

Publications based on research projects funded by Philadelphia University

Dr. Munzer Ebaid

	Research Title	Researcher Names	Journal/Conference name	ISSN #	Indexing Data base
1	Numerical investigation of fully developed laminar flow in irregular annular ducts: Triangular–circular combinations	<u>Munzer S.Y. Ebaid</u> , Haddad O. M., and Batareseh L.	Energy Conversion and Management http://www.journals.elsevier.com/energy-conversion-and-management	0196-8904	Thomson ISI, Elsevier IP (5.589)
2	Eccentricity effect on heat transfer in an annular square filled with saturated porous medium	<u>Munzer SY Ebaid</u> and Laith R. Batareseh	Journal of Porous Media www.begellhouse.com/journals/porous-media.html	1091-028X	Thomson ISI IP (1.035)
Paper Nos (1+2) were published as attached based on the project entitled " <u>Numerical analysis study of a fully developed flow and heat transfer in an irregular annuli</u> " funded by PU year 2012 . Amount (1995) JD					
3	Design, build, and test a formula student racing car: An educational engineering exercise at Philadelphia University	<u>Munzer S.Y Ebaid</u> , Shatha Amoral, and Kutiaba J.M Al-khishali,	International Journal of Mechanical Engineering Education http://ijj.sagepub.com	0306-4190	Scopus, ERA (C)
Paper No. (3) were published as attached based on the project entitled " <u>Design, build and test a formula student car</u> " funded by PU year 2014 . Amount (12000) JD					
4	Experimental investigation of cooling photovoltaic (PV) panels using (TiO ₂) nanofluid in water -polyethylene glycol mixture and (Al ₂ O ₃) nanofluid in water-cetyltrimethylammonium bromide mixture.	<u>Munzer.S.Y. Ebaid</u> , Ayoup.M. Ghrair, Mamdoh Al-Busoul	Energy Conversion and Management http://www.journals.elsevier.com/energy-conversion-and-management	0196-8904	Thomson ISI, Elsevier IP (5.589)
5	Experimental Heat Transfer Enhancement of Photovoltaic (PV) Panels Using Two Types of Nanofluids: (TiO ₂) Nanofluid in Water-Polyethylene Glycol Mixture and (Al ₂ O ₃) Nanofluid In Water- Cetyltrimethylammonium Bromide Mixture	<u>Munzer.S.Y. Ebaid</u> , Mamdoh Al-Busoul, Ayoup.M. Ghrair	Journal of Enhanced Heat Transfer http://www.begellhouse.com/journals/enhanced-heat-transfer.html	1065-5131	Thomson ISI, IP (0.562)
Paper No. (4) was published as attached based on the project entitled " <u>Cooling of Photovoltaic (PV) Panels Using Nanofluids</u> " funded by PU year 2016 . Amount (2480) JD.					

Paper No. (5) was sent for publication on () as attached based on the project entitled "**Cooling of Photovoltaic (PV) Panels Using Nanofluids**" funded by PU year **2016**. Amount (2480) JD.

6	Design of an Off-Road Rubber Tracked Ground Vehicle (TGV) for Rugged Terrain Conditions: Part (1) .	Munzer S. Y. Ebaid and Mohammed M. Zughayer	Advances in Mechanical Engineering http://journals.sagepub.com/home/adea	Thomson ISI, IP (0.827)
7	Manufacturing and Testing a Rubber Tracked Ground Vehicle (TGV) for Rugged Terrain Conditions. An Engineering Exercise. Part (2)	Munzer S. Y. Ebaid and Mohammed M. Zughayer	Journal of Engineering and Applied Sciences	

Paper No (6) was sent for publication on (17, Jan, 2018) as attached based on the project entitled "**Design, Manufacture and Test a Tracked Ground Vehicle for Rugged Terrain Conditions (Deep snow, mud, sand and rocks). Part (1)**" funded by PU year **2016**. Amount (9100) JD.

Paper No. (7) was sent for publication on (20, March, 2018) as attached based on the project entitled "**Manufacturing and Testing a Rubber Tracked Ground Vehicle (TGV) for Rugged Terrain Conditions. An Engineering Exercise. Part (2)**" funded by PU year **2016**. Amount (9100) JD.