|  |
| --- |
| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولرDr.Abeer.wared |

|  |
| --- |
| ▼ الاتجاهات البحثية  * **معالجة المياه واستخدام الطاقات النظيفة** |

|  |
| --- |
| ▼ الدرجة العلمية استاذ مساعد |

|  |
| --- |
| ▼ الأبحاث المنشورة  * Abbas H. Sulaymon and Abeer I. Alwared “Drag Force of Two Spheres in Power Law Fluid”, Collage of Engineering Journal, Baghdad University, Journal of Engineering, vol.16., no.2, 2010. * Abbas H. Sulaymon, Catherine A. M. E. Wilson and Abeer I. Alwared ,"Experimental Determination of the Virtual Mass Coefficient for Two Spheres Accelerating in a Power Law Fluid", Journal of Fluids Engineering , vol. 132, 2010. * Abbas H. Sulaymon, Sawsan A. M. Mohammed and Abeer I. Alwared, ''Hydrodynamic Interaction Between Two Spheres in Newtonian and non Newtoniann Fluid '', Journal of Applied Sciences Research, 7(7),2011, * Abbas H. Sulaymon, Catherine A. M. E. Wilson and Abeer I. Alwared, '' An experimental investigation of the settling behavior of two spheres in a power law fluid '',Journal of Non-Newtonian Fluid Mechanics 192 ,2013. * Yasmin Abdulaziz Mustafa , Abeer Ibrahim Alwared and Mothana Ebrahim , Removal of Oil from Wastewater by Advanced Oxidation Process / Homogeneous Process, Journal of Engineering , vol. 19 , no. 6 , 2013, * [Ahmed A. Mohammed](http://www.hindawi.com/31974617/), [Shahlaa E. Ebrahim](http://www.hindawi.com/65248482/), and [Abeer I. Alwared](http://www.hindawi.com/39301618/) ." Flotation and Sorptive-Flotation Methods for Removal of Lead Ions from Wastewater Using SDS as Surfactant and Barley Husk as Biosorbent ", Journal of Chemistry Vol. 2013 ,(2013),Article ID 413948 * Abeer I. Al wared, '' Artificial Neural Network Approach for Prediction Lead Ions Removable from Wastewater by Flotation method”'' **,** Journal of Engineering Science of the Society of Engineering Colleges vol. 25, no.1, 2013. * Yasmen A. Mustafa , Ghydaa M. Jaid , Abeer I. Alwared and ,Mothana Ebrahim,"The use of artificial neural network (ANN) for the prediction and simulation of oil degradation in wastewater by AOP", Environmental Science and Pollution Research * Abeer I. Alwared and Suhair Luay Zeki , " Removal of Water Turbidity by using Aluminum Filings as a Filter Media", Journal of Engineering, vol.20 , no. 7, 2014. * Yasmin A. Mustafa, Abeer I. Alwared and Mothana Ebrahim, " Heterogeneous Photocatalytic Degradation for Treatment of Oil from Wastewater", Al\_ Khwarizmi Engineering Journal, vol.10 , no.3, 2014. * 14. Abbas H. Sulaymon, Muna Yousif Abdul-Ahad and Abeer I. Alwared, "Removal Water Turbidity by Crumb Rubber Media", Al-Khwarizmi Engineering Journal, vol.10 , no. 2 , 2014. * Abeer I. Alwared and Noora Saad Faraj, “Coagulation - Flotation Process for Removing Oil from wastewater using Sawdust+ Bentonite,”Journal of Engineering, vol 21 no 6, 2015. * Abeer I. Alwared , Daad S., Suhair K. Al-Hubboubi “Mechanical Properties of Date Palm Leaf – Stem Fibers Reinforced Concrete”, The 2nd International Conference of Buildings, Construction and Environmental Engineering (BCEE2-2015) * Abbas H. Sulaymon, Abeer I. Alwared,” Prediction of Drag Coefficient for Accelerated Single Sphere in Power Law Fluids” , Journal of Engineering Science of the Society of Engineering Colleges, vol.2 no.22 , 2015. * Ali J. Jaeel , Abeer I. Al-wared, Zainab Z. Ismail ,”Prediction of sustainable electricity generation in microbial fuel cell by neural network: Effect of anode angle with respect to flow direction”, Journal of Electroanalytical Chemistry, 67 (2016) 56–62. * Abeer I. Alwared , Daad S., Suhair K. Al-Hubboubi, 2016, “Effect of Date Palm Leaf Fiber on Mechanical Properties of Concrete” , Journal of Engineering Science of the Society of Engineering Colleges, vol.2 no.23 :49-66. * [Zainab Z Ismail](https://www.researchgate.net/profile/Zainab_Ismail?_iepl%5BviewId%5D=be16kkYOr2dJG09HuIO15qvWfUq8tVOVbzYO&_iepl%5Bcontexts%5D%5B0%5D=prfhpi&_iepl%5Bdata%5D%5BstandardItemCount%5D=4&_iepl%5Bdata%5D%5BuserSelectedItemCount%5D=0&_iepl%5Bdata%5D%5BtopHighlightCount%5D=2&_iepl%5Bdata%5D%5BstandardItemIndex%5D=1&_iepl%5Bdata%5D%5BstandardItem1of4%5D=1&_iepl%5BtargetEntityId%5D=PB%3A321687944&_iepl%5BinteractionType%5D=publicationViewCoAuthorProfile) , [Abeer I. Alwared](https://www.researchgate.net/profile/Abeer_Alwared?_iepl%5BviewId%5D=be16kkYOr2dJG09HuIO15qvWfUq8tVOVbzYO&_iepl%5Bcontexts%5D%5B0%5D=prfhpi&_iepl%5Bdata%5D%5BstandardItemCount%5D=4&_iepl%5Bdata%5D%5BuserSelectedItemCount%5D=0&_iepl%5Bdata%5D%5BtopHighlightCount%5D=2&_iepl%5Bdata%5D%5BstandardItemIndex%5D=1&_iepl%5Bdata%5D%5BstandardItem1of4%5D=1&_iepl%5BtargetEntityId%5D=PB%3A321687944&_iepl%5BinteractionType%5D=publicationViewCoAuthorProfile) and [Ali Jaeel](https://www.researchgate.net/profile/Ali_Jaeel?_iepl%5BviewId%5D=be16kkYOr2dJG09HuIO15qvWfUq8tVOVbzYO&_iepl%5Bcontexts%5D%5B0%5D=prfhpi&_iepl%5Bdata%5D%5BstandardItemCount%5D=4&_iepl%5Bdata%5D%5BuserSelectedItemCount%5D=0&_iepl%5Bdata%5D%5BtopHighlightCount%5D=2&_iepl%5Bdata%5D%5BstandardItemIndex%5D=1&_iepl%5Bdata%5D%5BstandardItem1of4%5D=1&_iepl%5BtargetEntityId%5D=PB%3A321687944&_iepl%5BinteractionType%5D=publicationViewCoAuthorProfile) , 2017“[Recourse recovery of bioenergy from cellulosic material in a microbial fuel cell fed with giant reed-loaded wastewater](https://www.researchgate.net/publication/321687944_Recourse_recovery_of_bioenergy_from_cellulosic_material_in_a_microbial_fuel_cell_fed_with_giant_reed-loaded_wastewater?ev=prf_ov_fet_res&_iepl%5BviewId%5D=be16kkYOr2dJG09HuIO15qvWfUq8tVOVbzYO&_iepl%5Bcontexts%5D%5B0%5D=prfhpi&_iepl%5Bdata%5D%5BstandardItemCount%5D=4&_iepl%5Bdata%5D%5BuserSelectedItemCount%5D=0&_iepl%5Bdata%5D%5BtopHighlightCount%5D=2&_iepl%5Bdata%5D%5BstandardItemIndex%5D=1&_iepl%5Bdata%5D%5BstandardItem1of4%5D=1&_iepl%5BtargetEntityId%5D=PB%3A321687944&_iepl%5BinteractionType%5D=publicationTitle)” , Biofuels . * Abeer I. Alwared and Nada Ali Sadiq,2017, “Competitive Removal of Lead Copper and Cadmium from Aqueous Solution onto Tea Waste”, Journal of Engineering Science of the Society of Engineering Colleges , Vol 24, nO. 3 . * Abeer Alwared, Raghda Resin , Suhair Al-Hubboubi, 2018,” Utilization of brick waste as pozzolanic material in concrete mix”, MATEC Web of Conferences 162, 02006 , BCEE3. * Duaa E. Aljubori Dr. Suhair K.Al-Hubboubi and Abeer I. Alwared,2018, “Thermal Properties of Lead-Acid Battery Plastic Lightweight Concrete”, Journal of Engineering, 24(12), * Abeer I. Alwared, Suhair K. A. Al-Hubboubi and Raghda Abedalnabi Rasen, 2018, “Effect of Waste Glass Powder as a Supplementary Cementitious Material on the Concrete Mix Properties”, Association of Arab Universities Journal of Engineering Sciences , 25(4) * Abeer I. Alwared; Nada Ali Sadiq, 2019 , “Competitive Removal of Lead Copper and Cadmium Ions by sorptive flotation using marble wastes”,[International Journal of Environment and Waste Management](https://www.inderscience.com/jhome.php?jcode=ijewm), 23(2). * Shahad A. Abdulhussein, Abeer I. Alwared, 2019, “The use of Artificial Neural Network (ANN) for modeling of Cu (II) ion removal from aqueous solution by flotation and sorptive flotation process”, Environmental Technology & Innovation, 13:353–363 * Abeer I. Alwared, Nada Abdulrazzaq and Baseem Al-Sabbagh, 2019, “Micro-Bubble Flotation for Removing Cadmium Ions from Aqueous Solution: Artificial Neural Network Modeling and Kinetic of Flotation”, Iraqi Journal of Chemical and Petroleum Engineering, Vol.20, no.2 :1 – 9 Hala Abdelkareem, Abeer Alwared, Tariq Jwad Al‑Musawi and · Francois  Brouers ” 2019, A Comparative Study for the Identifcation of Superior Biomass * Facilitating Biosorption of Copper and Lead Ions: A Single Alga or a Mixture of Alga ” , International Journal of Environmental Research , * Wisam Sh. Jaber and Abeer I. Alwared, 2019 “Removal of oil emulsion from aqueous solution by using Ricinus communis leaves as adsorbent” |

|  |
| --- |
| ▼ الكتب والمؤلفات  * Alwared, Abber and Sulaymon, Abass, 2013“Hydrodynamic of Spheres in Various Solutions”, LAMBERT Academic <https://www.lap-publishing.com/extern/listprojects> * Khalaf, D. E. , Alarmed A.I. and Al-. Hubboubi S.K. (2019) , Waste Plastic Boxes of Acidic Lead Batteries in Lightweight Concrete “,LAMBERT Academic <https://www.lap-publishing.com/extern/listprojects> |

|  |
| --- |
| ▼ رسائل الماجستير الذي اشرف عليها   * Treatment of Wastewater by Advanced Oxidation Processes , Muthanna Ibrahim Hayder, 2012 * Performance of Packed Bed Filters for Removal of Water Turbidity, Suhair Luay Zeki, 2013 * Enhanced Efficiency of Floatation Process for the Removal of Oil from Wastewater by using Coagulation, Nora Saad, 2014 * Utilize Palm Date Wastes for Enhancing Concrete Characteristics, Daad Saad , 2015 * Competitive study to remove heavy metals from wastewater by sorptive flotation using low cost adsorbent, Nada Ali Sadiq, 2016 * Utilization solid wastes in the production of pozzolanic material, Raghda Abed Alnabi , 2017 * Removal of Cu+2 and Ni+2 ions from aqueous solution using flotation and sorptive flotation with application of artificial nural netwok, Shehed Ali, 2018 * utilization of waste plastic boxes of expired acidic lead batteries in structural light weight concrete mix, Duaa Edan , 2018 * Performance of Fluidized Bed Reactor Process in Removing Dyes from Simulated Wastewater, Isra Sabah , 2019 |
|  |

|  |
| --- |
| ▼ اطاريح الدكتوراه الذي اشرف عليها, Three Phases Fluidized Bed Reactor for Removing Lead and Copper ions from Aqueous Solution, Hala Abdelkareem, 2019 |