*Supplement A: Search string and number of citations per database*

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| --- | --- | --- | --- |
| **Database** | **Search string** | **Date** | **Number of citations** |
| PubMed | (("multi-criteri\* decision\*"[Title/Abstract] OR "multicriteri\* decision\*"[Title/Abstract] OR "multiple criteri\* decision\*"[Title/Abstract] OR "multicriteri\* analysis"[Title/Abstract] OR "MCDM"[Title/Abstract] OR "MCDA"[Title/Abstract] OR "multi objective optim\*"[Title/Abstract] OR "analytical hierarchy process"[Title/Abstract] OR "multi-attribute utility"[Title/Abstract] OR "weighted product method"[Title/Abstract] OR "technique for order preference by similarity to ideal solution"[Title/Abstract] OR "preference ranking organization method for enrichment evaluation"[Title/Abstract] OR "PROMETHEE"[Title/Abstract] OR "MACBETH"[Title/Abstract])  AND  ("health emergenc\*"[Title/Abstract] OR "health hazard\*"[Title/Abstract] OR "health crises\*"[Title/Abstract] OR "health countermeasure\*"[Title/Abstract] OR "pandemic\*"[Title/Abstract] OR "epidemic\*"[Title/Abstract] OR "outbreak\*"[Title/Abstract] OR "infectious disease\*"[Title/Abstract] OR "disaster\*"[Title/Abstract] OR "earthquake\*"[Title/Abstract] OR "flood\*"[Title/Abstract] OR "tsunami\*"[Title/Abstract] OR "storm\*"[Title/Abstract] OR "drought\*"[Title/Abstract] OR "wild fire\*"[Title/Abstract] OR "war"[Title/Abstract] OR "conflict\*"[Title/Abstract] OR "civil unrest\*"[Title/Abstract] OR "terrorism"[Title/Abstract] OR "mass casualty incident\*"[Title/Abstract] OR "MCI"[Title/Abstract])  AND  ("response"[Title/Abstract] OR "management"[Title/Abstract] OR "prioritisation"[Title/Abstract] OR "prioritization"[Title/Abstract] OR "priority setting"[Title/Abstract] OR "decision support"[Title/Abstract]))  AND ("2004"[Date - Publication] : "2024"[Date - Publication]) | 23 May 2024 | 352 |
| Scopus | ( TITLE-ABS-KEY ( "multi criteri\* decision\*" OR "multicriteri\* decision\*" OR "multiple criteri\* decision\*" OR "multicriteri\* analysis" OR "MCDM" OR "MCDA" OR "multi objective optim\*" OR "analytical hierarchy process" OR "multi-attribute utility" OR "weighted product method" OR "technique for order preference by similarity to ideal solution" OR "preference ranking organization method for enrichment evaluation" OR "PROMETHEE" OR "MACBETH" ) AND TITLE-ABS-KEY ( "health emergenc\*" OR "health hazard\*" OR "health crises\*" OR "health countermeasure\*" OR "pandemic\*" OR "epidemic\*" OR "outbreak\*" OR "infectious disease\*" OR "disaster\*" OR "earthquake\*" OR "flood\*" OR "tsunami\*" OR "storm\*" OR "drought\*" OR "wild fire\*" OR "war" OR "conflict\*" OR "civil unrest\*" OR "terrorism" OR "mass casualty incident\*" OR "MCI" ) AND TITLE-ABS-KEY ( "response" OR "management" OR "prioritisation" OR "prioritization" OR "priority setting" OR "decision support" ) ) AND PUBYEAR > 2003 AND PUBYEAR < 2025 AND ( LIMIT-TO ( DOCTYPE , "ar" ) ) | 20 May 2024 | 4169 |
| Web of since | (TS=("multi criteri\* decision\*" OR "multicriteri\* decision\*" OR "multiple criteri\* decision\*" OR "multicriteri\* analysis" OR "MCDM" OR "MCDA" OR "multi objective optim\*" OR "analytical hierarchy process" OR "multi-attribute utility" OR "weighted product method" OR "technique for order preference by similarity to ideal solution" OR "preference ranking organization method for enrichment evaluation" OR "PROMETHEE" OR "MACBETH")  AND  TS=("health emergenc\*" OR "health hazard\*" OR "health crises\*" OR "health countermeasure\*" OR "pandemic\*" OR "epidemic\*" OR "outbreak\*" OR "infectious disease\*" OR "disaster\*" OR "earthquake\*" OR "flood\*" OR "tsunami\*" OR "storm\*" OR "drought\*" OR "wild fire\*" OR "war" OR "conflict\*" OR "civil unrest\*" OR "terrorism" OR "mass casualty incident\*" OR "MCI")  AND  TS=("response" OR "management" OR "prioritisation" OR "prioritization" OR "priority setting" OR "decision support"))  AND  PY=(2004-2024)  AND TS=("health emergenc\*" OR "health hazard\*" OR "health crises\*" OR "health countermeasure\*" OR "pandemic\*" OR "epidemic\*" OR "outbreak\*" OR "infectious disease\*" OR "disaster\*" OR "earthquake\*" OR "flood\*" OR "tsunami\*" OR "storm\*" OR "drought\*" OR "wild fire\*" OR "war" OR "conflict\*" OR "civil unrest\*" OR "terrorism" OR "mass casualty incident\*" OR "MCI")  AND PY=(2004-2024) | 24 May 2024 | 3373 |