Curriculum Vitae for (Muataz A. Majeed))

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***First Name: Muataz***

***Last Name: Majeed***

***Formal Name : Muataz A. Majeed***

***Date of Birth: 1-7-1970 Place of Birth: Salah-Aldeen Iraq Nationality : Iraqi***

***Marital Status: Married***

***Native Language : Arabic English Proficiency: Very Good***

***Present occupation: Assistant Professor of Atomic Physics***

***Main Affiliation : SalahAldeen Education Directorate -  Ministry of Education .***

***Second Affiliation : Researcher , Dept. of Physics , U.O. Tikrit***

***Mobile: 009647707953059 , 009647811140429***

***Email:******mootazaial@yahoo.com******,******Muataz.amj2020@gmail.com***

***Teaching experiences: 20 years***

***Scientific qualifications***

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| ***Degree*** | ***Year*** | ***University*** |  ***Country*** |
| ***B .Sc .physics*** | ***1994*** | ***Baghdad*** | ***Iraq*** |
| ***M .Sc. physics*** |  ***2006*** | ***Tikrit*** | ***Iraq*** |
| ***Thesis*** | ***Measurement and calculation of the linear and mass attenuation coefficients of X-ray for the elements copper, Zinc and Zn-Cu alloy*** |
| ***Ph .D. physics*** | ***2013*** | ***Tikrit*** | ***Iraq*** |
| ***Thesis*** | ***Oxidation of Some Transition Metals, Their Alloys and Relation with Attenuation Coefficients***  |

***2- Paper publication***

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| --- | --- | --- | --- | --- |
| ***1*** | Self mass attenuation coefficients for mixture of some 3d elements Ni100-x Alx and Zn100-x –Alx at Am-241 (40mCi)Farid M. Mohammed , Raed N. Razooqi , ***Muataz A. Majeed*** , Y K. Vijay , Schin Surve | Vol. III, September 2012 | International Journal of Recent Research and Review | India  |
| ***2*** | X- Ray mass attenuation coefficients for mixture of some 3d elements Fe100-x Alx and Cu100-x –AlxFarid M. Mohammed, Raed N. Razooqi, ***Muataz A. Majeed***, Y. K. Vijay, Subodh Sirvastava | Vol 7 (4) p 810-815 , 2013 | Australian Journal of Basic and Applied Sciences | Australia  |
| ***3*** | X-Ray Mass Attenuation Coefficients of Some 3D Elements Compounds at Am-241(40mCi)Farid M. Mohammed, Raed N. Razooqi, ***Muataz A. Majeed***, Y. K. Vijay, Subodh Sirvastava | Vol 7, No 1 (2013) | International Review of Physics (IREPHY) | Italy  |
| ***4*** | The effect of heat treatment on the physical and mechanical properties of the (Alnico-5) alloy prepared by powder metallurgy methodI. K. Jassim , Kh. H. Erzaich , O. F. Abdullah and ***Muataz A. Majeed*** | Vol 6(8):36-41, 2015 | Advances in Applied Science Research | ***India***  |
| ***5*** | Electronic configuration of Iron (Fe)Fareed M. Mohammed , Abdul Hadi M. Ghaleb , ***Muataz A. Majeed*** , Mohammad N. Mohammed Nawras S. Mohammed | Vol 6(8):118-124, 2015 | Advances in Applied Science Research | ***India***  |
| ***6*** | Electron Momentum Density in Nickel (Ni)Fareed M. Mohammed , Abdul Hadi M. Ghaleb , ***Muataz A. Majeed*** , Mohammad N. Mohammed Nawras S. Mohammed | Vol.46, 2015 | Advances in Physics Theories and Applications | ***U.S.A*** |
| ***7*** | The Effect of Heat Treatment on The Structural Properties of The (Alnico-5) Alloy Prepared by powder Metallurgy MethodI. K. Jassim , Kh. H. Erzaich , ***Muataz A. Majeed*** and O. F. Abdullah  | Vol. 134 No 3 September, 2015, pp.378-389 | European Journal of Scientific Research | ***UK*** |

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| Membership organizations and scientific journals and the preparatory committees of conferences |
| The nature of the Membership | Organization Name |
| **Member**  |  **Iraqi Association of Physics and Mathematics**  |
| **Member** | **International Association of Engineers (IAENG)**  |
| **Member** | **Iraqi Syndicate of Teachers**  |
| **Member** | **American Nano Society**  |
| **Member** | **Iraqi Association of Nanotechnology**  |
| **Member** | **American Association of Researchers**  |
| **Member** | **International Society for Development and Sustainability (ISDS)** |
| **Member** | **international journal of physics and research (ijpr)** |
| **Member** | **International Journal of Recent  Research and Review ((IJRRR))** |
| **Member** | **publisher international Journal Gopolax** |
| **Member** | **American journal Of Advanced of Scientific Research(AJASR)** |
| **Member** | **American journal of Advanced of Physics Research  (AJAPR)** |
| **Member** | **JOURNAL OF PURE APPLIED AND INDUSTRIAL PHYSICS** |
| **Member** | **International journal of Physical science**  |
| **Member** | **ARPN Journal of Science and Technology** |
| **Member** | **International Journal of Applied Research in Engineering and Science (IJARES)** |
| **Member** | **IJMSE** |
| **Reviewer**  | **Physics Scripta**  |
| **Member** | **Journal of Applied Science**  |
| **Member** | **International Conference on Nuclear and Quantum Engineering** |
| **Member** | **International Conference on X-Ray and Neutron Optics** |
| **Member** | **International Conference on Quantum, Atomic, Molecular and Plasma Physics** |
| **Member** | **International Conference on Plasma and Fusion Sciences** |
| **Member** | **International Conference on Nonlinear Quantum Dynamics** |
| **Member** | **International Conference on Mathematical and Theoretical Physics** |
| **Member** | **International Conference on Laser Physics and Quantum Optics** |
| **Member** | **International Conference on Applied Physics and Materials Science** |
| **Member** | **International Conference on Atomic Physics, Systems and Applications** |
| **Member** | **International Association of Scientific Innovation and Research** |
| **Member** | **American Journal of Applied Sciences, Engineering and Technology** |
| **Member** | **Advances in Applied Science Research** |
| **Member** | **VETRI VINAYAHA COLLEGE of Engineering and Technology** |
| **Member** | **International Conference on Components, Packaging and Manufacturing Technology** |
| **Member** | **VKS COLLEGE OF ENGINEERING AND TECHNOLOGY** |
| **Member** | **American Journal of Modern Physics** |
| **Member** | **International Journal of Advanced Research (IJAR)** |
| **Member** | **International Journal of Applied Physics: Lasers, Optics and Photonics** |
| **Member**  | **American Association for Science and Technology (AASCIT)** |
| **Member**  | **Neutron Scattering Society of America** |

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| **Technical Skills** |
| 1 | Focused ion beam (FIB) |
| 2 | Scanning electron microscopy (SEM) |
| 3 | Focused Electron/Ion beam Induced deposition (FEBID/FIBID) |
| 4 | Gamma and x-ray attenuation |
| 5 | Silicon Drift Detector (SDD) |
| 6 | X-ray Fluorescents (XRF) |
| 7 | Thin film growth techniques: Magnetron sputtering, plasma enhanced chemical vapour deposition, electron-beam evaporation |
| 8 | Atomic Force Microscopy (AFM) |
| 9 | Energy dispersive X-Ray spectroscopy (EDX)  |
| 10 | X-ray photoelectron spectroscopy (XPS) |
| 11 | X-Ray and Neutron Diffraction |
| 12 | Micromagnetic simulations |