

Veronika Cheplygina

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,701
citations

643344

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h-index

488211

31
g-index

36
all docs

36
docs citations

36
times ranked

2039
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning for medical imaging: methodological failures and recommendations for the future. Npj Digital Medicine, 2022, 5, 48.	5.7	179
2	Crowdsourcing airway annotations in chest computed tomography images. PLoS ONE, 2021, 16, e0249580.	1.1	1
3	High-level prior-based loss functions for medical image segmentation: A survey. Computer Vision and Image Understanding, 2021, 210, 103248.	3.0	43
4	Ten simple rules for getting started on Twitter as a scientist. PLoS Computational Biology, 2020, 16, e1007513.	1.5	49
5	Effective Self-Management for Early Career Researchers in the Natural and Life Sciences. Neuron, 2020, 106, 212-217.	3.8	15
6	Risk of Training Diagnostic Algorithms on Data with Demographic Bias. Lecture Notes in Computer Science, 2020, , 183-192.	1.0	17
7	CrowdDetective: Wisdom of the Crowds for Detecting Abnormalities in Medical Scans. Journal of Trial and Error, 2020, 1, 59-71.	0.2	2
8	Cats or CAT scans: Transfer learning from natural or medical image source data sets?. Current Opinion in Biomedical Engineering, 2019, 9, 21-27.	1.8	35
9	Not-so-supervised: A survey of semi-supervised, multi-instance, and transfer learning in medical image analysis. Medical Image Analysis, 2019, 54, 280-296.	7.0	545
10	Multiple instance learning: A survey of problem characteristics and applications. Pattern Recognition, 2018, 77, 329-353.	5.1	392
11	Automatic emphysema detection using weakly labeled HRCT lung images. PLoS ONE, 2018, 13, e0205397.	1.1	17
12	Transfer Learning for Multicenter Classification of Chronic Obstructive Pulmonary Disease. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1486-1496.	3.9	57
13	Crowd Disagreement About Medical Images Is Informative. Lecture Notes in Computer Science, 2018, , 105-111.	1.0	6
14	Exploring the Similarity of Medical Imaging Classification Problems. Lecture Notes in Computer Science, 2017, , 59-66.	1.0	4
15	Crowdsourced Emphysema Assessment. Lecture Notes in Computer Science, 2017, , 126-135.	1.0	3
16	Asymmetric similarity-weighted ensembles for image segmentation. , 2016, , .		4
17	Dissimilarity-Based Ensembles for Multiple Instance Learning. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1379-1391.	7.2	37
18	Early Experiences with Crowdsourcing Airway Annotations in Chest CT. Lecture Notes in Computer Science, 2016, , 209-218.	1.0	15

#	ARTICLE	IF	CITATIONS
19	The Similarity Between Dissimilarities. Lecture Notes in Computer Science, 2016, , 84-94.	1.0	0
20	On classification with bags, groups and sets. Pattern Recognition Letters, 2015, 59, 11-17.	2.6	20
21	Single- vs. multiple-instance classification. Pattern Recognition, 2015, 48, 2831-2838.	5.1	30
22	Dissimilarity Representations for Low-Resolution Face Recognition. Lecture Notes in Computer Science, 2015, , 70-83.	1.0	3
23	Multiple instance learning with bag dissimilarities. Pattern Recognition, 2015, 48, 264-275.	5.1	99
24	Characterizing Multiple Instance Datasets. Lecture Notes in Computer Science, 2015, , 15-27.	1.0	8
25	Label Stability in Multiple Instance Learning. Lecture Notes in Computer Science, 2015, , 539-546.	1.0	8
26	Classification of COPD with Multiple Instance Learning. , 2014, , .		25
27	Network-Guided Group Feature Selection for Classification of Autism Spectrum Disorder. Lecture Notes in Computer Science, 2014, , 190-197.	1.0	2
28	Combining Instance Information to Classify Bags. Lecture Notes in Computer Science, 2013, , 13-24.	1.0	4
29	BRIDGING STRUCTURE AND FEATURE REPRESENTATIONS IN GRAPH MATCHING. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1260005.	0.7	5
30	Class-Dependent Dissimilarity Measures for Multiple Instance Learning. Lecture Notes in Computer Science, 2012, , 602-610.	1.0	4
31	Pruned Random Subspace Method for One-Class Classifiers. Lecture Notes in Computer Science, 2011, , 96-105.	1.0	16
32	Bag Dissimilarities for Multiple Instance Learning. Lecture Notes in Computer Science, 2011, , 222-234.	1.0	16
33	A Survey of Crowdsourcing in Medical Image Analysis. Human Computation, 0, 7, 1-26.	1.0	19
34	A Survey of Crowdsourcing in Medical Image Analysis. Human Computation, 0, 7, 1-26.	1.0	11