

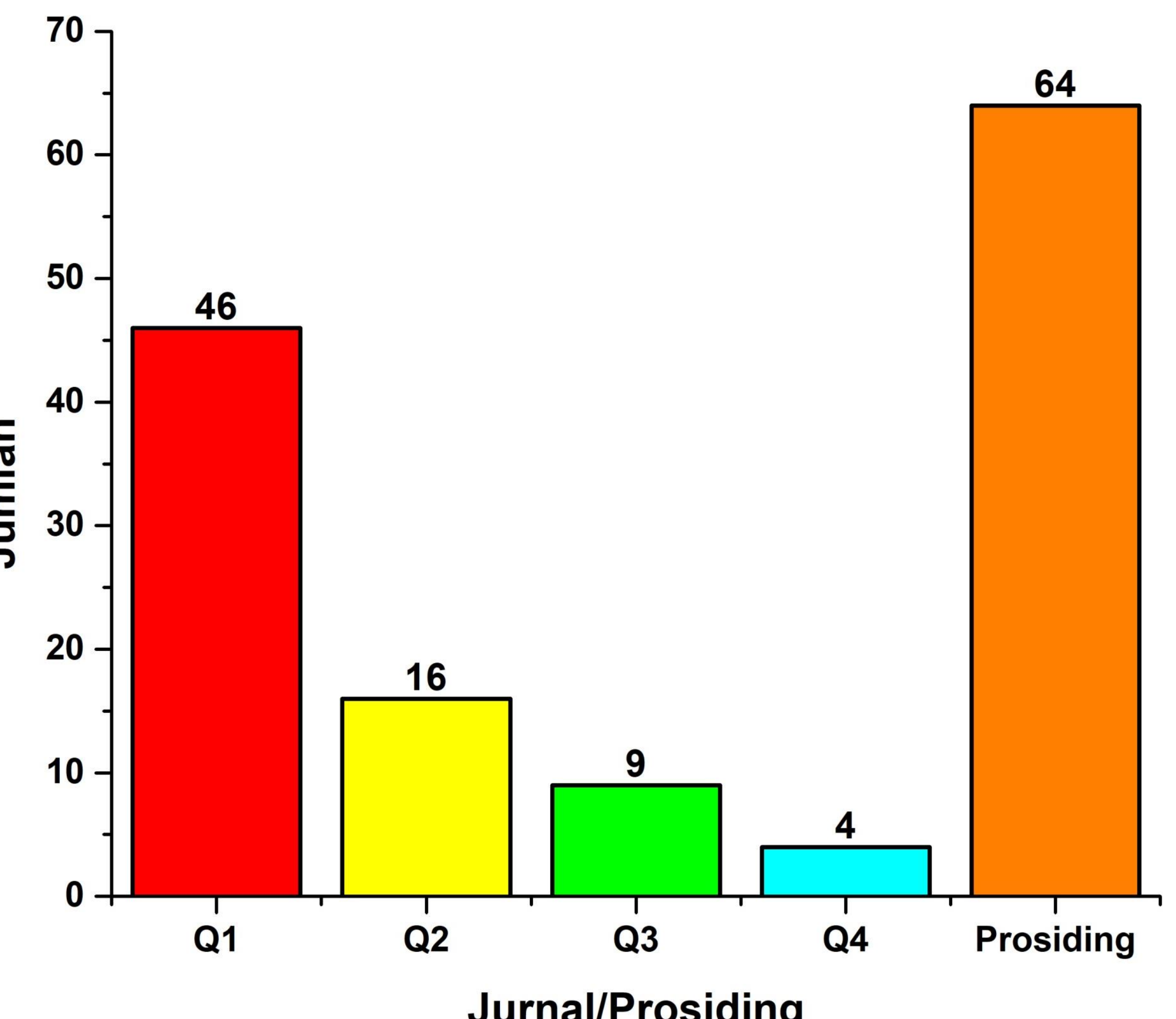
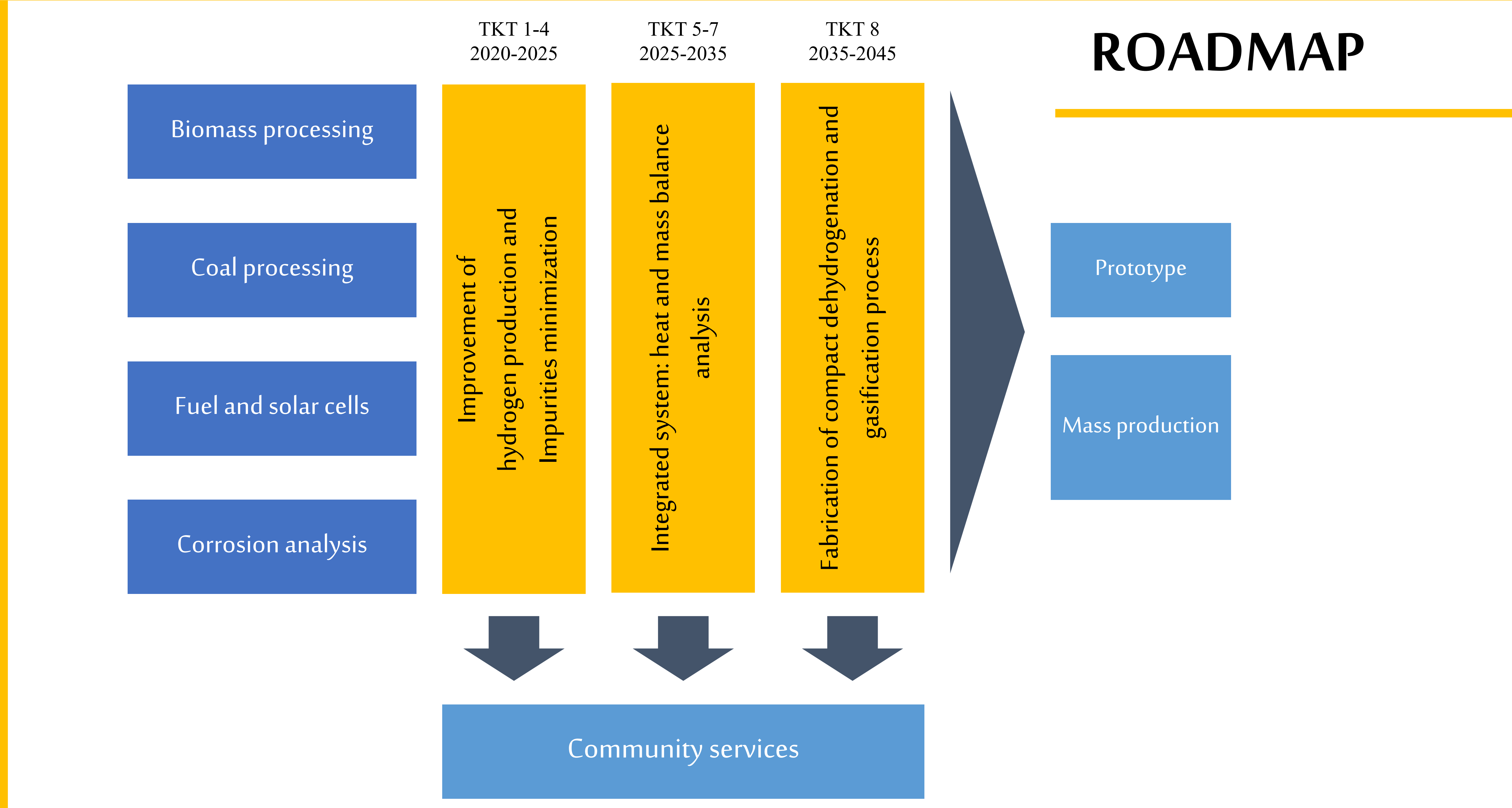


KELOMPOK KEAHLIAN ENERGI DAN SISTEM PEMROSES TEKNIK KIMIA

KK ESPTK memiliki bidang kajian pengembangan ilmu rekayasa energi berbasis biomassa, batubara, dan elektrokimia, pengembangan teknologi yang mendorong program konservasi energi di industri proses kimia, serta pengembangan teknologi proses yang hemat material dan energi.

PUBLIKASI TERPILIH

- Significant factors affecting devolatilization of fragmenting, non-swelling coals in fluidized bed combustion
Chemical Engineering Science, cited by 32 – Dwiwahju Sasongko
- A moving-bed gasifier with internal recycle of pyrolysis gas
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- Hydrates of carbon dioxide and methane mixtures
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- The effect of carbon nanotube composite addition on biomass-based supercapacitor
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- The effect of a ceria coating on the H₂S tolerance of a molten carbonate fuel cell
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- Effect of gas composition produced by gasification, on the performance and durability of molten carbonate fuel cell (MCFC)
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- A novel TiO₂ composite for photocatalytic wastewater treatment
Journal of Catalysis, cited by 38 – Wibawa Hendra Saputera
- Soybean and moringa based green biosolvents for low-concentration CO₂ capture via a hollow fiber membrane contactor
Chemical Engineering Journal, cited by 5 – Pri Januar Gusnawan

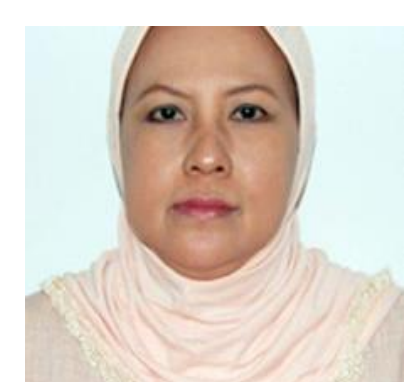


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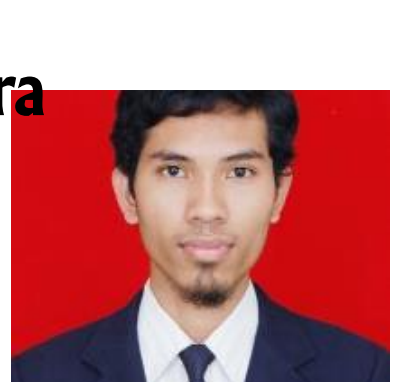
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