Database(s): **Embase**1974 to 2019 November 01 via Ovid  
Search Strategy:

|  |  |  |
| --- | --- | --- |
| **#** | **Searches** | **Results** |
| 1 | conversational agent\*.tw. | 89 |
| 2 | conversational bot\*.tw. | 1 |
| 3 | conversational system\*.tw. | 12 |
| 4 | chatbot\*.tw. | 76 |
| 5 | chat bot\*.tw. | 23 |
| 6 | chatterbot\*.tw. | 0 |
| 7 | chatter bot\*.tw. | 0 |
| 8 | chat-bot\*.tw. | 23 |
| 9 | smartbot\*.tw. | 2 |
| 10 | smart-bot\*.tw. | 9 |
| 11 | smart bot\*.tw. | 9 |
| 12 | relational agent\*.tw. | 13 |
| 13 | dialog system.tw. | 16 |
| 14 | dialog agent.tw. | 0 |
| 15 | agent-based system.tw. | 26 |
| 16 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 | 251 |
| 17 | limit 16 to english language | 245 |
| 18 | limit 17 to exclude medline journals | 27 |

Database(s): **MEDLINE(R)**via EBSCO

|  |  |  |
| --- | --- | --- |
| **#** | **Searches** | **Results** |
| S18 | limit 16 to English language | 597 |
| S17 | S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S16 | 604 |
| S16 | AB "agent-based system\*" | 28 |
| S15 | AB "dialog agent\*" | 1 |
| S14 | AB "dialog system\*" | 17 |
| S13 | AB "relational agent\*" | 13 |
| S12 | AB "smart-bot\*" | 4 |
| S11 | AB "smart bot\*" | 4 |
| S10 | AB "smartbot\*" | 1 |
| S9 | AB "chat-bot\*" | 14 |
| S8 | AB "chatter-bot\*" | 0 |
| S7 | AB "chatter bot\*" | 0 |
| S6 | AB chatterbot\* | 0 |
| S5 | AB chat bot\* | 423 |
| S4 | AB chatbot\* | 52 |
| S3 | AB "conversational system\*" | 7 |
| S2 | AB "conversational bot\*" | 1 |
| S1 | AB "conversational agent\*" | 79 |

Database(s): **CINHAL** via EBSCO

|  |  |  |
| --- | --- | --- |
| **#** | **Query** | **Results** |
| S18 | limit 16 to English language | 153 |
| S17 | S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 | 153 |
| S16 | AB "agent-based system\*" | 4 |
| S15 | AB "dialog agent\*" | 0 |
| S14 | AB "dialog system\*" | 4 |
| S13 | AB "relational agent\*" | 5 |
| S12 | AB "smart-bot\*" | 0 |
| S11 | AB "smart bot\*" | 0 |
| S10 | AB "smartbot\*" | 1 |
| S9 | AB "chat-bot\*" | 6 |
| S8 | AB "chatter-bot\*" | 0 |
| S7 | AB "chatter bot\*" | 0 |
| S6 | AB chatterbot\* | 0 |
| S5 | AB chat bot\* | 29 |
| S4 | AB chatbot\* | 73 |
| S3 | AB "conversational system\*" | 2 |
| S2 | AB "conversational bot\*" | 0 |
| S1 | AB "conversational agent\*" | 50 |

Database(s): **PsycINFO via OVID**1806 to October Week 4 2019  
Search Strategy:

|  |  |  |
| --- | --- | --- |
| **#** | **Searches** | **Results** |
| 1 | conversational agent\*.tw. | 191 |
| 2 | conversational bot\*.tw. | 1 |
| 3 | conversational system\*.tw. | 18 |
| 4 | chatbot\*.tw. | 51 |
| 5 | chat bot\*.tw. | 14 |
| 6 | chatterbot\*.tw. | 8 |
| 7 | chatter bot\*.tw. | 1 |
| 8 | chat-bot\*.tw. | 14 |
| 9 | smartbot\*.tw. | 1 |
| 10 | smart-bot\*.tw. | 1 |
| 11 | smart bot\*.tw. | 1 |
| 12 | relational agent\*.tw. | 22 |
| 13 | dialog system.tw. | 48 |
| 14 | dialog agent.tw. | 4 |
| 15 | agent-based system.tw. | 17 |
| 16 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 | 346 |
| 17 | limit 16 to english language | 324 |

|  |  |  |
| --- | --- | --- |
| **Databases** | **Search strings** | **Hit** |
| **ACM digital Library** | (("conversational agent\*" OR "conversational bot" OR "conversational bots" OR "conversational system\*" "chatbot\*" OR "chat bot" OR "chat bots" OR "chat-bot" OR "chat-bots" OR "smartbot" OR "smartbots" OR "smart bot" OR "smart bot" OR "smart-bot" OR "smart-bots" OR "relational agent" OR "relational agents" OR "agent based system" OR "agent based systems") AND (+Health Disorder\* Disease\* well-being illness medical medicine patient patients) | 68 |
| **IEEE Xplore** | (("Abstract":"conversational agent\*" OR "conversational bot" OR "conversational bots" OR "conversational system\*" OR "chatbot\*" OR "chat bot" OR "chat bots" OR "chat-bot" OR "chat-bots" OR "smartbot" OR "smartbots" OR "smart bot" OR "smart bot" OR "smart-bot" OR "smart-bots" OR "relational agent" OR "relational agents" OR "agent based system" OR "agent based systems") AND ("Full Text Only":Health OR Disorder\* OR Disease\* OR well-being OR illness OR medical OR medicine OR patient OR patients)) | 229 |
| **Google Scholar** | ((“conversational agent\*” OR “conversational bot\*” OR "conversational system\*" OR “conversational interface\*” OR “chatbot\*” OR “chat bot\*” OR “chat-bot\*”) AND (Health OR Disorder\* OR Disease\* OR patient\* OR illness OR medical) | 100 |