Hossam Magdy Balaha

List of Publications by Year
in descending order

13 papers	**353** citations	759233 **12** h-index	1125743 **13** g-index
13 all docs	**13** docs citations	**13** times ranked	**88** citing authors

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