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**King Fahd University of Petroleum and Minerals, Dhahran Saudi Arabia**  
**Research Assistant (2007-2009)      Lecturer (2009-2010)**

**2007-2010**

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**National Telecommunication Corporation, Khartoum Sudan**  
**Wireless Spectrum Monitoring Engineer**

**2004-2007**

**International University of Africa, Khartoum Sudan**  
**Teaching Assistant**

**2004-2007**

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**Samples of performed Research Work**

**Education**

**PhD (2013), Electrical Engineering (                      )**

**MSc (2009), Systems Engineering (Control and Instrumentation) (                      )**

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**Publications**  
**(Conferences)**

1. **A. Elrayyah**
2. **A. Elrayyah**
3. **A. Elrayyah**

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18. **A. Elrayyah**

19. **A. Elrayyah**

20. **A. Elrayyah**

21. **A. Elrayyah**

37. **A. Elrayyah**
38. **A. Elrayyah**
39. **A. Elrayyah**
40. **A. Elrayyah**
41. M. Elamin, Y. Yasa, **A. Elrayyah** -connected SRM driven Conference (IEMDC), Miami, FL, pp. 1-7, 2017.
42. F. Cingoz, **A. Elrayyah**, Y. Sozer and J. A. DeAbreu- -57, 2017.
43. F. Mumtaz, I. S. Bayram, and **A. Elrayyah** Communication, Control and Security Challenges for the Smart Grid. IEEE, pp. 247-283, 2017.
44. A. Saha, **A. Elrayyah**, M. Sital-Dahone and Y. -tolerant operation of multilevel diode-clamped converters for a device open- Tampa, FL, pp. 1873-1879, 2017.
45. O. Kilic, **A. Elrayyah** inimization in SRMs at medium and high speeds using a multi- (APEC), 2018.
46. S. M. Chowdhury, M. E. Haque, **A. Elrayyah**, Y. Sozer and J. A. De Abreu-Garcia, An integrated control strategy for state of charge balancing with output voltage control of a series connected battery management system, 2018 IEEE Energy Conversion Congress and Exposition (ECCE), Portland, OR, 2 pp. 6668-6673, 2018.
47. H. Abdelgaber, A. R. Boynuegri, **A. Elrayyah** stability analysis of nonlinear droop- Exposition (APEC), San Antonio, TX, pp. 3333-3339, 2018.
48. H. Abdelgaber, **A. Elrayyah** A center of mass determination for the optimum placement and deployment of the renewable energy sources for micogrids (ECCE), Portland, OR, pp. 5873-5878, 2018.
49. A. Ali, J. Lange, **A. Elrayyah**, Y. Sozer, J. A. De Abreu- (APEC), San Antonio, TX, pp. 3377-3384, 2018.
50. A. A. Jabbar, **A. Elrayyah** Development of hybrid ac/dc laboratory-scale smart microgrid testbed with control & monitoring system implementation in LABView PES GTD Grand International Conference and Exposition Asia (GTD Asia), Bangkok, Thailand, pp. 889-894, 2019.
51. **A. Elrayyah** Control algorithms to establish hybrid ac/dc distribution systems using conventional three phase inverters D, USA, pp. 6246-6253, 2019.
52. **A. Elrayyah** Multi- 0,3100440051004710 0 1 292.343JTJ613 €2003600110003>4100250044005C004B>



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11. **A. Elrayyah**

