

# Dwarikanath Mahapatra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2274532/publications.pdf>

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26  
papers

1,053  
citations

567281

15  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glaucoma detection using entropy sampling and ensemble learning for automatic optic cup and disc segmentation. Computerized Medical Imaging and Graphics, 2017, 55, 28-41.	5.8	278
2	Image super-resolution using progressive generative adversarial networks for medical image analysis. Computerized Medical Imaging and Graphics, 2019, 71, 30-39.	5.8	177
3	MoNuSAC2020: A Multi-Organ Nuclei Segmentation and Classification Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3413-3423.	8.9	71
4	Prostate MRI Segmentation Using Learned Semantic Knowledge and Graph Cuts. IEEE Transactions on Biomedical Engineering, 2014, 61, 756-764.	4.2	68
5	Automatic Detection and Segmentation of Crohn's Disease Tissues From Abdominal MRI. IEEE Transactions on Medical Imaging, 2013, 32, 2332-2347.	8.9	54
6	Semi-supervised learning and graph cuts for consensus based medical image segmentation. Pattern Recognition, 2017, 63, 700-709.	8.1	54
7	Training data independent image registration using generative adversarial networks and domain adaptation. Pattern Recognition, 2020, 100, 107109.	8.1	39
8	Cardiac Image Segmentation from Cine Cardiac MRI Using Graph Cuts and Shape Priors. Journal of Digital Imaging, 2013, 26, 721-730.	2.9	34
9	Interpretability-Driven Sample Selection Using Self Supervised Learning for Disease Classification and Segmentation. IEEE Transactions on Medical Imaging, 2021, 40, 2548-2562.	8.9	31
10	Improving Medical Images Classification With Label Noise Using Dual-Uncertainty Estimation. IEEE Transactions on Medical Imaging, 2022, 41, 1533-1546.	8.9	31
11	ExprADA: Adversarial domain adaptation for facial expression analysis. Pattern Recognition, 2020, 100, 107111.	8.1	26
12	Combining multiple expert annotations using semi-supervised learning and graph cuts for medical image segmentation. Computer Vision and Image Understanding, 2016, 151, 114-123.	4.7	25
13	Active learning based segmentation of Crohns disease from abdominal MRI. Computer Methods and Programs in Biomedicine, 2016, 128, 75-85.	4.7	21
14	Informative sample generation using class aware generative adversarial networks for classification of chest Xrays. Computer Vision and Image Understanding, 2019, 184, 57-65.	4.7	20
15	Pathological Retinal Region Segmentation From OCT Images Using Geometric Relation Based Augmentation. , 2020, , .		20
16	Automatic Cardiac Segmentation Using Semantic Information from Random Forests. Journal of Digital Imaging, 2014, 27, 794-804.	2.9	19
17	Improving multi-label chest X-ray disease diagnosis by exploiting disease and health labels dependencies. Multimedia Tools and Applications, 2020, 79, 14889-14902.	3.9	17
18	Synergic Adversarial Label Learning for Grading Retinal Diseases via Knowledge Distillation and Multi-Task Learning. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3709-3720.	6.3	16

#	ARTICLE	IF	CITATIONS
19	Cardiac MRI Segmentation Using Mutual Context Information from Left and Right Ventricle. Journal of Digital Imaging, 2013, 26, 898-908.	2.9	15
20	Medical Image Classification Using Generalized Zero Shot Learning. , 2021, , .		15
21	Outlier-Based Autism Detection Using Longitudinal Structural MRI. IEEE Access, 2022, 10, 27794-27808.	4.2	8
22	Registration of Histopathology Images Using Self Supervised Fine Grained Feature Maps. Lecture Notes in Computer Science, 2020, , 41-51.	1.3	5
23	Editorial: Computational Pathology. Frontiers in Medicine, 2020, 7, 245.	2.6	3
24	Self-supervised Learning of Inter-label Geometric Relationships for Gleason Grade Segmentation. Lecture Notes in Computer Science, 2021, , 57-67.	1.3	3
25	Self-supervised Multimodal Generalized Zero Shot Learning for Gleason Grading. Lecture Notes in Computer Science, 2021, , 46-56.	1.3	3
26	Recent Advances in Statistical Data and Signal Analysis: Application to Real World Diagnostics from Medical and Biological Signals. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-1.	1.3	0