List of Publication 2012	T.11.	
Authors	Title	Year
FS Ghareh Bagh, FS Mjalli	A novel electrolyte for separation of sodium salt: A study for sodium solubility in deep eutectic solvents	2012
A Hayyan, M Ali Hashim, FS Mjalli, M Hayyan	A Novel Phosphonium-Based Deep Eutectic Catalyst for Biodiesel Production from Industrial I	2012
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	I I	
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