

STT	Mục	Từ khóa tìm kiếm trên scholar	Phản công	Link bài báo	Link bài báo
1	Thứ cấp dữ liệu báo cáo từ người dân / cơ quan y tế	participatory surveillance crowdsourcing reporting	Chín	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://onlinelibrary.wiley.com/doi/10.1111/jcpp.12472 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
2	Giai đoạn thời gian thực & cảnh báo sớm	real-time disease surveillance; early warning system;	Chín	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
3	GIS: bản đồ, phân tích không gian-thời gian, hotspot detection	GIS for disease surveillance; spatial-temporal analysis; spatio-temporal analysis; spatial clustering disease	Mìn	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
4	Hỗ trợ bùn đồ, visualization, dashboard	interactive dashboard; GIS dashboard	Minh	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
5	Cảnh báo vùng nguy cơ & push notification / proximity alert	pushing notifications	Mìn	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
6	Kết trúc hệ thống, backend realtime, data pipeline	real-time data pipeline	Dai	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
7	Privacy data quality, metrics, validation	microservices disease surveillance; data quality reporting; data quality validation	Dai	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
8	Thuật toán phát hiện ổ dịch / cảnh báo	anomaly detection epidemiological data; outbreak detection algorithms; outbreak detection system	Dai	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
9	Lĩnh vực ứng dụng & public health informatics	public health informatics;	Chín	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf	https://journals.sagepub.com/doi/10.1177/1752292721104374 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12421948/pdf/12421948.pdf
10		contact tracing			
11		wastewater-based epidemiology			
12					
13					
14					