep learning approach. , 2017, , .		58
78	Megane Pro: Myo-electricity, visual and gaze tracking data acquisitions to improve hand prosthetics. , 2017, 2017, 1148-1153.		13
79	Analysis of Histopathology Images. , 2017, , 281-314.		39
80	Text- and Content-Based Medical Image Retrieval in the VISCERAL Retrieval Benchmark. , 2017, , 237-249.		4
81	A Lung Graph Model for Pulmonary Hypertension and Pulmonary Embolism Detection on DECT Images. Lecture Notes in Computer Science, 2017, , 58-68.	1.0	4
82	LifeCLEF 2017 Lab Overview: Multimedia Species Identification Challenges. Lecture Notes in Computer Science, 2017, , 255-274.	1.0	38
83	Comparison of six electromyography acquisition setups on hand movement classification tasks. PLoS ONE, 2017, 12, e0186132.	1.1	234
84	Retrieval of Medical Cases for Diagnostic Decisions: VISCERAL Retrieval Benchmark. , 2017, , 127-141.		1
85	Using the Cloud as a Platform for Evaluation and Data Preparation. , 2017, , 15-30.		0
86	VISCERAL: Evaluation-as-a-Service for Medical Imaging. , 2017, , 3-13.		0
87	Combining Radiology Images and Clinical Metadata for Multimodal Medical Case-Based Retrieval. , 2017, , 221-236.		1
88	Prerequisites for International Exchanges of Health Information for Record Research: Comparison of Australian, Austrian, Finnish, Swiss, and US Policies. Studies in Health Technology and Informatics, 2017, 245, 1312.	0.2	2
89	Effect of clinical parameters on the control of myoelectric robotic prosthetic hands. Journal of Rehabilitation Research and Development, 2016, 53, 345-358.	1.6	49
90	Deep Learning with Convolutional Neural Networks Applied to Electromyography Data: A Resource for the Classification of Movements for Prosthetic Hands. Frontiers in Neurobotics, 2016, 10, 9.	1.6	436

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91	Optimized Distributed Hyperparameter Search and Simulation for Lung Texture Classification in CT Using Hadoop. <i>Journal of Imaging</i> , 2016, 2, 19.	1.7	10
92	ChaLearn Joint Contest on Multimedia Challenges Beyond Visual Analysis: An overview. , 2016, , .		57
93	Using smart glasses in medical emergency situations, a qualitative pilot study. , 2016, , .		16
94	Reports on CBMI 16 and ICME 16. <i>IEEE MultiMedia</i> , 2016, 23, 88-93.	1.5	0
95	LifeCLEF 2016: Multimedia Life Species Identification Challenges. <i>Lecture Notes in Computer Science</i> , 2016, , 286-310.	1.0	32
96	A 3-D Riesz-Covariance Texture Model for Prediction of Nodule Recurrence in Lung CT. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 2620-2630.	5.4	31
97	A Demo of multimodal medical retrieval. , 2016, , .		0
98	General Overview of ImageCLEF at the CLEF 2016 Labs. <i>Lecture Notes in Computer Science</i> , 2016, , 267-285.	1.0	8
99	Div150Multi. , 2016, , .		12
100	GPU-Accelerated Texture Analysis Using Steerable Riesz Wavelets. , 2016, , .		0
101	Cloud-Based Evaluation of Anatomical Structure Segmentation and Landmark Detection Algorithms: VISCERAL Anatomy Benchmarks. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 2459-2475.	5.4	127
102	Medical information retrieval: introduction to the special issue. <i>Information Retrieval</i> , 2016, 19, 1-5.	1.6	26
103	How users search and what they search for in the medical domain. <i>Information Retrieval</i> , 2016, 19, 189-224.	1.6	34
104	Evaluating multimodal relevance feedback techniques for medical image retrieval. <i>Information Retrieval</i> , 2016, 19, 100-112.	1.6	10
105	Result diversification in social image retrieval: a benchmarking framework. <i>Multimedia Tools and Applications</i> , 2016, 75, 1301-1331.	2.6	25
106	Creating a Large-Scale Silver Corpus from Multiple Algorithmic Segmentations. <i>Lecture Notes in Computer Science</i> , 2016, , 103-115.	1.0	7
107	Using Crowdsourcing for Multi-label Biomedical Compound Figure Annotation. <i>Lecture Notes in Computer Science</i> , 2016, , 228-237.	1.0	3
108	Crowdsourcing Biodiversity Monitoring. , 2016, , .		10

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109	Report on the Cloud-Based Evaluation Approaches Workshop 2015. ACM SIGIR Forum, 2016, 50, 38-41.	0.4	2
110	Optimized steerable wavelets for texture analysis of lung tissue in 3-D CT: Classification of usual interstitial pneumonia. , 2015, , .		16
111	Control Capabilities of Myoelectric Robotic Prostheses by Hand Amputees: A Scientific Research and Market Overview. Frontiers in Systems Neuroscience, 2015, 9, 162.	1.2	135
112	Medical case-based retrieval: integrating query MeSH terms for query-adaptive multi-modal fusion. Proceedings of SPIE, 2015, , .	0.8	3
113	Texture classification of anatomical structures in CT using a context-free machine learning approach. Proceedings of SPIE, 2015, , .	0.8	1
114	Pulmonary embolism detection using localized vessel-based features in dual energy CT. , 2015, , .		4
115	Locating seed points for automatic multi-organ segmentation using non-rigid registration and organ annotations. Proceedings of SPIE, 2015, , .	0.8	0
116	3D Riesz-wavelet based Covariance descriptors for texture classification of lung nodule tissue in CT. , 2015, 2015, 7909-12.		8
117	The Ninapro database: A resource for sEMG naturally controlled robotic hand prosthetics. , 2015, 2015, 7151-4.		37
118	Effects of prosthesis use on the capability to control myoelectric robotic prosthetic hands. , 2015, 2015, 3456-9.		3
119	A decade of community-wide efforts in advancing medical image understanding and retrieval. Computerized Medical Imaging and Graphics, 2015, 39, 1-2.	3.5	2
120	Comparing image search behaviour in the ARRS GoldMiner search engine and a clinical PACS/RIS. Journal of Biomedical Informatics, 2015, 56, 57-64.	2.5	7
121	User-oriented evaluation of a medical image retrieval system for radiologists. International Journal of Medical Informatics, 2015, 84, 774-783.	1.6	16
122	Analyzing Medical Image Search Behavior: Semantics and Prediction of Query Results. Journal of Digital Imaging, 2015, 28, 537-546.	1.6	2
123	Report on the Evaluation-as-a-Service (EaaS) Expert Workshop. ACM SIGIR Forum, 2015, 49, 57-65.	0.4	19
124	General Overview of ImageCLEF at the CLEF 2015 Labs. Lecture Notes in Computer Science, 2015, , 444-461.	1.0	17
125	Div150Cred. , 2015, , .		21
126	Comparing fusion techniques for the ImageCLEF 2013 medical case retrieval task. Computerized Medical Imaging and Graphics, 2015, 39, 46-54.	3.5	13



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127	Evaluating performance of biomedical image retrieval systems—An overview of the medical image retrieval task at ImageCLEF 2004—2013. <i>Computerized Medical Imaging and Graphics</i> , 2015, 39, 55-61.	3.5	94
128	Characterization of a Benchmark Database for Myoelectric Movement Classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2015, 23, 73-83.	2.7	193
129	Meaningful Bags of Words for Medical Image Classification and Retrieval. , 2015, , 73-93.		3
130	LifeCLEF 2015: Multimedia Life Species Identification Challenges. <i>Lecture Notes in Computer Science</i> , 2015, , 462-483.	1.0	57
131	Overview of the VISCERAL Retrieval Benchmark 2015. <i>Lecture Notes in Computer Science</i> , 2015, , 115-123.	1.0	21
132	Semi-supervised Learning for Image Modality Classification. <i>Lecture Notes in Computer Science</i> , 2015, , 85-98.	1.0	6
133	Combining Unsupervised Feature Learning and Riesz Wavelets for Histopathology Image Representation: Application to Identifying Anaplastic Medulloblastoma. <i>Lecture Notes in Computer Science</i> , 2015, , 581-588.	1.0	12
134	RadLex Terms and Local Texture Features for Multimodal Medical Case Retrieval. <i>Lecture Notes in Computer Science</i> , 2015, , 144-152.	1.0	5
135	Overview of the First Workshop of Muldimodal Retrieval in the Medical Domain (MRMD 2015). <i>Lecture Notes in Computer Science</i> , 2015, , 1-7.	1.0	0
136	USYD/HES-SO in the VISCERAL Retrieval Benchmark. <i>Lecture Notes in Computer Science</i> , 2015, , 139-143.	1.0	3
137	Workshop Multimodal Retrieval in the Medical Domain (MRMD) 2015. <i>Lecture Notes in Computer Science</i> , 2015, , 834-837.	1.0	1
138	Multi-structure Atlas-Based Segmentation Using Anatomical Regions of Interest. <i>Lecture Notes in Computer Science</i> , 2014, , 217-221.	1.0	3
139	Enhanced visualization of pulmonary perfusion in 4D Dual Energy CT images. , 2014, 2014, 6710-3.		2
140	Gesture Interaction for Content-based Medical Image Retrieval. , 2014, , .		16
141	MedIR14. , 2014, , .		0
142	A Visual Information Retrieval System for Radiology Reports and the Medical Literature. <i>Lecture Notes in Computer Science</i> , 2014, , 390-393.	1.0	4
143	Finding seed points for organ segmentation using example annotations. , 2014, , .		0
144	Benchmarking result diversification in social image retrieval. , 2014, , .		7

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145	Facilitating medical information search using Google Glass connected to a content-based medical image retrieval system. , 2014, 2014, 4507-10.		17
146	Classification of hand movements in amputated subjects by sEMG and accelerometers. , 2014, 2014, 3545-9.		31
147	Natural control capabilities of robotic hands by hand amputated subjects. , 2014, 2014, 4362-5.		5
148	Are Species Identification Tools Biodiversity-friendly?. , 2014, , .		3
149	Fusion Techniques in Biomedical Information Retrieval. , 2014, , 209-228.		7
150	Retrieval of high-dimensional visual data: current state, trends and challenges ahead. Multimedia Tools and Applications, 2014, 69, 539-567.	2.6	13
151	Rotationâ€Covariant Texture Learning Using Steerable Riesz Wavelets. IEEE Transactions on Image Processing, 2014, 23, 898-908.	6.0	48
152	Three-dimensional solid texture analysis in biomedical imaging: Review and opportunities. Medical Image Analysis, 2014, 18, 176-196.	7.0	188
153	Div400. , 2014, , .		35
154	Multi atlas-based segmentation with data driven refinement. , 2014, , .		2
155	ImageCLEF 2014: Overview and Analysis of the Results. Lecture Notes in Computer Science, 2014, , 192-211.	1.0	44
156	LifeCLEF 2014: Multimedia Life Species Identification Challenges. Lecture Notes in Computer Science, 2014, , 229-249.	1.0	37
157	Movement Error Rate for Evaluation of Machine Learning Methods for sEMG-Based Hand Movement Classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 735-744.	2.7	149
158	Medical Image Retrieval: A Multimodal Approach. Cancer Informatics, 2014, 13s3, CIN.S14053.	0.9	39
159	Electromyography data for non-invasive naturally-controlled robotic hand prostheses. Scientific Data, 2014, 1, 140053.	2.4	482
160	Measuring and Analyzing the Scholarly Impact of Experimental Evaluation Initiatives. Procedia Computer Science, 2014, 38, 133-137.	1.2	8
161	Hierarchic Multiâ€atlas Based Segmentation for Anatomical Structures: Evaluation in the VISCERAL Anatomy Benchmarks. Lecture Notes in Computer Science, 2014, , 189-200.	1.0	9
162	Overview of the 2013 Workshop on Medical Computer Vision (MCV 2013). Lecture Notes in Computer Science, 2014, , 3-10.	1.0	1

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163	Overview of the 2013 Workshop on Medical Computer Vision (MCV 2013). Lecture Notes in Computer Science, 2014, , 3-10.	1.0	0
164	2D-Based 3D Volume Retrieval Using Singular Value Decomposition of Detected Regions. Lecture Notes in Computer Science, 2014, , 185-195.	1.0	1
165	Using Probability Maps for Multi-organ Automatic Segmentation. Lecture Notes in Computer Science, 2014, , 222-228.	1.0	1
166	Overview of the 2014 Workshop on Medical Computer Vision Algorithms for Big Data (MCV 2014). Lecture Notes in Computer Science, 2014, , 3-10.	1.0	0
167	2D-Based 3D Volume Retrieval Using Singular Value Decomposition of Detected Regions. Lecture Notes in Computer Science, 2014, , 185-195.	1.0	2
168	Rotation-covariant texture analysis of 4D dual-energy CT as an indicator of local pulmonary perfusion. , 2013, , .		8
169	Rotation-covariant visual concept detection using steerable Riesz wavelets and bags of visual words. Proceedings of SPIE, 2013, , .	0.8	4
170	Separating compound figures in journal articles to allow for subfigure classification. Proceedings of SPIE, 2013, , .	0.8	18
171	Medical image retrieval using bag of meaningful visual words. , 2013, , .		13
172	PROMISE technology transfer day. ACM SIGIR Forum, 2013, 47, 53-58.	0.4	3
173	ImageCLEF 2013: The Vision, the Data and the Open Challenges. Lecture Notes in Computer Science, 2013, , 250-268.	1.0	18
174	Epileptogenic Lesion Quantification in MRI Using Contralateral 3D Texture Comparisons. Lecture Notes in Computer Science, 2013, 16, 353-360.	1.0	5
175	Cloud-Based Evaluation Framework for Big Data. Lecture Notes in Computer Science, 2013, , 104-114.	1.0	6
176	Recognition of hand movements in a trans-radial amputated subject by sEMG. , 2013, 2013, 6650486.		16
177	Benefits of texture analysis of dual energy CT for Computer-Aided pulmonary embolism detection. , 2013, 2013, 3973-6.		7
178	Determining the relative importance of figures in journal articles to find representative images. Proceedings of SPIE, 2013, , .	0.8	3
179	Region-based volumetric medical image retrieval. , 2013, , .		4
180	Medical (Visual) Information Retrieval. Lecture Notes in Computer Science, 2013, , 155-166.	1.0	6

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181	Bagof Colors for Biomedical Document Image Classification. Lecture Notes in Computer Science, 2013, , 110-121.	1.0	12
182	Retrieval of 4D Dual Energy CT for Pulmonary Embolism Diagnosis. Lecture Notes in Computer Science, 2013, , 45-55.	1.0	5
183	VISCERAL: Towards Large Data in Medical Imaging – Challenges and Directions. Lecture Notes in Computer Science, 2013, , 92-98.	1.0	45
184	The Scholarly Impact of CLEF (2000–2009). Lecture Notes in Computer Science, 2013, , 1-12.	1.0	23
185	Overview of the Third Workshop on Medical Content-Based Retrieval for Clinical Decision Support (MCBR–CDS 2012). Lecture Notes in Computer Science, 2013, , 1-9.	1.0	6
186	User tests for assessing a medical image retrieval system: a pilot study. Studies in Health Technology and Informatics, 2013, 192, 224-8.	0.2	4
187	Using Multiscale Visual Words for Lung Texture Classification and Retrieval. Lecture Notes in Computer Science, 2012, , 69-79.	1.0	25
188	PROMISE winter school 2012 information retrieval meets information visualization. ACM SIGIR Forum, 2012, 46, 65-70.	0.4	0
189	PROMISE retreat report prospects and opportunities for information access evaluation. ACM SIGIR Forum, 2012, 46, 60-84.	0.4	8
190	Ground truth generation in medical imaging. , 2012, , .		48
191	Creating a classification of image types in the medical literature for visual categorization. Proceedings of SPIE, 2012, , .	0.8	19
192	Multi-scale visual words for hierarchical medical image categorisation. , 2012, , .		3
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