

Beatriz Remeseiro

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

878
citations

758635

12
h-index

500791

28
g-index

52
all docs

52
docs citations

52
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Case Studies to Demonstrate Real-World Applications in Ophthalmic Image Analysis. Intelligent Systems Reference Library, 2022, , 83-125.	1.0	0
2	Automatic classification of retinal blood vessels based on multilevel thresholding and graph propagation. Visual Computer, 2021, 37, 1247-1261.	2.5	11
3	Do individuals with autoimmune disease have increased risk of subclinical carotid atherosclerosis and stiffness?. Hypertension Research, 2021, 44, 978-987.	1.5	3
4	Playing to distraction: towards a robust training of CNN classifiers through visual explanation techniques. Neural Computing and Applications, 2021, 33, 16937-16949.	3.2	6
5	Feature selection in image analysis: a survey. Artificial Intelligence Review, 2020, 53, 2905-2931.	9.7	67
6	Semantic segmentation with DenseNets for carotid artery ultrasound plaque segmentation and CIMT estimation. Artificial Intelligence in Medicine, 2020, 103, 101784.	3.8	30
7	DeepNEM: Deep Network Energy-Minimization for Agricultural Field Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 726-737.	2.3	2
8	Towards explainable personalized recommendations by learning from users' photos. Information Sciences, 2020, 520, 416-430.	4.0	21
9	ON THE IMPROVEMENT OF A PROGRAMMING GYMKHANA FOR PYTHON SELF-LEARNING. , 2020, , .		0
10	FINEXT 2020: DESIGNING INNOVATIVE ACTIONS BASED ON PAST EXPERIENCES AND PROJECTS. , 2020, , .		0
11	A review of feature selection methods in medical applications. Computers in Biology and Medicine, 2019, 112, 103375.	3.9	393
12	Automatic detection of defective crankshafts by image analysis and supervised classification. International Journal of Advanced Manufacturing Technology, 2019, 105, 3761-3777.	1.5	14
13	Feature Selection for Big Visual Data: Overview and Challenges. Lecture Notes in Computer Science, 2018, , 136-143.	1.0	2
14	Grab, Pay, and Eat: Semantic Food Detection for Smart Restaurants. IEEE Transactions on Multimedia, 2018, 20, 3266-3275.	5.2	77
15	Machine Learning Applied to Optometry Data. Intelligent Systems Reference Library, 2018, , 123-160.	1.0	5
16	Automatic and semi-automatic approaches for arteriolar-to-venular computation in retinal photographs. , 2017, , .		1
17	Objective quality assessment of retinal images based on texture features. , 2017, , .		5
18	Parallel definition of tear film maps on distributed-memory clusters for the support of dry eye diagnosis. Computer Methods and Programs in Biomedicine, 2017, 139, 51-60.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Evaluation of an automatic dry eye test using MCDM methods and rank correlation. Medical and Biological Engineering and Computing, 2017, 55, 527-536.	1.6	12
20	Analyzing First-Person Stories Based on Socializing, Eating and Sedentary Patterns. Lecture Notes in Computer Science, 2017, , 109-119.	1.0	5
21	iDEAS: A web-based system for dry eye assessment. Computer Methods and Programs in Biomedicine, 2016, 130, 186-197.	2.6	13
22	Acceleration of Tear Film Map Definition on Multicore Systems. Procedia Computer Science, 2016, 80, 41-51.	1.2	2
23	CASDES: A Computer-Aided System to Support Dry Eye Diagnosis Based on Tear Film Maps. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 936-943.	3.9	19
24	A Texture-Based Method for Choroid Segmentation in Retinal EDI-OCT Images. Lecture Notes in Computer Science, 2015, , 487-493.	1.0	3
25	Real-Time Tear Film Classification Through Cost-Based Feature Selection. Lecture Notes in Computer Science, 2015, , 78-98.	1.0	3
26	Automatic grading system for human tear films. Pattern Analysis and Applications, 2015, 18, 677-694.	3.1	9
27	Automatic Eye Blink Detection Using Consumer Web Cameras. Lecture Notes in Computer Science, 2015, , 103-114.	1.0	0
28	Choroid Characterization in EDI OCT Retinal Images Based on Texture Analysis. , 2015, , .		1
29	Correlation between Tear Osmolarity and Tear Meniscus. Optometry and Vision Science, 2014, 91, 1419-1429.	0.6	19
30	A Methodology for Improving Tear Film Lipid Layer Classification. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1485-1493.	3.9	32
31	Evaluation of Class Binarization and Feature Selection in Tear Film Classification using TOPSIS. Communications in Computer and Information Science, 2014, , 179-193.	0.4	1
32	Imaging of the Eye after Glaucoma Surgery. , 2014, , 198-213.		0
33	Automatic classification of the interferential tear film lipid layer using colour texture analysis. Computer Methods and Programs in Biomedicine, 2013, 111, 93-103.	2.6	19
34	Automatic cyst detection in OCT retinal images combining region flooding and texture analysis. , 2013, , .		21
35	Criteria for lipid layer pattern evaluation: Pli-marker database. Proceedings of SPIE, 2013, , .	0.8	2
36	Colour Texture Segmentation of Tear Film Lipid Layer Images. Lecture Notes in Computer Science, 2013, , 140-147.	1.0	1

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37	Statistical Comparison of Classifiers Applied to the Interferential Tear Film Lipid Layer Automatic Classification. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-10.	0.7	18
38	Interferential Tear Film Lipid Layer Classification: An Automatic Dry Eye Test. , 2012, , .		3
39	Colour Texture Analysis for Classifying the Tear Film Lipid Layer: A Comparative Study. , 2011, , .		8
40	Texture and Color Analysis for the Automatic Classification of the Eye Lipid Layer. Lecture Notes in Computer Science, 2011, , 66-73.	1.0	11
41	Directional Gaze Analysis in Webcam Video Sequences. Lecture Notes in Computer Science, 2010, , 316-324.	1.0	2
42	Color Texture Analysis for Tear Film Classification: A Preliminary Study. Lecture Notes in Computer Science, 2010, , 388-397.	1.0	10
43	Automatic Drusen Detection from Digital Retinal Images: AMD Prevention. Lecture Notes in Computer Science, 2009, , 187-194.	1.0	5
44	Characterisation of Retinal Feature Points Applied to a Biometric System. Lecture Notes in Computer Science, 2009, , 355-363.	1.0	2
45	Polyvascular Subclinical Atherosclerosis: Correlation Between Ankle Brachial Index and Carotid Atherosclerosis in a Population-Based Sample. Angiology, 0, , 000331972211107.	0.8	2