

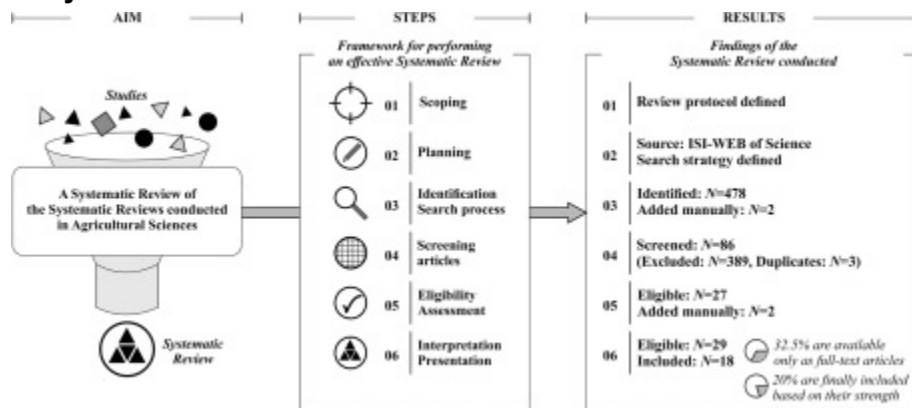
## Implementing cybersecurity tools in the reduction of cyberbullying

### [Grammarly Lit Review Guide](#)

#### Introduction:

- Define bullying
  - (Tsapatsoulis, et al, 2019) provides good definition
- Define cyberbullying
- Outline the problem that sets the foundation for a solution (what is being done to combat or analyze cyberbullying)
  - Example of high profile cyberbully case
- Type of review being carried out to address or review the problem outlined above
  - Systematic review of extracted information from selected literature

#### Body:



Following (Koutsos, Menexes and Dordas, 2019) framework on systematic review

- 3 Phases of Review
  - a. Planning the review
    - Scope
      - Define Research Question(s)
        - What types of cyberbullying are prevalent?
        - What are the impacts of cyberbullying
        - What tools are being implemented to combat cyberbullying?
        - What are the challenges to detect and combat cyberbullying?
    - Identify, analyze, extract and synthesize data surrounding studies
      - Search methodology
        - <https://scholar.google.com>

- U of Essex Online Library
  - IEEE
  - Science Direct
  - ResearchGate
- Select articles at random
- Base search string applied on parsif.al
 

```
("Cyber security" OR "cybersecurity") AND
      ("tools" OR "methods" OR "methodology" OR "study"
      OR "review" OR "case study" OR "impacts") AND
      ("cyberbully" OR "cyber bully" OR "bully" OR
      "cyberbullying")
```

- Data Sources
  - Primary academic
  - Gray sources will not be included in review, but may be drawn on for referenced examples
- Selection Criteria
  - Define Criteria for Inclusion
    - Academically sourced
    - Cybersecurity applied to cyberbullying
    - Published in English
  - Define Criteria for Exclusion
    - Whitepaper or technical piece
    - Gray sources
    - Summary of events (conference or otherwise)
    - Pre-2010

b. Conducting the review

- Play around with parsif.al for data extraction through defined search strings
  - Pulls article information from selected databases
  - Parsif.al use will be primarily for planning and search string refinement. Use can be outlined in lit review appendix
  - Critical analysis of literature selections discussing themes that might answer research questions
    - Current body of literature
    - 15 Articles Selected

c. Reporting the review

- Document and provide graphical analysis of relationships between articles

**Conclusion:**

- Summarize objectives by reiterating the primary research question
  - Summarize how we came about answering this question

- Summarize the findings of the review of available literature

## **References:**

Koutsos, T.M., Menexes, G.C. and Dordas, C.A. (2019). An efficient framework for conducting systematic literature reviews in agricultural sciences. *Science of The Total Environment*, 682, pp.106–117. Available at: <https://pubmed.ncbi.nlm.nih.gov/31108265/> [Accessed 9 Feb. 2022].

Kramer, L. (2021). *How to Write a Stellar Literature Review*. How to Write a Stellar Literature Review | Grammarly Blog. Available at: [https://www.grammarly.com/blog/literature-review/?gclid=Cj0KCQiAxoiQBhCRARIsAPsvo-zQ-XXJRWOMtnRMG0y6aeYViVAa04ii\\_fNQkb4q8C\\_EdFswk8Y9DalaAsYIEALw\\_wcB&gclsrc=aw.ds](https://www.grammarly.com/blog/literature-review/?gclid=Cj0KCQiAxoiQBhCRARIsAPsvo-zQ-XXJRWOMtnRMG0y6aeYViVAa04ii_fNQkb4q8C_EdFswk8Y9DalaAsYIEALw_wcB&gclsrc=aw.ds) [Accessed 16 Feb. 2022].