

روابط للبحوث الرصينة على المواقع الالكترونية للجامعات

كلية الهندسة / قسم الهندسة الكيميائية

N o.	Research Title	Research her Name	Journal Name	Date of Publicat ion	Publicati on database	Link of Research paper
1.	Pressure Swing Adsorption Technologies for Carbon Dioxide Capture	Ahmed Daham Wiheeb	Separation & Purification Reviews	2016	Taylor and Francis	<a href="http://www.tandfonline.com/doi/abs/10.1080/15422119.2015.1047958?journalCode=lspr20">http://www.tandfonline.com/doi/abs/10.1080/15422119.2015.1047958?journalCode=lspr20</a>
2.	In-situ mineralization of carbon dioxide in a coalfired power plant	Ahmed Daham Wiheeb	Energy Sources, Part A: Recovery, Utilization , and Environmental Effects	2016	Taylor and Francis	<a href="http://www.tandfonline.com/doi/abs/10.1080/15567036.2013.813991?journalCode=ueso20">http://www.tandfonline.com/doi/abs/10.1080/15567036.2013.813991?journalCode=ueso20</a>
3.	Flow dynamics of gases inside hydrotalcite -silica micropores	Ahmed Daham Wiheeb	Microporous and Mesoporous Materials	2017	Elsevier	<a href="http://www.sciencedirect.com/science/article/pii/S1387181117301981">http://www.sciencedirect.com/science/article/pii/S1387181117301981</a>
4.	Optimal Design of a	Aysar T.	Energy and Fuel	2017	Elsevier	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.5b00157">http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.5b00157</a>

	Trickle Bed Reactor for Phenol Oxidation	Jarullah				
5.	Naphtha Catalytic Upgrading for Production of Environmentally Friendly Gasoline	Aysar T. Jarullah	Journal of Chemical Engineering & Process Technology	2016	ACS publications	<a href="https://www.omicsonline.org/open-access/naphtha-catalytic-upgrading-for-production-of-environmentally--friendlygasoline-2157-7048-1000303.php?aid=76959">https://www.omicsonline.org/open-access/naphtha-catalytic-upgrading-for-production-of-environmentally--friendlygasoline-2157-7048-1000303.php?aid=76959</a>
6.	Optimal design and operation of an industrial fluidized catalytic cracking reactor	Aysar T. Jarullah	Fuel	2017	Elsevier	<a href="http://www.sciencedirect.com/science/article/pii/S0016236117306841">http://www.sciencedirect.com/science/article/pii/S0016236117306841</a>
7.	Optimal Design and Operation of an Industrial Three Phase Reactor for the Oxidation of Phenol	Aysar T. Jarullah	Computers & Chemical Engineering	2016	Elsevier	<a href="http://www.sciencedirect.com/science/article/pii/S0098135416302381">http://www.sciencedirect.com/science/article/pii/S0098135416302381</a>

8.	Oxidative catalytic desulphurization of naphtha in a trickle bed reactor	Aysar T. Jarullah	Petroleum and Coal	2017	ACS publications	<a href="https://www.researchgate.net/publication/313851237_Oxidative_catalytic_desulphurization_of_naphtha_in_a_trickle_bed_reactor">https://www.researchgate.net/publication/313851237_Oxidative_catalytic_desulphurization_of_naphtha_in_a_trickle_bed_reactor</a>
9.	Significant cost and energy savings opportunities in industrial three phase reactor for phenol oxidation	Aysar T. Jarullah	Computers & Chemical Engineering	2017	Elsevier	<a href="http://www.sciencedirect.com/science/article/pii/S0098135417301783">http://www.sciencedirect.com/science/article/pii/S0098135417301783</a>