

Moises Diaz

List of Publications by Year in descending order

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68
papers

1,541
citations

430754

18
h-index

395590

33
g-index

69
all docs

69
docs citations

69
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Writing Order Recovery in Complex and Long Static Handwriting. International Journal of Interactive Multimedia and Artificial Intelligence, 2022, 7, 171.	1.0	7
2	SVC-onGoing: Signature verification competition. Pattern Recognition, 2022, 127, 108609.	5.1	28
3	A survey of visual and procedural handwriting analysis for neuropsychological assessment. Neural Computing and Applications, 2022, 34, 9561-9578.	3.2	8
4	Sequence-based dynamic handwriting analysis for Parkinson's disease detection with one-dimensional convolutions and BiGRUs. Expert Systems With Applications, 2021, 168, 114405.	4.4	49
5	ICDAR 2021 Competition on Script Identification in the Wild. Lecture Notes in Computer Science, 2021, , 738-753.	1.0	0
6	Human or Machine? It Is Not What You Write, But How You Write It. , 2021, , .		3
7	Energy efficiency analysis as a function of the working voltages in supercapacitors. Energy, 2021, 230, 120689.	4.5	15
8	ICDAR 2021 Competition on On-Line Signature Verification. Lecture Notes in Computer Science, 2021, , 723-737.	1.0	4
9	One vs. One Offline Signature Verification: A Forensic Handwriting Examiners Perspective. , 2021, , .		1
10	Towards human-like kinematics in industrial robotic arms: a case study on a UR3 robot. , 2021, , .		3
11	iDeLog: Iterative Dual Spatial and Kinematic Extraction of Sigma-Lognormal Parameters. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 114-125.	9.7	28
12	Investigating the Common Authorship of Signatures by Off-Line Automatic Signature Verification Without the Use of Reference Signatures. IEEE Transactions on Information Forensics and Security, 2020, 15, 487-499.	4.5	9
13	Handwriting Biometrics: Applications and Future Trends in e-Security and e-Health. Cognitive Computation, 2020, 12, 940-953.	3.6	71
14	Towards a Man - Machine Interaction in Programming Robotic Subject. , 2020, , .		0
15	From operculum and body tail movements to different coupling of physical activity and respiratory frequency in farmed gilthead sea bream and European sea bass. Insights on aquaculture biosensing. Computers and Electronics in Agriculture, 2020, 175, 105531.	3.7	14
16	Comparison of Growth Patterns of COVID-19 Cases through the ARIMA and Gompertz Models. Case Studies: Austria, Switzerland, and Israel. Rambam Maimonides Medical Journal, 2020, 11, e0022.	0.4	6
17	Off-line Signature Verification Using Multidirectional Run-Length Features. , 2020, , .		1
18	SM-DTW: Stability Modulated Dynamic Time Warping for signature verification. Pattern Recognition Letters, 2019, 121, 113-122.	2.6	38

#	ARTICLE	IF	CITATIONS
19	Generating Off-line and On-line Forgeries from On-line Genuine Signatures. , 2019, , .		5
20	Dynamically enhanced static handwriting representation for Parkinsonâ€™s disease detection. Pattern Recognition Letters, 2019, 128, 204-210.	2.6	74
21	Universal robot employment to mimic human writing. , 2019, , .		10
22	A Perspective Analysis of Handwritten Signature Technology. ACM Computing Surveys, 2019, 51, 1-39.	16.1	142
23	Consumption and Emissions Analysis in Domestic Hot Water Hotels. Case Study: Canary Islands. Sustainability, 2019, 11, 599.	1.6	6
24	Weighted Direct Matching Points for User Stability Model in Multiple Domains: A Proposal for On-Line Signature Verification. , 2019, , .		5
25	Anthropomorphic Features for On-Line Signatures. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2807-2819.	9.7	19
26	Static and Dynamic Synthesis of Bengali and Devanagari Signatures. IEEE Transactions on Cybernetics, 2018, 48, 2896-2907.	6.2	18
27	Towards the design of an offline signature verifier based on a small number of genuine samples for training. Expert Systems With Applications, 2018, 107, 182-195.	4.4	39
28	Dynamic Signature Verification System Based on One Real Signature. IEEE Transactions on Cybernetics, 2018, 48, 228-239.	6.2	84
29	A Biometric Attack Case Based on Signature Synthesis. , 2018, , .		6
30	Stirring Up the Learning to Program Robotic Arms Through the Generation of Student Handwriting. , 2018, , .		1
31	Tracking the Ballistic Trajectory in Complex and Long Handwritten Signatures. , 2018, , .		9
32	Robotic Arm Motion for Verifying Signatures. , 2018, , .		5
33	A Behavioral Handwriting Model for Static and Dynamic Signature Synthesis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1041-1053.	9.7	65
34	Generation of Duplicated Off-Line Signature Images for Verification Systems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 951-964.	9.7	43
35	Stability-based system for bearing fault early detection. Expert Systems With Applications, 2017, 79, 65-75.	4.4	18
36	Myoelectronic signal-based methodology for the analysis of handwritten signatures. Human Movement Science, 2017, 55, 18-30.	0.6	7

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37	Two-steps perceptual important points estimator in 8-connected curves from handwritten signature. , 2017, , .		3
38	Assessing the common authorship of a set of questioned signature images. , 2017, , .		1
39	Recovering Western On-Line Signatures from Image-Based Specimens. , 2017, , .		9
40	Multiple Generation of Bengali Static Signatures. , 2016, , .		1
41	Multi-Script versus single-Script scenarios in automatic off-line signature verification. IET Biometrics, 2016, 5, 305-313.	1.6	18
42	Approaching the intra-class variability in multi-script static signature evaluation. , 2016, , .		10
43	Kinematic Modelling of Diphthong Articulation. Smart Innovation, Systems and Technologies, 2016, , 53-60.	0.5	8
44	Modeling the Lexical Morphology of Western Handwritten Signatures. PLoS ONE, 2015, 10, e0123254.	1.1	22
45	Off-line signature stability by optical flow: Feasibility study of predicting the verifier performance. , 2015, , .		1
46	Towards an automatic on-line signature verifier using only one reference per signer. , 2015, , .		24
47	Behaviour of dynamic and static feature dependences in constrained signatures. , 2015, , .		3
48	Earprint recognition based on an ensemble of global and local features. , 2015, , .		13
49	Novel method for early bearing fault detection based on dynamic stability measure. , 2015, , .		5
50	Robust real-time traffic light detection and distance estimation using a single camera. Expert Systems With Applications, 2015, 42, 3911-3923.	4.4	81
51	On-line signature recognition through the combination of real dynamic data and synthetically generated static data. Pattern Recognition, 2015, 48, 2921-2934.	5.1	98
52	Multidomain Verification of Dynamic Signatures Using Local Stability Analysis. IEEE Transactions on Human-Machine Systems, 2015, 45, 805-810.	2.5	50
53	Robust score normalization for DTW-based on-line signature verification. , 2015, , .		38
54	Static Signature Synthesis: A Neuromotor Inspired Approach for Biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 667-680.	9.7	93

#	ARTICLE	IF	CITATIONS
55	A Survey on Traffic Light Detection. Lecture Notes in Computer Science, 2015, , 201-208.	1.0	25
56	Early Diagnosis of Neurodegenerative Diseases by Handwritten Signature Analysis. Lecture Notes in Computer Science, 2015, , 290-297.	1.0	19
57	The use of hyperspectral analysis for ink identification in handwritten documents. , 2014, , .		13
58	Generation of Enhanced Synthetic Off-Line Signatures Based on Real On-Line Data. , 2014, , .		12
59	Cognitive Inspired Model to Generate Duplicated Static Signature Images. , 2014, , .		10
60	EMERGING ISSUES FOR STATIC HANDWRITTEN SIGNATURE BIOMETRICS. , 2014, , 111-122.		14
61	Synthetic off-line signature image generation. , 2013, , .		46
62	Analysis of local descriptors features and its robustness applied to ear recognition. , 2013, , .		8
63	Realistic synthetic off-line signature generation based on synthetic on-line data. , 2013, , .		14
64	Overtaking and giving way: Design and validation of a lightweight extended cellular automata urban traffic simulator. , 2012, , .		1
65	Suspended traffic lights detection and distance estimation using color features. , 2012, , .		59
66	Driver Pattern Study of Las Palmas de Gran Canaria. Lecture Notes in Computer Science, 2012, , 473-480.	1.0	0
67	Electric Scaled Vehicle as ITS Experimentation Platform. Lecture Notes in Computer Science, 2012, , 441-448.	1.0	0
68	Traffic Signals in Traffic Circles: Simulation and Optimization Based Efficiency Study. Lecture Notes in Computer Science, 2009, , 453-460.	1.0	1