**Table S2:**

**Complex and Simple search strings.**

The Complex search strings were used on *Scopus* database and on the platform *Web of Science* to collect the scientific literature analyzed in the Systematic Map. The Simple search string was used on Google Scholar where the first 100 results were analyzed.

| **Search Strings** | **Date** | **Scopus** | **WoS** |
| --- | --- | --- | --- |
| **Complex Search String** |  |  |  |
| TITLE-ABS-KEY(("hydrothermal\*" OR "emission\*" OR "volcan\*" OR "plume\*" OR "vent\*" OR "seep\*" OR "eruption\*" OR "acidification" OR "carbon dioxide" OR "pH" OR "CO2" OR "CCS") AND ("sea" OR "ocean" OR "marine") AND ("mediterranean")) AND (LIMIT-TO(LANGUAGE, "English")) | 24/05/2022 | 5,472 |  |
| TS=((hydrothermal\* OR emission\* OR volcan\* OR plume\* OR vent\* OR seep\* OR eruption\* OR acidification OR carbon dioxide OR pH OR CO2 OR CCS) AND (sea OR ocean OR marine) AND ("mediterranean")) (limited to English language) | 27/05/2022 |  | 4,838 |
|  |  |  |  |
| **Projects** |  |  |  |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2009 AND FUND-ALL("BIOACID") | 27/05/2022 | 1 |  |
| TS=(mediterranean) AND PY =(2009-2022) AND FT=(BIOACID) | 27/05/2022 |  | 5 |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2007 AND FUND-ALL("EPOCA") | 27/05/2022 | 19 |  |
| TS=(mediterranean) AND PY =(2007-2022) AND FT=(EPOCA) | 27/05/2022 |  | 32 |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2005 AND FUND-ALL("hermes") | 27/05/2022 | 112 |  |
| TS=(mediterranean) AND PY =(2005-2022) AND FT=(HERMES) | 27/05/2022 |  | 170 |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2009 AND FUND-ALL("hermione") | 27/05/2022 | 111 |  |
| TS=(mediterranean) AND PY =(2009-2022) AND FT=(HERMIONE) | 27/05/2022 |  | 201 |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2010 AND FUND-ALL("medsea") | 27/05/2022 | 66 |  |
| TS=(mediterranean) AND PY =(2010-2022) AND FT=(MEDSEA) | 27/05/2022 |  | 109 |
| TITLE-ABS-KEY("mediterranean") AND PUBYEAR AFT 2013 AND FUND-ALL("midas") | 27/05/2022 | 16 |  |
| TS=(mediterranean) AND PY =(2013-2022) AND FT=(MIDAS) | 27/05/2022 |  | 16 |
|  |  |  |  |
| **Simple Search String (search on 27/05/2022) on Google Scholar** |  |  |  |
| "hydrothermal vent" AND "mediterranean" | | | |