**السيرة الذاتية**

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5. البحوث المنشورة

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| ت | اسم البحث | السنة |
| 1 | Drag Force of Two Spheres in Power Law Fluid | 2010 |
| 2 | Experimental Determination of the Virtual Mass Coefficient for Two Spheres Accelerating in a Power Law Fluid | 2010 |
| 3 | Hydrodynamic Interaction Between Two Spheres in Newtonian and non Newtoniann Fluid | 2011 |
| 4 | An experimental investigation of the settling behavior of two spheres in a power law fluid | 2013 |
| 5 | Removal of Oil from Wastewater by Advanced Oxidation Process / Homogeneous Process | 2013 |
| 6 | Flotation and Sorptive-Flotation Methods for Removal of Lead Ions from Wastewater Using SDS as Surfactant and Barley Husk as Biosorbent | 2013 |
| 7 | Artificial Neural Network Approach for Prediction Lead Ions Removable from Wastewater by Flotation method | 2014 |
| 8 | The use of artificial neural network (ANN) for the prediction and simulation of oil degradation in wastewater by AOP | 2014 |
| 9 | Removal of Water Turbidity by using Aluminum Filings as a Filter Media | 2014 |
| 10 | Heterogeneous Photocatalytic Degradation for Treatment of Oil from Wastewater | 2014 |
| 11 | Removal Water Turbidity by Crumb Rubber Media | 2014 |
| 12 | Coagulation - Flotation Process for Removing Oil from wastewater using Sawdust+ Bentonite | 2015 |
| 13 | Mechanical Properties of Date Palm Leaf – Stem Fibers Reinforced Concrete | 2015 |
| 14 | Prediction of Drag Coefficient for Accelerated Single Sphere in Power Law Fluids | 2015 |
| 15 | Prediction of sustainable electricity generation in microbial fuel cell by neural network: Effect of anode angle with respect to flow direction | 2016 |
| 16 | Effect of Date Palm Leaf Fiber on Mechanical Properties of Concrete | 2016 |
| 17 | [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) | 2017 |
| 18 | Competitive Removal of Lead Copper and Cadmium from Aqueous Solution onto Tea Waste | 2017 |
| 19 | Utilization of brick waste as pozzolanic material in concrete mix | 2018 |
| 20 | Effect of Waste Glass Powder as a Supplementary Cementitious Material on the Concrete Mix Properties | 2018 |
| 21 | Thermal Properties of Lead-Acid Battery Plastic Lightweight Concrete | 2018 |
| 22 | The use of Artificial Neural Network (ANN) for modeling of Cu (II) ion removal from aqueous solution by flotation and sorptive flotation process | 2019 |
| 23 | Competitive removal of lead copper and cadmium ions by sorptive flotation using marble wastes | 2019 |

1. الاتجاهات البحثيةwater and wastewater treatment
2. كتب ومولفات:

Hydrodynamic of Spheres in Various Solutions”, Ph.D. Thesis –unpublished - College of Engineering / Baghdad University, 2009, **Published as book in LAMBERT Academic Publishing in 2013,** [**https://www.lap-publishing.com/extern/listprojects**](https://www.lap-publishing.com/extern/listprojects)

1. رسائل الماجستير التي اشرف عليها : 9
2. رسائل الدكتوراه التي اشرف عليها :لايوجد