




المعلومات الشخصية

	الاسم الثلاثي واللقب	رسل نصير محمد الخصبي
	المواليد	1985
	محل التولد	البصرة
	الجنسية	عراقية
	الحالة الزوجية	متزوجه
	عدد الأطفال	3
العنوان	بصرة-حي العباس	
البريد الالكتروني	Rusul.mohammed@uob.edu.iq	
تلفون	07721157694	
اللقب العلمي	مدرس	
الاختصاص العام	هندسة كيمياوية	
الاختصاص الدقيق	هندسة بيئية	
الاختصاص الحالي	هندسة كيمياوية	

الشهادات والالقب العلمية

الشهادة	تاريخها	عنوان الرسالة / الاطروحة	الجامعة	البلد
الدكتوراه		Biological nitrogen and phosphorus removal using a novel phased isolation tank step feed activated sludge process: Experimental Investigation and Modeling (PITSF process)	ساوث ايست	الصين
الماجستير		Performance of multimedia filter under different operation condition	البصرة	العراق

المهارات

المهارات
اللغة العربية
قراءة وكتابة وتكلم واصغاء (ممتاز)
اللغة الانكليزية
قراءة وكتابة وتكلم واصغاء (جيد جدا)
لغات اخرى
الصينية (تكلم واصغاء جيد)

الدورات التدريبية

اسم الدورة	مكان الدورة	مدة الدورة	تاريخ الدورة
دورة طرائق التدريس	جامعة البصرة	شهر	2015

المناصب الادارية

الوظيفة (تبدأ من الوظيفة الحالية)	من الفترة	الى الفترة
مدرس في قسم الهندسة الكيماوية	2014	الان
عضو في لجنة التعضيد	2015	الان

السيرة الذاتية لتدريسيي جامعة البصرة

النشاط البحثي	
مكان وتاريخ النشر	اسم النشاط
[1] Achieving partial nitrification in a novel pilot-scale six basins alternately operating activated sludge process in treating domestic wastewater",	Korean Journal of chemical engineering . November 2013, Volume 30, Issue 11, pp 2043-2051.
[2] Biological nutrient removal with limited organic matter using a novel anaerobic-anoxic/oxic multi-phased activated sludge process".	Saudi Journal of Biological Sciences, 20(1):11-21, 2013
[3] Long term operation of a novel pilot-scale six basins alternately operating activated sludge process in treating domestic wastewater",	Environmental Technology, August 2013.
[4] Intercross real-time control strategy in a novel phased isolation tank step feed process for treating low C/N real wastewater under ambient temperature	Korean Journal of chemical engineering, 2015
[5] Fluidization of fine particles and its optimal operation condition in multimedia water filter"	Desalination and Water Treatment, 51 (22-24), 2013.
[6] Integrated real-time control strategy in multi-tank A2O process for biological nutrient removal for treating real domestic wastewater".	Arabian Journal of Chemistry (2013),
[7] Modeling of partial nitrification in a novel PITSF-SEU process using ASM2d extended model	Desalination and Water Treatment,
[8] Biological nutrient removal using a novel five-step continuous flow activated sludge process",	Environment Protection Engineering, V (3),2013.
[9] Prediction and Simulation the Breakthrough of Residual Chlorine Removal by Granular Activated Carbon",	Research Journal of Applied Sciences, Engineering and Technology, 4(13), 1883-1887, 2012.
[10] Date Palm Kernel- based GAC and its dynamic modeling of residual chlorine breakthrough curve in multimedia filter",	Journal of Southeast University ,2 (28),169-174,2012.
[11] Fluidization and optimum backwashing conditions in multimedia filter",	Research Journal of Applied Sciences, Engineering and Technology, 3(11), 1304-1309, 2011
[12] A Fast Predictive of Sludge Age in Five Step SBRs Using FLC Model,	Research Research Journal of Applied Sciences, Engineering and Technology, 4(15), 2569-2576, 2012
[13] Prediction and simulation of multimedia filter performance using artificial neural network,	IEEE (Internet Technology and Applications), 2(1), 2011.
[14] Demonstration Case of Petrochemical Wastewater Treatment Plant,	(American Journal of Environmental Sciences), 6 (3): 295-298, 2010.
[15] A Fast Predicting Neural Fuzzy Model for Solid Removal Efficiency in Multimedia Filter	(Journal of Environmental Protection), (1) 438-447, 2010.

[16] A Fast Predicating of Nutrient Removal Efficiency in Five Steps Sequencing Batch Reactor System Using Fuzzy Logic Control Model,"	Journal of Engineering, Vol. 2 No. 10, 2010, pp. 820-831. doi:
[17] Effluent characteristics of Sequencing Batch Reactor and Sieve Filter system treating domestic wastewater	IJASER 2016

النشاطات الثقافية (المشاركات في المؤتمرات والندوات وغيرها)

اسم النشاط	مكانه وزمانه
1. Modeling Suspended Growth Systems	China/wuxi/2012
2. Wastewater Treatment	China/wuxi/2012
3. Secondary Treatment Process	China/wuxi/2012
4. Sludge Treatment	China/wuxi/2012
5. Water filtration	China/wuxi/2012
6. Fixed-Bed Reactor for studying the Kinetics of Methane Oxidation on Supported Palladium	China/wuxi/2012
7. Numerical simulation of heat transfer mechanisms during femtosecond laser heating of nano-films using 3-D dual phase lag model	China/wuxi/2012
8. ADSORPTION	China/wuxi/2012
9. The 2nd International Conference on Internet Technology and Applications (ITAP) conference	wuhan/2010
10. The World Congress on Engineering and Technology (CET 2011)	shanghai/2011
11. Southeast University Anniversary	Southeast university/2012
12. Water treatment in Basra city	Basra university / 2015

الجوائز وكتب الشكر والشهادات التقديرية للسنة الدراسية

سبب المنح	الجهة المانحة	تاريخها	الشهادة
التميز العلمي خلال يوم العلم	وزارة التعليم العالي والبحث العلمي	2011	وسام التميز العلمي من وزارة التعليم العالي والبحث العلمي
الحصول على درع من الوزير للتميز العلمي	جامعة البصرة	2011	شكر
التميز اثناء دراسة الدكتوراه	جامعة ساوث ايبست	2013	شكر وتقدير
مشاركة في بحث علمي	مؤتمر الهندسة والتكنولوجيا	2011	شكر وتقدير
نشر بحوث رصينة	جامعة ساوث ايبست	2013	جائزة نقدية

الخبرات التدريسية

المرحلة الدراسية	اسم المواد التي درستها
الاولى	الرسم الهندسي والهندسة الوصفية
الثالثة	انقال كتلة
الثانية	هندسة تلوث البيئة والسلامة الصناعية
عدد الرسائل / والاطاريح	الاشراف على الدراسات العليا

Personal information			
First Name and surname	Rusul Naseer Mohammed		
Date of Birth	1985		
Place of Birth	ALBASRAH		
Nationality	IRQ		
Marital Status	MARRIED		
Number of Children	3		
Address	IRQ-ALBASRAH		
E-mail	Rusul.mohammed@uob.edu.iq		
Telephone number	07721157694		
Scientific Rank	Teacher (H index =3)		
General Specialty	Chemical Engineering		
precise specialization	Chemical and Environmental Engineering		
Date of first appointment at the university	11.2014		
the certificates and scientific title			
Certificate	title of the thesis	University	Country
Doctorate	Biological nitrogen and phosphorus removal using a novel phased isolation tank step feed activated sludge process: Experimental Investigation and Modeling (PITSF process)	SOUTHEAST UNIVERSITY	CHINA
Master	Performance of multimedia filter under different operation condition	UNIVERSITY OF BASRAH	IRQ
Skills			
Arabic	EXCELLENT		
English	VERY GOOD		
other language	CHINESE		
training courses			
Course Name	Place	Duration	Date
METHODS OF TEACHING	UOB/Basra	1 month	2015
Administrative Posts			
Career (now)	From	To	
Teacher	2014	NOW	
Committee of papers addition	2015	NOW	

Research Activity	
Seminars	Place and date of publication
Achieving partial nitrification in a novel pilot-	Korean Journal of chemical engineering

scale six basins alternately operating activated sludge process in treating domestic wastewater",	. November 2013; Volume 30, Issue 11, pp 2043-2051.
[2] Biological nutrient removal with limited organic matter using a novel anaerobic-anoxic/oxic multi-phased activated sludge process".	Saudi Journal of Biological Sciences, 20(1):11-21, 2013
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[7] Modeling of partial nitrification in a novel PITSF-SEU process using ASM2d extended model	Desalination and Water Treatment,
[8] Biological nutrient removal using a novel five-step continuous flow activated sludge process",	Environment Protection Engineering, V (3),2013.
[9] Prediction and Simulation the Breakthrough of Residual Chlorine Removal by Granular Activated Carbon",	Research Journal of Applied Sciences, Engineering and Technology, 4(13), 1883-1887, 2012.
[10] Date Palm Kernel- based GAC and its dynamic modeling of residual chlorine breakthrough curve in multimedia filter",	Journal of Southeast University ,2 (28),169-174,2012.
[11] Fluidization and optimum backwashing conditions in multimedia filter",	Research Journal of Applied Sciences, Engineering and Technology, 3(11), 1304-1309, 2011
[12] A Fast Predictive of Sludge Age in Five Step SBRs Using FLC Model,	Research Research Journal of Applied Sciences, Engineering and Technology, 4(15), 2569-2576, 2012
[13] Prediction and simulation of multimedia filter performance using artificial neural network,	IEEE (Internet Technology and Applications), 2(1), 2011.
[14] Demonstration Case of Petrochemical Wastewater Treatment Plant,	(American Journal of Environmental Sciences), 6 (3): 295-298, 2010.
[15] A Fast Predicting Neural Fuzzy Model for Solid Removal Efficiency in Multimedia Filter	(Journal of Environmental Protection), (1) 438-447, 2010.
[16] A Fast Predicating of Nutrient Removal Efficiency in Five Steps Sequencing Batch Reactor System Using Fuzzy Logic Control Model,"	Journal of Engineering, Vol. 2 No. 10, 2010, pp. 820-831. doi:

السيرة الذاتية لتدريسي جامعة البصرة

[17] Effluent characteristics of Sequencing Batch Reactor and Sieve Filter system treating domestic wastewater	IJASER 2016
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Cultural activities

Seminars	Place and date
13. Modeling Suspended Growth Systems	China/wuxi/2012
14. Wastewater Treatment	China/wuxi/2012
15. Secondary Treatment Process	China/wuxi/2012
16. Sludge Treatment	China/wuxi/2012
17. Water filtration	China/wuxi/2012
18. Fixed-Bed Reactor for studying the Kinetics of Methane Oxidation on Supported Palladium	China/wuxi/2012
19. Numerical simulation of heat transfer mechanisms during femtosecond laser heating of nano-films using 3-D dual phase lag model	China/wuxi/2012
20. ADSORPTION	China/wuxi/2012
21. The 2nd International Conference on Internet Technology and Applications (iTAP) conference	wuhan/2010
22. The World Congress on Engineering and Technology (CET 2011)	shanghai/2011
23. Southeast University Anniversary	Southeast university/2012
24. Water treatment in Basra city	Basra university / 2015

Awards and thanks and appreciation certificates for the school year

Certificate	data	issued by	reason
Thanks and appreciation certificate	2011	ministry of higher education in Iraq	Scientific day
Thanks and appreciation certificate	2013	Southeast university	high efforts in getting PhD. Degree from southeast university /china.
Thanks and appreciation certificate	2011	CET conference	Published paper in the conference
Award	2013	Southeast university	Published more than 14 sci papers

Teaching Experience

studied	Stage
Engineering Drawings and description engineering	1stage
Mass transfer	Third class
Environmental pollution	Second class
Supervision of postgraduate	number