

Hamidreza Rashidy Kanan

<https://publons.com/researcher/AAI-7928-2020/>

Web of Science ResearcherID: [AAI-7928-2020](#)

Current affiliation:

- Shahid Rajaei Teacher Training University (SRTTU) from 2014 until present

Publications

PUBLICATION METRICS

For manuscripts published from date range January 2000 - January 2022

TOTAL TIMES CITED

552

H-INDEX

12

PUBLICATIONS

68

WEB OF SCIENCE DOCUMENTS

40

For all time

TOTAL TIMES CITED

552

H-INDEX

12

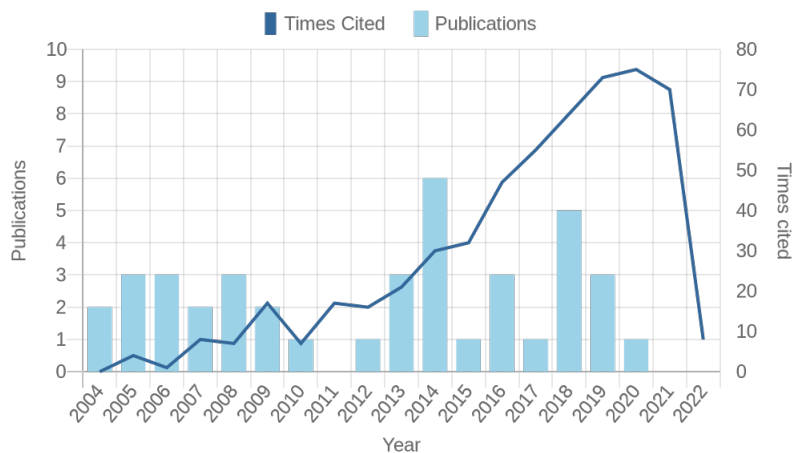
PUBLICATIONS

77

WEB OF SCIENCE DOCUMENTS

40

PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

For manuscripts published from date range January 2000 - January 2022

(4) Lecture Notes in Computer Science	(4) Proceedings - International Conference on Pat...
(4) Iranian Conference on Fuzzy Systems (IFSC)	(3) Journal of Computer & Robotics
(2) 13TH IRANIAN CONFERENCE ON FUZZY SYS...	(2) Applied Mathematics and Computation WOS
(2) IEEE International Symposium on Signal Proce...	(2) 4TH INTERNATIONAL CONFERENCE ON COM...
(2) مجله مهندسی برق دانشگاه تبریز	(2) International Conference on Information, Com...
(1) Expert Systems with Applications WOS	(1) Information and Software Technology WOS
(1) Image and Vision Computing WOS	(1) Pattern Recognition WOS
(1) IEEE Symposium on Computational Intelligenc...	(1) IEICE Transactions on Information and ... WOS
(1) IEEE Southwest Symposium on Image Analysi...	(1) Proceedings of the Annual Conference of IEEE ...
(1) Computer Methods and Programs in Bi... WOS	(1) Applied Artificial Intelligence WOS
(1) International Journal of Computational ... WOS	(1) International Conference on Agents and Artific...
(1) Intelligent Data Analysis WOS	(1) FIRST INTERNATIONAL CONFERENCE ON NE...
(1) International Journal of Machine Learni... WOS	(1) Computers & Electrical Engineering WOS
(1) Security and Communication Networks WOS	(1) International Symposium on Telecommunicati...
(1) Signal, Image and Video Processing WOS	(1) IEEE Congress on Evolutionary Computation
(1) Multimedia Tools and Applications WOS	(1) Journal of Visual Communication and I... WOS
(1) Speech Communication WOS	(1) Signal Processing WOS
(1) Iranian Joint Congress on Fuzzy and Intelligen...	(1) International Conference on Pattern Recogniti...
(1) International Conference on Pattern Recogniti...	(1) ICCKE
(1) International Conference on Image and Signal ...	(1) Computer Vision and Image Understan... WOS
(1) IEEE International Conference on Image Proce...	(1) International Journal of Modeling and Optimiz...

(1) International Journal of Information and Electr...	(1) International Symposium on Telecommunicati...
(1) IEEE GCC Conference (GCC)	(1) IEEE International Conference on Signal and I...
(1) Iranian Journal of Medical Physics	(1) PRIS
(1) MVA	

MANUSCRIPTS PUBLISHED (68)

From date range January 2000 - January 2022

TIMES CITED (ALL TIME)

Face recognition using patch manifold learning across plastic surgery from a single training exemplar per enrolled person Published: Jan 2020 in Signal, Image and Video Processing DOI: 10.1007/S11760-020-01642-2	1
Event detection in soccer videos using unsupervised learning of Spatio-temporal features based on pooled spatial pyramid model Published: Jun 2019 in Multimedia Tools and Applications DOI: 10.1007/S11042-018-7083-1	11
A discriminant binarization transform using genetic algorithm and error-correcting output code for face template protection Published: Mar 2019 in International Journal of Machine Learning and Cybernetics DOI: 10.1007/S13042-017-0723-3	6
FSCT: A new fuzzy search strategy in concolic testing Published: Mar 2019 in Information and Software Technology DOI: 10.1016/J.INFSOF.2018.11.006	2
Securing templates in a face recognition system using Error-Correcting Output Code and chaos theory Published: Nov 2018 in Computers & Electrical Engineering DOI: 10.1016/J.COMPELECENG.2018.01.029	14
Learning an event-oriented and discriminative dictionary based on an adaptive label-consistent K-SVD method for event detection in soccer videos Published: Aug 2018 in Journal of Visual Communication and Image Representation DOI: 10.1016/J.JVCIR.2018.06.014	1
Mushroom Reproduction Optimization (MRO): A Novel Nature-Inspired Evolutionary Algorithm Published: Jul 2018 in IEEE Congress on Evolutionary Computation DOI: 10.1109/CEC.2018.8477837	4
Improved embedded pre-whitening subspace approach for enhancing speech contaminated by colored noise Published: May 2018 in Speech Communication DOI: 10.1016/J.SPECOM.2018.03.001	3

Focus Group: An Optimization Algorithm Inspired by Human Behavior

5

Published: Mar 2018 in International Journal of Computational Intelligence and Applications

DOI: 10.1142/S1469026818500025

تشخیص هویت مبتنی بر بیومتریک اثر بند انگشت با استفاده از گشتاورهای متعامد
شبه زرنیک

Published: 2018 in مجله مهندسی برق دانشگاه تبریز

Identification Based on Finger Knuckle Print (FKP) using Orthogonal Pseudo
Zernike Moments

Published: 2018 in مجله مهندسی برق دانشگاه تبریز

HYPER SPHERICAL SEARCH OPTIMIZATION ALGORITHM BASED ON CHAOS
THEORY

Published: 2018

Modified Krill Herd Optimization Algorithm using Focus Group Idea

0

Published: Feb 2017 in International Conference on Agents and Artificial Intelligence (ICAART)

DOI: 10.5220/0006187904650472

A face template protection approach using chaos and GRP permutation

2

Published: Dec 2016 in Security and Communication Networks

DOI: 10.1002/SEC.1667

Fuzzy Krill Herd (FKH): An improved optimization algorithm

4

Published: Jan 2016 in Intelligent Data Analysis

DOI: 10.3233/IDA-150798

Rotation invariant multi-frame image super resolution reconstruction using
Pseudo Zernike Moments

7

Published: Jan 2016 in Signal Processing

DOI: 10.1016/J.SIGPRO.2015.05.015

Disguised face recognition by using local phase quantization and singular
value decomposition

Published: 2016 in Journal of Computer & Robotics

Breast cancer detection and classification in digital mammography based on
Non-Subsampled Contourlet Transform (NSCT) and Super Resolution

39

Published: Nov 2015 in Computer Methods and Programs in Biomedicine

DOI: 10.1016/J.CMPB.2015.06.009

Improvement of breast cancer detection using non-subsampled contourlet
transform and super-resolution technique in mammographic images

Published: 2015 in Iranian Journal of Medical Physics

Which super-resolution algorithm is proper for Farsi text image sequences

Published: 2015 in International Conference on Pattern Recognition and Image Analysis (IPRIA)

A Novel Approach to Background Subtraction Using Visual Saliency Map

Published: 2015 in Journal of Computer & Robotics

A comparative review on nondeterministic sets for association rule mining

Published: 2015 in Iranian Joint Congress on Fuzzy and Intelligent Systems (CFIS)

Modified Krill Herd Optimization Algorithm using Chaotic Parameters

Published: Oct 2014 in 4TH INTERNATIONAL CONFERENCE ON COMPUTER AND KNOWLEDGE ENGINEERING (ICCKE)

DOI: 10.1109/ICCKE.2014.6993468

4

Saliency based Alphabet and numbers of American sign language recognition using Linear Feature Extraction

Published: Oct 2014 in 4TH INTERNATIONAL CONFERENCE ON COMPUTER AND KNOWLEDGE ENGINEERING (ICCKE)

DOI: 10.1109/ICCKE.2014.6993442

10

A novel image steganography scheme with high embedding capacity and tunable visual image quality based on a genetic algorithm

Published: Oct 2014 in Expert Systems with Applications

DOI: 10.1016/J.ESWA.2014.04.022

86

Cancelable Face Using Chaos Permutation

Published: Sep 2014 in International Symposium on Telecommunications (IST)

DOI: 10.1109/ISTEL.2014.7000835

6

Fuzzy Krill Herd Optimization Algorithm

Published: Aug 2014 in FIRST INTERNATIONAL CONFERENCE ON NETWORKS & SOFT COMPUTING (ICNSC)

DOI: 10.1109/CNSC.2014.6906639

12

FUZZY FA: A MODIFIED FIREFLY ALGORITHM

Published: Jan 2014 in Applied Artificial Intelligence

DOI: 10.1080/08839514.2014.862773

22

Improvement of Benign and Malignant Probability Detection Based on Non-subsample Contourlet Transform and Super-resolution

Published: 2014 in International Conference on Pattern Recognition (ICPR)

Jumper firefly algorithm

Published: Oct 2013 in ICCKE

DOI: 10.1109/ICCKE.2013.6682839

ANFIS-Based Wrapper Model Gene Selection for Cancer Classification on Microarray Gene Expression Data

Published: Aug 2013 in 13TH IRANIAN CONFERENCE ON FUZZY SYSTEMS (IFSC)

DOI: 10.1109/IFSC.2013.6675687

1

Modified Firefly Algorithm Using Fuzzy Tuned Parameters

Published: Aug 2013 in 13TH IRANIAN CONFERENCE ON FUZZY SYSTEMS (IFSC)

DOI: 10.1109/IFSC.2013.6675634

4

AVCD-FRA: A novel solution to automatic video cut detection using fuzzy-rule-based approach

Published: Jul 2013 in Computer Vision and Image Understanding
DOI: 10.1016/J.CVIU.2013.03.002

Gender classification using GA-based adjusted order PZM and fuzzy similarity measure

Published: 2013 in Iranian Conference on Fuzzy Systems (IFSC)

A new method for design and implementation of intelligent traffic control system based on fuzzy logic using FPGA

Published: 2013 in Iranian Conference on Fuzzy Systems (IFSC)

Local weighted Pseudo Zernike moments and fuzzy classification for facial expression recognition

Published: 2013 in Iranian Conference on Fuzzy Systems (IFSC)

A new fuzzy based dynamic data replication algorithm in data grids

Published: 2013 in Iranian Conference on Fuzzy Systems (IFSC)

Recognition of facial expressions using locally weighted and adjusted order Pseudo Zernike Moments

Published: 2012 in Proceedings - International Conference on Pattern Recognition

A phase congruency based document binarization

Published: 2012 in International Conference on Image and Signal Processing

Pseudo Zernike Moment-based Multi-frame Super Resolution

Published: 2012 in Journal of Computer & Robotics

Visual Object Tracking Using Fuzzy-based Thresholding and Kalman Filter

Published: 2012 in International Journal of Modeling and Optimization

Rectangular Based Binary Image Representation: Theory, Applications, and Dataset Introduction

Published: 2012 in Proceedings - International Conference on Pattern Recognition

Reduction of neural network training time using an adaptive fuzzy approach in real time applications

Published: 2012 in International Journal of Information and Electronics Engineering

A new preselection method for face recognition in JPEG domain based on face segmentation

Published: Nov 2011 in IEEE International Conference on Signal and Image Processing Applications (ICSIPA)
DOI: 10.1109/ICSIPA.2011.6144074

A low complexity JPEG domain face recognition approach using low frequency coefficients

Published: 2011 in International Conference on Information, Communications & Signal Processing

Recognizing faces using Adaptively Weighted Sub-Gabor Array from a single sample image per enrolled subject	23
Published: Mar 2010 in Image and Vision Computing DOI: 10.1016/J.IMAVIS.2009.06.013	
A low complexity and efficient face recognition approach in JPEG compressed domain using quantized coefficients	
Published: 2010 in International Symposium on Telecommunications	
RECOGNITION OF EXPRESSION VARIANT FACES FROM ONE SAMPLE IMAGE PER ENROLLED SUBJECT	3
Published: Nov 2009 in IEEE International Conference on Image Processing DOI: 10.1109/ICIP.2009.5413903	
Face recognition using Entropy Weighted Patch PCA Array under variation of lighting conditions from a single sample image per person	
Published: 2009 in International Conference on Information, Communications & Signal Processing	
Recognizing Partially Occluded Faces from a Single Exemplar Image Per Person	1
Published: 2009 in Lecture Notes in Computer Science DOI: 10.1007/978-3-642-02617-1_11	
Face recognition using adaptively weighted patch PZM array from a single exemplar image per person	47
Published: Dec 2008 in Pattern Recognition DOI: 10.1016/J.PATCOG.2008.05.024	
An improved feature selection method based on ant colony optimization (ACO) evaluated on face recognition system	92
Published: Nov 2008 in Applied Mathematics and Computation DOI: 10.1016/J.AMC.2008.05.115	
GA-based optimal selection of PZMI features for face recognition	30
Published: Nov 2008 in Applied Mathematics and Computation DOI: 10.1016/J.AMC.2008.05.114	
Face recognition system using ant colony optimization-based selected features	28
Published: Apr 2007 in IEEE Symposium on Computational Intelligence in Security and Defense Applications DOI: 10.1109/CISDA.2007.368135	
Aspects of Classification and Prediction-Feature Selection Using Ant Colony Optimization (ACO): A New Method and Comparative Study in the Application of Face Recognition System	
Published: 2007 in Lecture Notes in Computer Science	

Feature Selection using Ant Colony Optimization (ACO): A new method and comparative study in the application of face recognition system	31
Published: 2007 in Lecture Notes in Computer Science DOI: 10.1007/978-3-540-73435-2_6	
GA-based affine PPM using matrix polar decomposition	1
Published: Jul 2006 in IEICE Transactions on Information and Systems DOI: 10.1093/IETISY/E89-D.7.2053	
Application of cascade correlation neural network in modelling of overcurrent relay characteristics	
Published: 2006 in IEEE GCC Conference (GCC)	
Face Recognition: An Optimized Localization Approach and Selected PZMI Feature Vector Using SVM Classifier	4
Published: 2006 in Lecture Notes in Computer Science DOI: 10.1007/11816157_83	
An efficient face recognition system using a new optimized localization method	1
Published: 2006 in Proceedings - International Conference on Pattern Recognition DOI: 10.1109/ICPR.2006.238	
PZMI and wavelet transform features in face recognition system using a new localization method	2
Published: Nov 2005 in Proceedings of the Annual Conference of IEEE Industrial Electronics Society, IECON DOI: 10.1109/IECON.2005.1569332	
Performance Evaluation of Fractal Feature in Recognition of Postal Codes Using an RBF Neural Network and SVM Classifier	
Published: 2005 in MVA	
ZMI and wavelet transform features and SVM classifier in the optimized face recognition system	2
Published: 2005 in IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), Vols 1 and 2 DOI: 10.1109/ISSPIT.2005.1577112	
A new entropy-based algorithm for face localization	0
Published: 2005 in IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), Vols 1 and 2 DOI: 10.1109/ISSPIT.2005.1577114	
Feature comparison between fractal codes and wavelet transform in handwritten alphanumeric recognition using SVM classifier	11
Published: Aug 2004 in Proceedings - International Conference on Pattern Recognition DOI: 10.1109/ICPR.2004.1334199	
Wave height forecasting using cascade correlation neural network	
Published: 2004	

Application of Fractal Codes in Recognition of Isolated Handwritten Farsi/Arabic Characters and Numerals

Published: 2004 in PRIS

Recognition of isolated handwritten Farsi/Arabic alphanumeric using fractal codes

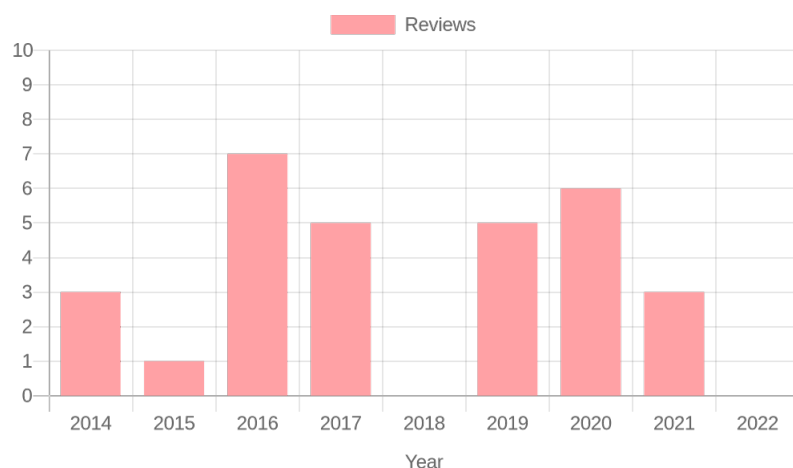
Published: 2004 in IEEE Southwest Symposium on Image Analysis and Interpretation

DOI: 10.1109/IAI.2004.1300954

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Verified reviews

REVIEW SUMMARY



REVIEWER SUMMARY

For manuscripts reviewed from date range January 2000 - January 2022

(5) Expert Systems with Applications	WOS	(4) Swarm and Evolutionary Computation	WOS
(3) Digital Signal Processing	WOS	(3) Journal of AI and Data Mining	
(3) Iranian Journal of Medical Physics		(2) Iranian Journal of Fuzzy Systems	WOS
(2) Engineering Optimization	WOS	(2) Health and Technology	WOS
(1) Journal of Electrical and Computer Engineerin...		(1) International Journal of Pattern Recogn...	WOS
(1) IEEE Transactions on Systems, Man, an...	WOS	(1) Computers & Electrical Engineering	WOS
(1) Applied Soft Computing	WOS	(1) AEÜ - International Journal of Electroni...	WOS

30 REVIEWS OF 26 MANUSCRIPTS

From date range January 2000 - January 2022

-
2 rounds from Feb 2021 to Jun 2021 for Expert Systems with Applications

-
Reviewed: Mar 2021 for Journal of Electrical and Computer Engineering Innovations

-
2 rounds from Oct 2020 to Dec 2020 for Digital Signal Processing

-
Reviewed: Jul 2020 for Expert Systems with Applications

-
Reviewed: Mar 2020 for Swarm and Evolutionary Computation

-
Reviewed: Mar 2020 for Swarm and Evolutionary Computation

-
Reviewed: Mar 2020 for Journal of AI and Data Mining

-
Reviewed: Jun 2019 for Computers & Electrical Engineering

-
Reviewed: Jun 2019 for Swarm and Evolutionary Computation

-
Reviewed: May 2019 for Swarm and Evolutionary Computation

-
Reviewed: Jan 2019 for IEEE Transactions on Systems, Man, and Cybernetics: Systems

-
Reviewed: Jan 2019 for Applied Soft Computing

-
2 rounds from Apr 2017 to Sep 2017 for Health and Technology

-
Reviewed: Sep 2017 for Journal of AI and Data Mining

-
Reviewed: Jan 2017 for International Journal of Pattern Recognition and Artificial Intelligence

-
Reviewed: Jan 2017 for Journal of AI and Data Mining

-
Reviewed: Dec 2016 for Iranian Journal of Medical Physics

-
Reviewed: Nov 2016 for AEÜ - International Journal of Electronics and Communications

-
Reviewed: Nov 2016 for Iranian Journal of Medical Physics

-
Reviewed: Oct 2016 for Iranian Journal of Fuzzy Systems

-
Reviewed: Jul 2016 for Expert Systems with Applications

-
Reviewed: Jul 2016 for Digital Signal Processing

-
Reviewed: Feb 2016 for Iranian Journal of Medical Physics

-
Reviewed: Dec 2015 for Iranian Journal of Fuzzy Systems

-
2 rounds from Sep 2014 to Oct 2014 for Engineering Optimization

-
Reviewed: Jun 2014 for Expert Systems with Applications
