

Details of search string for each database:**PubMed:**

("Heart failure with preserved ejection fraction" OR "Heart Failure, Diastolic"[Mesh]) AND (thyroid* OR "thyroid gland" OR "Thyroid Gland"[Mesh] OR "Thyroid Hormones"[Mesh] OR "T4 hormone" OR "levothyroxine" OR tetraiodothyronine OR t3 OR triiodothyronine OR t4 OR thyroxine OR tyroxine OR "T3 hormone" OR triiodothyronine OR liothyronin OR liothyronine OR lyothyronin OR lyothyronine OR t3 OR triiodothyronin OR hypothyroidism OR hyperthyroidism)

Scopus:

"Heart failure with preserved ejection fraction" AND (thyroid* OR "thyroid gland" OR "T4 hormone" OR "levothyroxine" OR tetraiodothyronine OR t3 OR triiodothyronine OR t4 OR thyroxine OR tyroxine OR "T3 hormone" OR triiodothyronine OR liothyronin OR liothyronine OR lyothyronin OR lyothyronine OR t3 OR triiodothyronin OR hypothyroidism OR hyperthyroidism)

Embase:

'Heart failure with preserved ejection fraction' AND (thyroid* OR 'thyroid gland' OR 'T4 hormone' OR 'levothyroxine' OR tetraiodothyronine OR t3 OR triiodothyronine OR t4 OR thyroxine OR tyroxine OR 'T3 hormone' OR triiodothyronine OR liothyronin OR liothyronine OR lyothyronin OR lyothyronine OR t3 OR triiodothyronin OR hypothyroidism OR hyperthyroidism)

Web of Science:

"Heart failure with preserved ejection fraction" AND (thyroid* OR "thyroid gland" OR "T4 hormone" OR "levothyroxine" OR tetraiodothyronine OR t3 OR triiodothyronine OR t4 OR thyroxine OR tyroxine OR "T3 hormone" OR triiodothyronine OR liothyronin OR liothyronine OR lyothyronin OR lyothyronine OR t3 OR triiodothyronin OR hypothyroidism OR hyperthyroidism)

ProQuest:

"Heart failure with preserved ejection fraction" AND (thyroid* OR "thyroid gland" OR "T4 hormone" OR "levothyroxine" OR tetraiodothyronine OR t3 OR triiodothyronine OR t4 OR thyroxine OR tyroxine OR "T3 hormone" OR triiodothyronine OR liothyronin OR liothyronine OR lyothyronin OR lyothyronine OR t3 OR triiodothyronin OR hypothyroidism OR hyperthyroidism)