

Green Chemistry

Cutting-edge research for a greener sustainable future

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$$\max_{u_r, v_i} \theta_0 = \sum_{r=1}^s u_r y_{r0}$$

$$\text{subject to: } \sum_{i=1}^m v_i x_{i0} = 1$$

$$\sum_{r=1}^s u_r y_{rj} - \sum_{i=1}^m v_i x_{ij} \leq 0, \quad j=1, \dots, n$$

$$u_r, v_i \geq 0, \quad r=1, \dots, s; \quad i=1, \dots, m$$



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PAPER

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Multi-criteria screening of chemicals considering thermodynamic and life cycle assessment metrics *via* data envelopment analysis: application to CO₂ capture

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YEARS