**Search Strategy**

**1)Research Question**

How Face Presentation Attack Detection (PAD) achieved success using Face Anti-spoofing Datasets?

Key words: Face Presentation Attack Detection(PAD), Face Presentation Attack Detection(PAD) using Anti-spoofing Datasets.

By using Face Presentation Attack Detection(PAD), got 24200 results in google scholar and in IEEE Xplore 1150 results. For another keyword Face Presentation Attack Detection(PAD) using Anti-spoofing Datasets narrowed to 4190 results. No results for IEEE Xplore.

**Inclusive and Exclusive Criteria**

By using publication language English and peer reviewed sources yields to 1470 results. By directly related to question it yields to 279 results. For sorting the publication date inclusive criteria, it narrowed to 85 results.

**2) Research Question**

How Multi-modal Face Presentation Attack can be detected?

Keywords: Multi-modal Face Presentation attack detection

In searching for literature using keyword Multi-modal Face Presentation attack detection using google scholar, it yields to 15200 results.

**Inclusive and exclusive criteria**

By using publication language English and peer reviewed sources yields to 77 results in google scholar. From directly related to research question it narrowed to 34 results.