

SUPPL 1**1. Database - SEARCH TERMS**

Pandemic search terms

Time frame: 2019 to 2022

(TITLE-ABS-KEY ("evidence based" AND "policy")) OR (TITLE-ABS-KEY ("evidence informed" AND "policy")) OR (TITLE-ABS-KEY ("evidence led" AND "policy")) OR (TITLE-ABS-KEY ("science and policy" OR "science in policy" OR "science to policy")) OR (TITLE-ABS-KEY ("science and governance" OR "science in governance" OR "science to governance")) AND (PUBYEAR > 2019 AND PUBYEAR < 2023) AND ("COVID" OR "SARS") AND (LIMIT-TO (DOCTYPE , "ar") OR LIMIT-TO (DOCTYPE , "re") OR LIMIT-TO (DOCTYPE , "ch")) AND (LIMIT-TO (PUBSTAGE , "final"))

Language exclusion

The language returns are:

Language	Number of Articles
English	1684
Spanish	9
Portuguese	7
Chinese	6
German	4
Italian	3
Russian	3
French	1
Hungarian	1
Persian	1
Ukrainian	1

36 articles excluded on language.

Residual questions Categories**Categories****1. First level**

- **Clinical**

Treatment, diagnosis, clinical management, hospitalization, screening

- **Societal/Public Health**

Interventions, acceptability, perceptions, impact of pandemic, behavior, surveillance

- **Economic**

Monetary effects of lockdowns; unemployment; poverty; growth;

- **Policy / Governance**

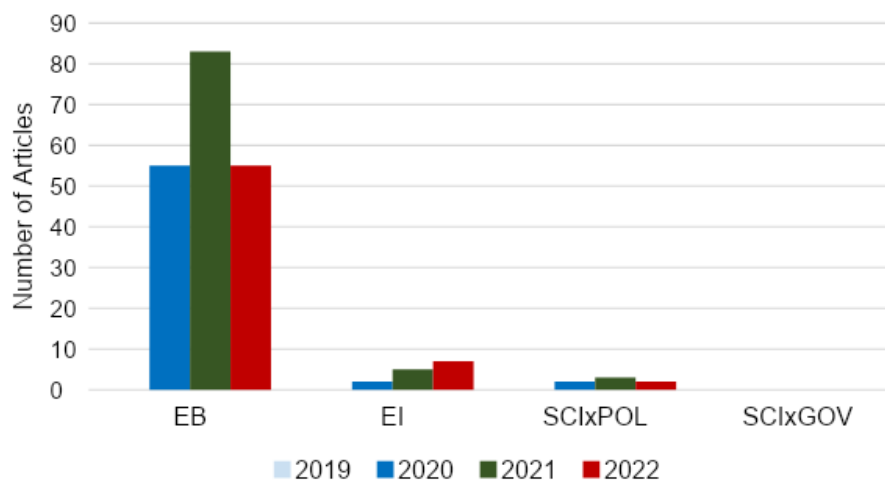
Laws, policy instruments,

- **Technology / technical**

Software, applications, methods, techniques, innovations,

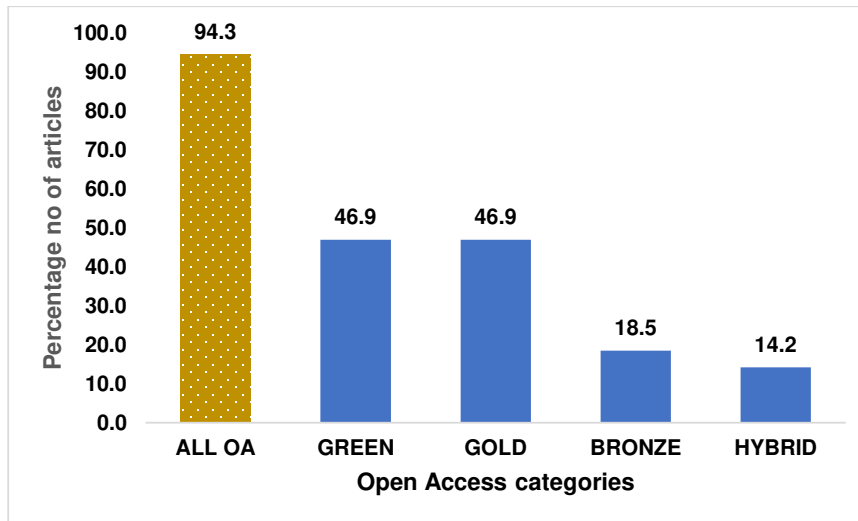
2. Second level

- General Research- Residual questions addressing public health issues including social, economic and technological
- Policy related research- Residual questions aimed at facilitating or improving policy making processes and/ or identifying policy gaps/ needs

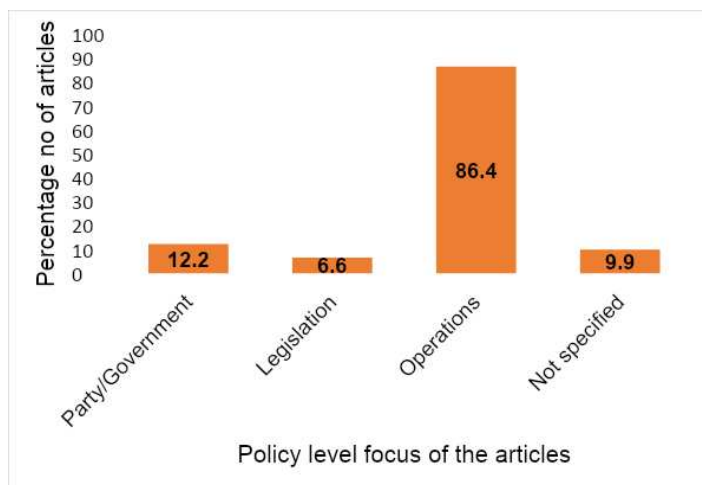


Suppl 1, Fig 1: Number of COVID pandemic policy relevant articles through time using EB – Evidence-based policy; EI – Evidence-informed policy; SP – Science in/and/to policy; SG – Science in/and/to governance. “Evidence based” AND “policy” identified 90.2% of articles,

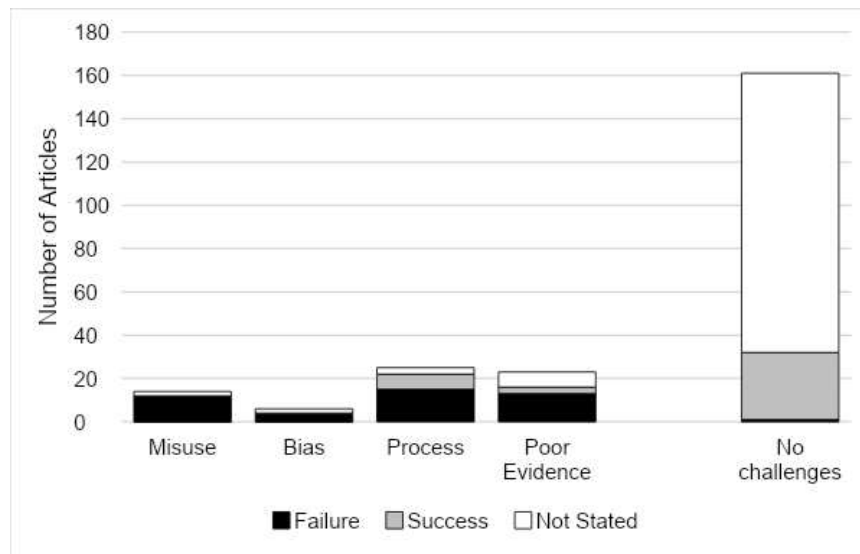
“evidence informed” AND “policy” 6.5% and “science and policy” 3.3%; the search terms “evidence led” AND “policy” and “science and governance” did not detect any of the 213 articles



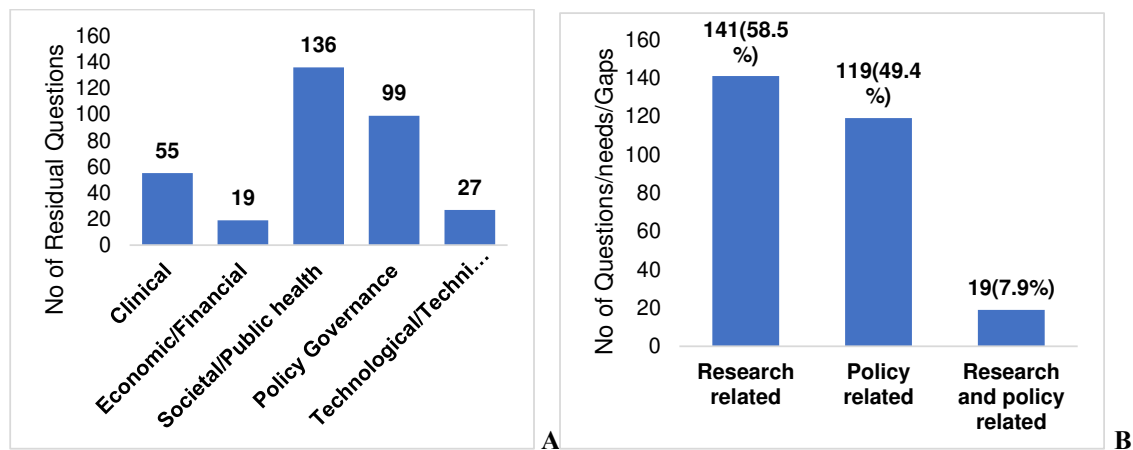
Suppl 1, Fig 2: Open access availability of available COVID-19 literature. Note that an article can have more than one OA categories.



Suppl 1, Fig 3: Distribution of evidence according to the policy level focus



Suppl 1, Fig 4: Authors' stated challenges to COVID pandemic policy development or implementation. Note that multiple challenges were often stated by authors.



Suppl 1, Fig 5: A; Categorization of residual questions on the area of policy focus

B; Categorization of the residual questions on the area of research focus