Literature Search Strategy
for Theoretical Appraisal of Explanatory Paradigms for Artificial Intelligence Usage by Medical Doctors

Ya Jhen Li (z10412025@email.ncku.edu.tw)
Kun-Yen Medical Library, National Cheng Kung University,Tainan,Taiwan

Search syntax

Records identified from Scopus: (n=928) (Search Date: 2025.1.26)

(TITLE-ABS ("Diffusion of Innovations Theory" OR "Technology Acceptance Model" OR "TAM" OR "Extended Technology Acceptance Model" OR "Unified Theory of Acceptance and Use of Technology" OR "UTAUT" OR "Task-Technology Fit Model" OR "Task Technology Fit Model" OR "TTF" OR "Model of Personal Computer Utilization" OR "Model of PC Utilization" OR "MPCU" OR "Theory of Planned Behavior" OR "Theory of Planned Behaviour" OR "TPB" OR "Theory of Reasoned Action" OR "TRA" OR "Motivational Model" OR "Expectation-Confirmation Model" OR "Expectation Confirmation Model" OR "ECM" OR "Technology Readiness Index" OR "TRI" OR "Self-Efficacy Theory" OR "Self Efficacy Theory" OR "Self-Learning Theory" OR "Self Learning Theory" OR "Hedonic Motivation Model" OR "Cognitive Dissonance Theory" OR "Health Belief Model" OR "Delone and McLean IS Success Model" OR "Status Quo Bias Theory" OR "Inhibitors Model of IT Adoption" OR "Technology Threat Avoidance Theory" OR "Resistance to Innovation Model" OR "Cognitive Resistance Model" OR "Organizational Resistance Framework" OR "Innovation Resistance Theory" OR "Theory of Resistance to Change" OR "Expectation-Disconfirmation Theory" OR "Expectation Disconfirmation Theory" OR "Sociotechnical Systems Theory" OR "Socio-Technical Systems Theory" OR "Actor-Network Theory" OR "Actor Network Theory" OR "Social Construction of Technology" OR "Cultural-Cognitive Model of Technology Adoption" OR "Institutional Theory" OR "Social Influence Theory" OR "Technology Environment Fit Model" OR "Digital Divide Theory" OR "IS Continuance Model" OR "Consumer Resistance Framework" OR "Gamification Adoption Model" OR "Digital Nudging Model" OR "AI Trust Model" OR "Social Cognitive Theory" OR "Self-Determination Theory" OR "Self Determination Theory" OR "Protection Motivation Theory" OR "Media Richness Theory" OR "Perceived Risk Theory" OR "Extended Unified Theory of Acceptance and Use of Technology" OR "Trust and Acceptance of Artificial Intelligence Technology" OR "TrAAIT" OR "Reactance Theory" OR "Resistance to Change Theory" OR "Psychological Ownership Theory" OR "Equity Theory" OR "Perceived Behavioral Control Theory" OR "Job-Demand Resource Model" OR "Expectancy Theory" OR "Dual Factor Model" OR "Dual-Factor Model" OR "Dual Factor Theory" OR "Enablers and Barriers Model" OR "Facilitators and Barriers Model" OR "Motivators and Barriers Theory" OR "Push-Pull-Mooring Framework" OR "Push Pull Mooring Framework" OR "Technology Acceptance Lifecycle" OR "Innovation Diffusion Theory" OR "Perceived Value Theory" OR "Theory of Usefulness and Ease of Use" OR "Extended TAM" OR "Adaptive Structuration Theory" OR "Technology Commitment Model" OR "Information Systems Success Model" OR "Technology Affordance Theory" OR "Concerns-Based Adoption Model" OR "Stages of Concern Model" OR "Adoption Process Model" OR "Technology Infusion Model" OR "Innovation-Decision Process Model" OR "Organizational Adoption Model" OR "Perceived Characteristics of Innovating Model" OR "Combined TAM and TPB" OR "Drivers" OR "Enablers" OR "Inhibitors" OR "Barriers" OR "Grounded Theory"**)) AND (TITLE-ABS (**"artificial Intelligence" OR AI OR "A.I." OR GAI OR "gen-AI" OR "genAI" OR ChatGPT OR perplexity OR claude OR gemini OR openai OR "Large Language Model" OR LLM**)) AND (TITLE-ABS (**"public health" OR healthcare OR doctor* OR physician* OR clinician* OR surgeon***)) AND (LIMIT-TO (DOCTYPE,**"ar" **))**

(ts=("Diffusion of Innovations Theory" OR "Technology Acceptance Model" OR "TAM" OR "Extended Technology Acceptance Model" OR "Unified Theory of Acceptance and Use of Technology" OR "UTAUT" OR "Task-Technology Fit Model" OR "Task Technology Fit Model" OR "TTF" OR "Model of Personal Computer Utilization" OR "Model of PC Utilization" OR "MPCU" OR "Theory of Planned Behavior" OR "Theory of Planned Behaviour" OR "TPB" OR "Theory of Reasoned Action" OR "TRA" OR "Motivational Model" OR "Expectation-Confirmation Model" OR "Expectation Confirmation Model" OR "ECM" OR "Technology Readiness Index" OR "TRI" OR "Self-Efficacy Theory" OR "Self Efficacy Theory" OR "Self-Learning Theory" OR "Self Learning Theory" OR "Hedonic Motivation Model" OR "Cognitive Dissonance Theory" OR "Health Belief Model" OR "Delone and McLean IS Success Model" OR "Status Quo Bias Theory" OR "Inhibitors Model of IT Adoption" OR "Technology Threat Avoidance Theory" OR "Resistance to Innovation Model" OR "Cognitive Resistance Model" OR "Organizational Resistance Framework" OR "Innovation Resistance Theory" OR "Theory of Resistance to Change" OR "Expectation-Disconfirmation Theory" OR "Expectation Disconfirmation Theory" OR "Sociotechnical Systems Theory" OR "Socio-Technical Systems Theory" OR "Actor-Network Theory" OR "Actor Network Theory" OR "Social Construction of Technology" OR "Cultural-Cognitive Model of Technology Adoption" OR "Institutional Theory" OR "Social Influence Theory" OR "Technology Environment Fit Model" OR "Digital Divide Theory" OR "IS Continuance Model" OR "Consumer Resistance Framework" OR "Gamification Adoption Model" OR "Digital Nudging Model" OR "AI Trust Model" OR "Social Cognitive Theory" OR "Self-Determination Theory" OR "Self Determination Theory" OR "Protection Motivation Theory" OR "Media Richness Theory" OR "Perceived Risk Theory" OR "Extended Unified Theory of Acceptance and Use of Technology" OR "Trust and Acceptance of Artificial Intelligence Technology" OR "TrAAIT" OR "Reactance Theory" OR "Resistance to Change Theory" OR "Psychological Ownership Theory" OR "Equity Theory" OR "Perceived Behavioral Control Theory" OR "Job-Demand Resource Model" OR "Expectancy Theory" OR "Dual Factor Model" OR "Dual-Factor Model" OR "Dual Factor Theory" OR "Enablers and Barriers Model" OR "Facilitators and Barriers Model" OR "Motivators and Barriers Theory" OR "Push-Pull-Mooring Framework" OR "Push Pull Mooring Framework" OR "Technology Acceptance Lifecycle" OR "Innovation Diffusion Theory" OR "Perceived Value Theory" OR "Theory of Usefulness and Ease of Use" OR "Extended TAM" OR "Adaptive Structuration Theory" OR "Technology Commitment Model" OR "Information Systems Success Model" OR "Technology Affordance Theory" OR "Concerns-Based Adoption Model" OR "Stages of Concern Model" OR "Adoption Process Model" OR "Technology Infusion Model" OR "Innovation-Decision Process Model" OR "Organizational Adoption Model" OR "Perceived Characteristics of Innovating Model" OR "Combined TAM and TPB" OR "Drivers" OR "Enablers" OR "Inhibitors" OR "Barriers" OR "Grounded Theory"**))** **AND (ts=(**"artificial Intelligence" OR AI OR "A.I." OR GAI OR "gen-AI" OR "genAI" OR ChatGPT OR perplexity OR claude OR gemini OR openai OR "Large Language Model" OR LLM**))** **AND (ts=(**"public health" OR healthcare OR doctor* OR physician* OR clinician* OR surgeon***)) AND (DT=(**"ARTICLE"**))**