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Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shell- Optimization, kinetics and equilibrium studies

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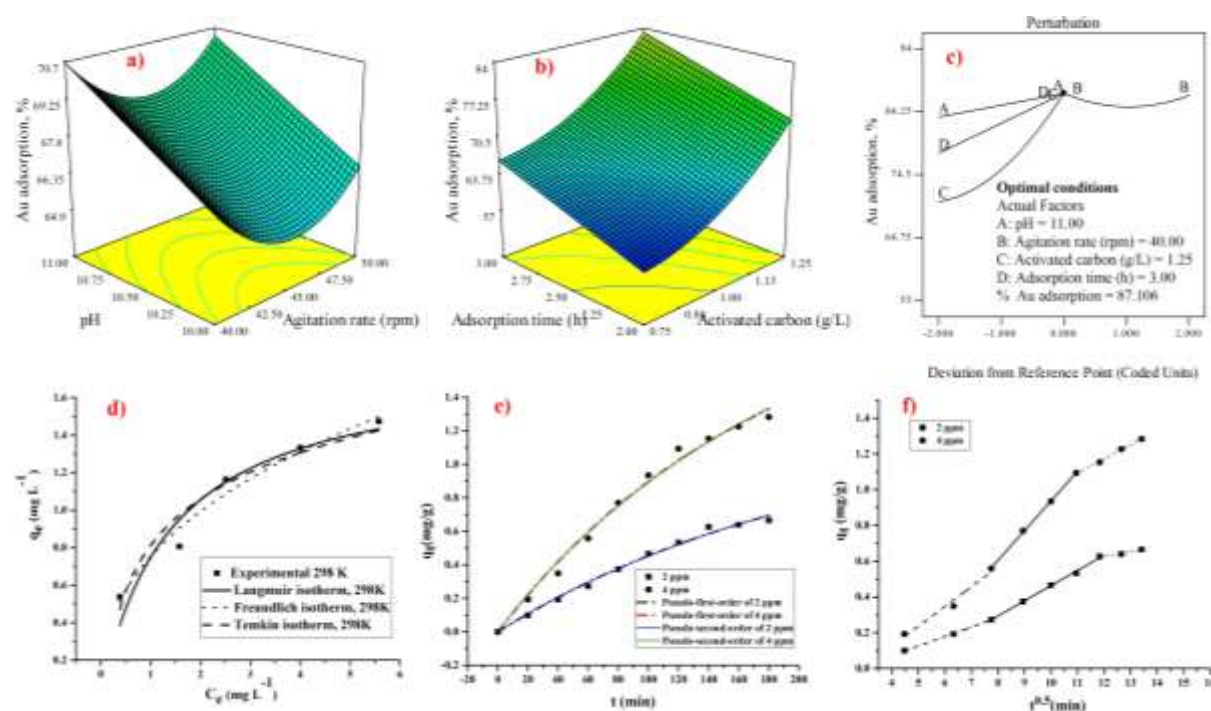
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Graphical abstract



(a) The effect of pH and agitation rate on Au adsorption rate; (b) the effect of sorption time and activated carbon concentration on Au adsorption rate; (c) the optimal condition predicted; (d) isotherm models; (e) pseudo-first order and pseudo-second order kinetics models and (f) intra-particle diffusion kinetics model.

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