

Curriculum Vitae

Musab Elkheir Salih

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PERSONAL INFORMATION:

Date of Birth: July. 8. 1978

Place of birth: Khartoum

Gender: Male

Marital Status: Married

Nationality: Sudanese

EDUCATION:

Huazhong University of Science and Technology, School of life Science and Technology, Wuhan, China, PhD. in Biomedical Engineering.	2008-2014
Cairo University, Faculty of Engineering, Cairo, Egypt MS.c. in systems and Biomedical Engineering (Very Good).	2004-2007
Sudan University of Science and Technology, College of Engineering, Khartoum, Sudan, B.Sc. in Biomedical Engineering (First Class Honors).	1996-2001

EXPERIENCE:

Sudan University of Science and Technology, College of Engineering, Khartoum, Sudan Assistant Professor	2014-to Present
Sudan University of Science and Technology, College of Engineering, Khartoum, Sudan, Lecturer	2007-2008
Sudan University of Science and Technology, College of Engineering, Khartoum, Sudan, Teaching Assistant	2003-2004
Shaap Teaching Hospital, Biomedical instruments workshop, Khartoum, Sudan Biomedical Engineer	2002-2003

TRAINING:

Sudan University of Science and Technology, Khartoum, Sudan. E-learning teacher training course (distance education)	2021
Sudan University of Science and Technology, Khartoum, Sudan. Basic training course for the development of performance for professional university professor	2015
Central Scientific Instruments Organization. New Delhi, India. Management Development Programme on "Operation, Maintenance & Repair of Bio-Medical Equipment"	2007

TEACHING EXPERIENCE

JOURNAL AND CONFERENCE REVIEWS

CONFERENCES & PUBLICATIONS:

Salih, Musab Elkheir, Xuming Zhang, and Mingyue Ding. "Kernel PCA Based Non-Local Means Method for Speckle Reduction in Medical Ultrasound Images." *Open Access Library Journal* 9.4 (2022): 1-41.

MM Mohamedali, ME Salih, AAM Ahmed. "Design of A Simple and Low Cost Electrical Impedance Tomography System." 2019 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE). IEEE, 2019.

MM Salih, ME Salih, MAA Ahmed. "Enhancement of U-Net Performance in MRI Brain Tumour Segmentation using HardELiSH Activation Function." 2019 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE). IEEE, 2019.

HME Ahmed, MES Hamad. "Ultrasound strain elastographic based automatic quantitative analysis for evaluation of solid breast lesion." 2019 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE). IEEE, 2019.

H Algailani, MES Hamad. "Detection of Sick Cell Disease Based on an Improved Watershed Segmentation." 2018 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE). IEEE, 2018.

Salih, Musab Elkheir, Xu Ming Zhang, and Ming Yue Ding. "An improvement of non-local means denoising method in the presence of large noise." *Applied Mechanics and Materials*. Vol. 263. Trans Tech Publications, 2013.

Salih, M. E., Zhang, X., & Ding, M. (2013). Two modifications of weight calculation of the non-local means denoising method. *Engineering*, 5(10), 522.

Salih, M. E., Zhang, X., & Ding, M. (2011, December). An appropriate weighting function for the nonlocal means denosing method. In *Intelligent Computation and Bio-Medical Instrumentation (ICBBI)*, 2011 International Conference on (pp. 109-112). IEEE

Musab E.S Hamad, Mohamed I. Owis, Abdalla S.A. Mohamed. Heart Disease and Diabetes. Cairo international Biomedical Engineering Conference, Cairo, Egypt, Dec 2006.

REFERENCES:

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