

# Daniel Riccio

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,538  
citations

361413

20  
h-index

214800

47  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Histology Images Based on a Compact 3D Representation. Communications in Computer and Information Science, 2022, , 1-11.	0.5	0
2	Gigapixel Histopathological Image Analysis Using Attention-Based Neural Networks. IEEE Access, 2021, 9, 87552-87562.	4.2	15
3	BACH: Grand challenge on breast cancer histology images. Medical Image Analysis, 2019, 56, 122-139.	11.6	356
4	A Deep Learning Approach for Breast Invasive Ductal Carcinoma Detection and Lymphoma Multi-Classification in Histological Images. IEEE Access, 2019, 7, 44709-44720.	4.2	58
5	Off-line enterprise rights management leveraging biometric key binding and secure hardware. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2883-2894.	4.9	8
6	A New Unsupervised Approach for Segmenting and Counting Cells in High-Throughput Microscopy Image Sets. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 437-448.	6.3	32
7	A hand-based biometric system in visible light for mobile environments. Information Sciences, 2019, 479, 472-485.	6.9	27
8	An Unsupervised Approach for Eye Sclera Segmentation. Lecture Notes in Computer Science, 2018, , 550-557.	1.3	1
9	Automatic segmentation of pigment deposits in retinal fundus images of Retinitis Pigmentosa. Computerized Medical Imaging and Graphics, 2018, 66, 73-81.	5.8	8
10	Using direction and score information for retina based person verification. Expert Systems With Applications, 2018, 94, 1-10.	7.6	7
11	Multi-classification of Breast Cancer Histology Images by Using a Fine-Tuning Strategy. Lecture Notes in Computer Science, 2018, , 771-778.	1.3	19
12	Leveraging implicit demographic information for face recognition using a multi-expert system. Multimedia Tools and Applications, 2017, 76, 23383-23411.	3.9	2
13	MEG: Texture operators for multi-expert gender classification. Computer Vision and Image Understanding, 2017, 156, 4-18.	4.7	16
14	Two deep approaches for ADL recognition: A multi-scale LSTM and a CNN-LSTM with a 3D matrix skeleton representation. , 2017, , .		17
15	Improving Face Recognition in Low Quality Video Sequences: Single Frame vs Multi-frame Super-Resolution. Lecture Notes in Computer Science, 2017, , 637-647.	1.3	1
16	Partial Matching of Finger Vein Patterns Based on Point Sets Alignment and Directional Information. Lecture Notes in Computer Science, 2017, , 19-26.	1.3	0
17	Weighty LBP: A New Selection Strategy of LBP Codes Depending on Their Information Content. Lecture Notes in Computer Science, 2017, , 424-434.	1.3	0
18	Flexible and robust Enterprise Right Management. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	An insight on eye biometrics. Pattern Recognition Letters, 2016, 82, 89-91.	4.2	1
20	Eye movement analysis for human authentication: a critical survey. Pattern Recognition Letters, 2016, 84, 272-283.	4.2	33
21	WIRE: Watershed based iris recognition. Pattern Recognition, 2016, 52, 148-159.	8.1	31
22	Severe: Segmenting vessels in retina images. Pattern Recognition Letters, 2016, 82, 162-169.	4.2	23
23	Effective Retinal Blood Vessel Detection Using Only Directional Information. , 2015, , .		0
24	MOSAIC+: Fragment retrieval and reconstruction enhancement for virtual restoration. Journal of Visual Languages and Computing, 2015, 31, 139-149.	1.8	2
25	BIRD: Watershed Based IRis Detection for mobile devices. Pattern Recognition Letters, 2015, 57, 43-51.	4.2	27
26	Mobile Iris Challenge Evaluation (MICHE)-I, biometric iris dataset and protocols. Pattern Recognition Letters, 2015, 57, 17-23.	4.2	165
27	Entropy-Based Automatic Segmentation and Extraction of Tumors from Brain MRI Images. Lecture Notes in Computer Science, 2015, , 195-206.	1.3	3
28	Robust face recognition after plastic surgery using region-based approaches. Pattern Recognition, 2015, 48, 1261-1276.	8.1	31
29	GANT: Gaze analysis technique for human identification. Pattern Recognition, 2015, 48, 1027-1038.	8.1	82
30	MOSAIC: Multi-object Segmentation for Assisted Image ReConstruction. Lecture Notes in Computer Science, 2015, , 282-299.	1.3	3
31	MOSAIC+: tools to assist virtual restoration. , 2015, , .		5
32	GETSEL: Gallery entropy for template selection on large datasets. , 2014, , .		4
33	COMPLEX NUMBERS AS A COMPACT WAY TO REPRESENT SCORES AND THEIR RELIABILITY IN RECOGNITION BY MULTI-BIOMETRIC FUSION. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1460003.	1.2	6
34	Using Contrast and Directional Information for Retinal Vessels Segmentation. , 2014, , .		9
35	Babies: Biometric authentication of newborn identities by means of ear signatures. , 2014, , .		5
36	IDEM: Iris DEtection on Mobile Devices. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
37	ES-RU: an entropy based rule to select representative templates in face surveillance. Multimedia Tools and Applications, 2014, 73, 109-128.	3.9	7
38	FIRME: Face and Iris Recognition for Mobile Engagement. Image and Vision Computing, 2014, 32, 1161-1172.	4.5	119
39	Using Mutual Information for Multi-Anchor Tracking of Human Beings. Lecture Notes in Computer Science, 2014, , 28-39.	1.3	5
40	Unconstrained Ear Processing: What is Possible and What Must Be Done. Lecture Notes in Electrical Engineering, 2014, , 129-190.	0.4	11
41	ALOE: Augmented Local Operator for Edge Detection. Lecture Notes in Computer Science, 2014, , 215-223.	1.3	0
42	Entropy-based template analysis in face biometric identification systems. Signal, Image and Video Processing, 2013, 7, 493-505.	2.7	19
43	FAME: Face Authentication for Mobile Encounter. , 2013, , .		10
44	Robust Face Recognition for Uncontrolled Pose and Illumination Changes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 149-163.	9.3	80
45	A New Gaze Analysis Based Soft-Biometric. Lecture Notes in Computer Science, 2013, , 136-144.	1.3	15
46	Watershed Based Iris SEgmentation. Lecture Notes in Computer Science, 2013, , 204-212.	1.3	5
47	Using the Watershed Transform for Iris Detection. Lecture Notes in Computer Science, 2013, , 269-278.	1.3	3
48	Fusion of Multi-biometric Recognition Results by Representing Score and Reliability as a Complex Number. Lecture Notes in Computer Science, 2013, , 302-309.	1.3	0
49	Demographics versus Biometric Automatic Interoperability. Lecture Notes in Computer Science, 2013, , 472-481.	1.3	3
50	EGA &#x2014; Ethnicity, gender and age, a pre-annotated face database. , 2012, , .		26
51	Moving face spoofing detection via 3D projective invariants. , 2012, , .		73
52	M-VIVIE: A multi-thread video indexer via identity extraction. Pattern Recognition Letters, 2012, 33, 1882-1890.	4.2	3
53	CABALA&#x2014; Collaborative architectures based on biometric adaptable layers and activities. Pattern Recognition, 2012, 45, 2348-2362.	8.1	7
54	Noisy Iris Recognition Integrated Scheme. Pattern Recognition Letters, 2012, 33, 1006-1011.	4.2	43

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55	Entropy in Biometric Face Template Analysis. Lecture Notes in Computer Science, 2012, , 72-79.	1.3	0
56	FOVEA: A video frame organizer via identity extraction and analysis. , 2011, , .		0
57	NABS: Novel Approaches for Biometric Systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2011, 41, 481-493.	2.9	35
58	MUBAI: multiagent biometrics for ambient intelligence. Journal of Ambient Intelligence and Humanized Computing, 2011, 2, 81-89.	4.9	12
59	Iris segmentation using pupil location, linearization, and limbus boundary reconstruction in ambient intelligent environments. Journal of Ambient Intelligence and Humanized Computing, 2011, 2, 153-162.	4.9	6
60	Face authentication with undercontrolled pose and illumination. Signal, Image and Video Processing, 2011, 5, 401-413.	2.7	4
61	Measuring measures for face sample quality. , 2011, , .		11
62	Automatic Template Labeling in Extensible Multiagent Biometric Systems. Lecture Notes in Computer Science, 2011, , 313-322.	1.3	0
63	Combining Fractal Coding and Orthogonal Linear Transforms. ISRN Signal Processing, 2011, 2011, 1-9.	2.9	0
64	Multiple Traits for People Identification. Studies in Computational Intelligence, 2010, , 79-95.	0.9	1
65	Face: face analysis for Commercial Entities. , 2010, , .		20
66	Measuring sample distortions in face recognition. , 2010, , .		5
67	FARO: FAcE Recognition Against Occlusions and Expression Variations. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 121-132.	2.9	44
68	HERO: Human Ear Recognition against Occlusions. , 2010, , .		13
69	3D Face Recognition. , 2009, , 263-295.		7
70	Normal maps vs. visible images: Comparing classifiers and combining modalities. Journal of Visual Languages and Computing, 2009, 20, 156-168.	1.8	2
71	A multiexpert collaborative biometric system for people identification. Journal of Visual Languages and Computing, 2009, 20, 91-100.	1.8	7
72	Fine: Fractal indexing based on neighborhood estimation. , 2009, , .		0

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73	A Self-tuning People Identification System from Split Face Components. Lecture Notes in Computer Science, 2009, , 1-12.	1.3	4
74	Multibiometric People Identification: A Self-tuning Architecture. Lecture Notes in Computer Science, 2009, , 980-989.	1.3	1
75	Fractal Based Image Indexing and Retrieval. Studies in Computational Intelligence, 2009, , 73-92.	0.9	2
76	Fractal Indexing in Multimodal Biometric Contexts. Studies in Computational Intelligence, 2009, , 93-120.	0.9	1
77	RBS: A ROBUST BIMODAL SYSTEM FOR FACE RECOGNITION. International Journal of Software Engineering and Knowledge Engineering, 2007, 17, 497-513.	0.8	13
78	Face, Ear and Fingerprint: Designing Multibiometric Architectures. , 2007, , .		8
79	2D and 3D face recognition: A survey. Pattern Recognition Letters, 2007, 28, 1885-1906.	4.2	726
80	Geometric invariants for 2D/3D face recognition. Pattern Recognition Letters, 2007, 28, 1907-1914.	4.2	34
81	Embedding Quality Measures in PIFS Fractal Coding. Lecture Notes in Computer Science, 2007, , 784-793.	1.3	0
82	Embedding Linear Transformations in Fractal Image Coding. , 2007, , 1002-1013.		0
83	Face authentication using speed fractal technique. Image and Vision Computing, 2006, 24, 977-986.	4.5	9
84	A range/domain approximation error-based approach for fractal image compression. IEEE Transactions on Image Processing, 2006, 15, 89-97.	9.8	73
85	Occluded Face Recognition by Means of the IFS. Lecture Notes in Computer Science, 2005, , 1073-1080.	1.3	4
86	RECOGNIZING OCCLUDED FACE USING FRACTALS. , 2005, , .		0
87	Local vs. Global. Advances in Computational Intelligence and Robotics Book Series, 0, , 187-205.	0.4	0
88	Face Searching in Large Databases. , 0, , 16-41.		0