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- **Research Contributions**

- 1- Abdulhamed M. Hwas and Ali M. Hatab, “**Enhancement of Lift and Drag Coefficients of Wind Turbine Using Q-Blade and Grey-Taguchi**”, Journal of Multidisciplinary Engineering Science and Technology (JMEST), vol. 10 (4) , (2023), p. 15848.
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- 4- Rania Ramadan, Ali M. Hatab, Elhadi I. Dekam “**Study The Effects Of Heat Input On Microstructure And Impact Toughness Of Welded Aluminum Cast Alloys Using TIG Welding Process**”, Department of Mechanical and Industrial Engineering University of Tripoli, Tripoli, Libya, Fall 2019-2020
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- 11- Ali M. Hatab, Ahmad Falahati, Anette Danninger, "**Contribution of Individual Hardening Process Parameters on Mechanical Properties of 6061 Aluminum Alloy - Taguchi Approach**" 23rd International Conference on Metallurgy and Materials, Brno, Czech Republic, EU, May (2014), DVD/reports/2616.pdf, Tanger Ltd., Ostrava.
- 12- Ali M. Hatab, AbdulBaset A. Ferfer, Iman M. Nima, "**Trituration Time Effects: XRD and Microhardness Studies of Ag-Cu-Sn-Hg Metallic Dental Alloy**" IOC 45th International October Conference on Mining and Metallurgy, ed. Nada Strbac, Dragana Zivkovic, Svetlana Nestorovic, Bor, Serbia, October (2013), p.778.
- 13- Ali Hatab, Hassan Zaid, Abdulwahab Ibrahim, "**Individual Effects of RRA Design Process Parameters on Properties of 7079 Aluminum Alloy – Grey Based Taguchi**" IOC 45th International October Conference on Mining and Metallurgy, ed. Nada Strbac, Dragana Zivkovic, Svetlana Nestorovic, Bor, Serbia, October (2013), p.741.
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- 22- Ali M. Hatab, Zayed M. Shgaf and Muftah E.M. Zorgani, , "**Precipitation Kinetics of The Cu-Ni-Fe (C70600-Type) Alloy**", The Fifth Arab Congress on Materials Science (ACMS-V), Gabes, Tunisia, Oct., (2007), p. 200.
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