

Supplement 1. Search terms

Pubmed

```
(((((lycopene[Title]) AND (cancer[Title]))) NOT ('Meta-analysis'[Publication Type] OR review[Publication Type] OR 'systematic review'[Publication Type]) ) NOT ('Meta-analysis'[Title] OR Review'[Title] OR 'Systematic review'[Title])) Filters: Full text, Humans
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and for animal research

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(((((lycopene[Title]) AND (cancer[Title]))) NOT ('Meta-analysis'[Publication Type] OR review[Publication Type] OR 'systematic review'[Publication Type]) ) NOT ('Meta-analysis'[Title] OR Review'[Title] OR 'Systematic review'[Title])) Filters: Other Animals
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Scopus

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TITLE(lycopene AND cancer) AND ( LIMIT-TO ( DOCTYPE,"ar" ) OR LIMIT-TO ( DOCTYPE,"cp" ) ) AND ( LIMIT-TO ( LANGUAGE,"English" ) )
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Web of science

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cancer AND lycopene (Title) and Article OR Data Paper (Document Type) not Database Review OR Editorial Material OR Review (Document Type) and English (Language)
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