Supplementary File S1. Search strings carried out for this scoping review.

Database	Results
PubMed Search: ((((Cancer risk) AND (Inflammation)) AND (Metabolic syndrome)) AND (Oncogenesis)) AND (Oxidative stress) ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) AND ("risk"[MeSH Terms] OR "risk"[All Fields]) AND ("inflammation"[MeSH Terms] OR "inflammation"[All Fields] OR "inflammations"[All Fields] OR "inflammation s"[All Fields]) AND ("metabolic syndrome"[MeSH Terms] OR ("metabolic"[All Fields] AND "syndrome"[All Fields]) OR "metabolic syndrome"[All Fields]) AND ("carcinogenesis"[MeSH Terms] OR "carcinogenesis"[All Fields] OR "oncogenesis"[All Fields]) AND ("oxidative stress"[MeSH Terms] OR ("oxidative"[All Fields] AND "stress"[All Fields]) OR "oxidative stress"[All Fields]) Translations Cancer: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields] risk: "risk"[MeSH Terms] OR "risk"[All Fields] Inflammation: "inflammation"[MeSH Terms] OR "inflammation"[All Fields] OR "inflammations"[All Fields] OR "inflammation's"[All Fields] Metabolic syndrome: "metabolic syndrome"[MeSH Terms] OR ("metabolic"[All Fields] AND "syndrome"[All Fields]) OR "metabolic syndrome"[All Fields] Oncogenesis: "carcinogenesis"[MeSH Terms] OR "carcinogenesis"[All Fields] OR "oncogenesis"[All Fields] Oxidative stress: "oxidative stress"[MeSH Terms] OR ("oxidative"[All Fields] AND "stress"[All Fields]) OR "oxidative stress"[All Fields]	8
EMBASE ('cancer risk'/exp OR 'cancer risk') AND ('inflammation'/exp OR 'inflammation') AND ('metabolic syndrome'/exp OR 'metabolic syndrome') AND ('oncogenesis'/exp OR 'oncogenesis') AND ('oxidative stress'/exp OR 'oxidative stress')	33
Scopus "Cancer Risk" AND "Inflammation" AND "Metabolic syndrome" AND "Oncogenesis" AND "Oxidative Stress"	2
Web of Science cancer risk (All Fields) and inflammation (All Fields) and metabolic syndrome (All Fields) and oncogenesis (All Fields) and oxidative stress (All Fields)	1