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## PUBLICATION DETAILS

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### Works (19 of 19)

#### **Segmentation of Images Using Watershed and MSER: A State-of-the-Art Review**

*Studies in Systems, Decision and Control*

2021 | book-chapter

DOI: 10.1007/978-3-030-47411-9\_25

EID: 2-s2.0-85087562233

Part of ISBN: 21984190 21984182

Source: Mathu R via Scopus - Elsevier

#### **An analysis on feature selection methods, clustering and classification used in heart disease prediction - A machine learning approach**

*Journal of Critical Reviews*

2020 | journal-article

DOI: 10.31838/jcr.07.06.27

EID: 2-s2.0-85085074150

Part of ISBN: 23945125

Source: Mathu R via Scopus - Elsevier

#### **Automatic segmentation, size determination and classification of IVD**

*Journal of Advanced Research in Dynamical and Control  
Systems*

2019 | journal-article

EID: 2-s2.0-85074145824

Part of ISBN: 1943023X

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**Direction oriented block based inpainting using morphological operations**

*International Journal of Innovative Technology and Exploring Engineering*

2019 | journal-article

DOI: 10.35940/ijitee.L2565.1081219

EID: 2-s2.0-85073778854

Part of ISBN: 22783075

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**Extremely low light video enhancement along with no-reference video quality measurements**

*International Journal of Advanced Trends in Computer Science and Engineering*

2019 | journal-article

DOI: 10.30534/ijatcse/2019/42852019

EID: 2-s2.0-85076526422

Part of ISBN: 22783091

Source: Mathu R via Scopus - Elsevier

**Fast iterative boundary based inpainting using morphological erosion and SSD**

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2019 | journal-article

EID: 2-s2.0-85074158768

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**Fault identification for steam boiler tube leakage in thermal power stations using data outlier**

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EID: 2-s2.0-85074175055

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**Naturalness preserved extremely low light video frame enhancement by correcting illumination and reducing fixed pattern noise**

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2019 | journal-article

EID: 2-s2.0-85074168306

Part of ISBN: 1943023X

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**Prewitt texture filter synthesis for efficient image occlusion removal to visualize hidden objects**

*Journal of Advanced Research in Dynamical and Control Systems*

2019 | journal-article

EID: 2-s2.0-85074137789

Part of ISBN: 1943023X

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**Robust multi-view videos face recognition based on particle filter with immune genetic algorithm**

*IET Image Processing*

2019 | journal-article

DOI: 10.1049/iet-ipr.2018.5268

EID: 2-s2.0-85064837409

Part of ISBN: 17519659

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**State of the art analysis of low light video noise and various environmental conditions for enhancement**

*International Journal of Engineering and Advanced Technology*

2019 | journal-article

DOI: 10.35940/ijeat.F9123.088619

EID: 2-s2.0-85072018864

Part of ISBN: 22498958

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**A novel algorithm for shadow detection and reconstruction in high-resolution satellite images**

*IJOAB Journal*

2016 | journal-article

EID: 2-s2.0-84994766916

Part of ISBN: 09763104

Source:Mathu R viaScopus - Elsevier

**Efficient identification of desiccated lumbar IVD from MRI**

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2016 | journal-article

EID: 2-s2.0-84994762994

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**Face recognition using symmetric local graph structure**

*Indian Journal of Science and Technology*

2015 | journal-article

DOI: 10.17485/ijst/2015/v8i24/80876

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Part of ISBN: 09745645 09746846

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**An improved sparse code representation using local matching for deterministic face authentication**

*2014 International Conference on Control, Instrumentation, Communication and Computational Technologies, ICCICCT 2014*

2014 | conference-paper

DOI: 10.1109/ICCICCT.2014.6993177

EID: 2-s2.0-84921642337

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**Optimal feature extraction using greedy approach for random image components and subspace approach in face recognition**

*Journal of Computer Science and Technology*

2013 | journal-article

DOI: 10.1007/s11390-013-1333-5

EID: 2-s2.0-84879624374

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**ORICS based kernel discriminant analysis**

*International Journal of Soft Computing*

2013 | journal-article

DOI: 10.3923/ijscmp.2013.223.230

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**Facial recognition by optimal random image component selection**

*2012 International Conference on Computing, Electronics and Electrical Technologies, ICCEET 2012*

2012 | conference-paper

DOI: 10.1109/ICCEET.2012.6203914

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**An improved face recognition technique based on modular LPCA approach**

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2011 | journal-article

DOI: 10.3844/jcssp.2011.1900.1907

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