**Appendix 2: Search strings**

Database(s): IEEE Xplore, Pubmed, Scopus and Google Scholar.

Years: 2017-2022

Search dates: 21 December 2022

Initial raw search results: 314

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| --- | --- | --- |
| **Database** | **Search strategy** | **Hits** |
| IEEExplore | ((Transformer) OR (Vision Transformer)) AND ((Lung Cancer) OR (lung nodule) OR (carcinoma) OR (Adenocarcinoma) OR (Pancoast) OR (Carcinoid)) | 19 |
| Pubmed | ((Transformer) OR (Vision Transformer)) AND ((Lung Cancer) OR (lung nodule) OR (carcinoma) OR (Adenocarcinoma) OR (Pancoast) OR (Carcinoid)) | 49 |
| Scopus | TITLE-ABS-KEY ( ( ( transformer )  OR  ( vision  AND  transformer ) )  AND  ( ( lung  AND  cancer )  OR  ( lung  AND  nodule )  OR  ( carcinoma )  OR  ( adenocarcinoma )  OR  ( pancoast )  OR  ( carcinoid ) ) )  AND  ( LIMIT-TO ( PUBYEAR ,  2023 )  OR  LIMIT-TO ( PUBYEAR ,  2022 )  OR  LIMIT-TO ( PUBYEAR ,  2021 )  OR  LIMIT-TO ( PUBYEAR ,  2020 )  OR  LIMIT-TO ( PUBYEAR ,  2019 )  OR  LIMIT-TO ( PUBYEAR ,  2018 ) ) | 96 |
| Google Scholar | ((Transformer) OR (Vision Transformer)) AND ((Lung Cancer) OR (lung nodule) OR (carcinoma) OR (Adenocarcinoma) OR (Pancoast) OR (Carcinoid)) | 150 |