

# Hossam Magdy Balaha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2723481/publications.pdf>

Version: 2024-02-01

13  
papers

353  
citations

759233

12  
h-index

1125743

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g-index

13  
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13  
docs citations

13  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	A complete framework for accurate recognition and prognosis of COVID-19 patients based on deep transfer learning and feature classification approach. <i>Artificial Intelligence Review</i> , 2022, 55, 5063-5108.	15.7	16
2	Hybrid deep learning and genetic algorithms approach (HMB-DLGAHA) for the early ultrasound diagnoses of breast cancer. <i>Neural Computing and Applications</i> , 2022, 34, 8671-8695.	5.6	32
3	An automated diagnosis and classification of COVID-19 from chest CT images using a transfer learning-based convolutional neural network. <i>Computers in Biology and Medicine</i> , 2022, 144, 105383.	7.0	42
4	A multi-variate heart disease optimization and recognition framework. <i>Neural Computing and Applications</i> , 2022, 34, 15907-15944.	5.6	14
5	A3C-TL-GTO: Alzheimer Automatic Accurate Classification Using Transfer Learning and Artificial Gorilla Troops Optimizer. <i>Sensors</i> , 2022, 22, 4250.	3.8	11
6	Automatic recognition of handwritten Arabic characters: a comprehensive review. <i>Neural Computing and Applications</i> , 2021, 33, 3011-3034.	5.6	32
7	A new Arabic handwritten character recognition deep learning system (AHCR-DLS). <i>Neural Computing and Applications</i> , 2021, 33, 6325-6367.	5.6	46
8	Human Action Recognition Based on Transfer Learning Approach. <i>IEEE Access</i> , 2021, 9, 82058-82069.	4.2	25
9	Automatic Exam Correction Framework (AECF) for the MCQs, Essays, and Equations Matching. <i>IEEE Access</i> , 2021, 9, 32368-32389.	4.2	23
10	An optimized transfer learning-based approach for automatic diagnosis of COVID-19 from chest x-ray images. <i>PeerJ Computer Science</i> , 2021, 7, e555.	4.5	24
11	Recognizing arabic handwritten characters using deep learning and genetic algorithms. <i>Multimedia Tools and Applications</i> , 2021, 80, 32473-32509.	3.9	27
12	Hybrid COVID-19 segmentation and recognition framework (HMB-HCF) using deep learning and genetic algorithms. <i>Artificial Intelligence in Medicine</i> , 2021, 119, 102156.	6.5	20
13	CovH2SD: A COVID-19 detection approach based on Harris Hawks Optimization and stacked deep learning. <i>Expert Systems With Applications</i> , 2021, 186, 115805.	7.6	41