

Appendix: Search Strategies

Multiple Chemical Sensitivity Scoping Review Protocol

PubMed

"multiple chemical sensitivity"[MeSH Terms] OR ("multiple"[Title/Abstract] AND "chemical"[Title/Abstract] AND "sensitivity"[Title/Abstract]) OR "multiple chemical sensitivity"[Title/Abstract] OR ("multiple"[Title/Abstract] AND "chemical"[Title/Abstract] AND "sensitivities"[Title/Abstract]) OR "multiple chemical sensitivities"[Title/Abstract] OR "MCS syndrome"[Title/Abstract] OR "chemical intolerance"[Title/Abstract] OR "chemically intolerant"[Title/Abstract] OR "chemical hypersensitivity"[Title/Abstract] OR "chemical AIDS"[Title/Abstract] OR "chemical sensitivity disorder"[Title/Abstract] OR "chemical sensitivity syndromes"[Title/Abstract] OR "chemophobia"[Title/Abstract] OR "environmental chemical odor intolerance"[Title/Abstract] OR "sensitivity to environmental chemicals"[Title/Abstract] OR ("chemical"[Title/Abstract] AND "environmental illness"[Title/Abstract]) OR "chemically induced environmental illnesses"[Title/Abstract] OR "total allergy syndrome"[Title/Abstract] OR "twentieth century disease"[Title/Abstract] OR "20th century disease"[Title/Abstract] OR "building-related illness"[Title/Abstract] OR "toxicant induced loss of tolerance"[Title/Abstract] OR "Toxicant-Induced Loss of Tolerance"[Title/Abstract] OR "mast cell activation syndrome"[Title/Abstract] OR "idiopathic environmental intolerance"[Title/Abstract] OR "idiopathic environmental intolerances"[Title/Abstract] OR "idiopathic environmental illness"[Title/Abstract] OR "symptoms associated with environmental factors"[Title/Abstract]

Limit: English language

Agricultural & Environmental Science Collection

(noft("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome") OR noft("chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia") OR noft("environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses") OR noft("total allergy syndrome") OR noft("twentieth century disease" OR "20th century disease" OR "building-related illness") OR noft("toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance") OR noft("mast cell activation syndrome") OR noft("idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" OR "symptoms associated with environmental factors"))

AND

(stpe.exact("Scholarly Journals" OR "Other Sources" OR "Reports"))

AND

la.exact("ENG"))

BIOSIS

"multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" (Topic) OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" (Topic) OR "environmental chemical odor intolerance" OR "sensitivity to

environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" (Topic) OR "total allergy syndrome" (Topic) OR "twentieth century disease" OR "20th century disease" OR "building-related illness" (Topic) OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" (Topic) OR "mast cell activation syndrome" (Topic) OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" (Topic) OR "symptoms associated with environmental factors" (Topic)

AND Article (Document Types)

AND English (Languages)

CINAHL

TI ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness") OR SU ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR

"chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness") OR AB ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" OR "symptoms associated with environmental factors")

AND

English language

Current Contents

"multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR

"chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" (Topic) OR "symptoms associated with environmental factors" (Topic) and English (Language) and Article or Review Article or Correction (Document Types)

EMBASE

('multiple chemical sensitivity':ti,ab,kw OR 'multiple chemical sensitivities':ti,ab,kw OR 'mcs syndrome':ti,ab,kw OR 'chemical intolerance':ti,ab,kw OR 'chemically intolerant':ti,ab,kw OR 'chemical hypersensitivity':ti,ab,kw OR 'chemical aids':ti,ab,kw OR 'chemical sensitivity disorder':ti,ab,kw OR 'chemical sensitivity syndromes':ti,ab,kw OR 'chemophobia':ti,ab,kw OR 'environmental chemical odor intolerance':ti,ab,kw OR 'sensitivity to environmental chemicals':ti,ab,kw OR ('chemical':ti,ab,kw AND 'environmental illness':ti,ab,kw) OR 'chemically induced environmental illnesses':ti,ab,kw OR 'total allergy syndrome':ti,ab,kw OR 'twentieth century disease':ti,ab,kw OR '20th century disease':ti,ab,kw OR 'building-related illness':ti,ab,kw OR 'toxicant induced loss of tolerance':ti,ab,kw OR 'toxicant-induced loss of

tolerance':ti,ab,kw OR 'mast cell activation syndrome':ti,ab,kw OR 'idiopathic environmental intolerance':ti,ab,kw OR 'idiopathic environmental intolerances':ti,ab,kw OR 'idiopathic environmental illness':ti,ab,kw OR symptoms associated with environmental factors':ti,ab,kw)

AND

english:la

AND

('article'/it OR 'review'/it)

Environment Index

TI ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness") OR SU ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental

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AND

English language

Environmental Science

(noft("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental

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And

Source Type: Reports, Scholarly Journals, Working Papers

AND

Language: English

Healthcare Administration

noft("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic

environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" OR "symptoms associated with environmental factors")Limits applied

AND

Source type: Reports, Scholarly Journals

AND

Language: English

HERO

"multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" OR "symptoms associated with environmental factors"

AND

Language: English

PsycINFO

(noft("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome") OR noft("chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR

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AND

(la.exact("ENG"))

AND

styp.e.exact("Scholarly Journals"))

SciFinder

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AND

English language

AND

Exclude: Patent, Book, Commentary, Conference, Dissertation, Editorial, Letter

SCOPUS

(TITLE-ABS-KEY ("multiple chemical sensitivity" OR "multiple chemical sensitivities" OR "MCS syndrome" OR "chemical intolerance" OR "chemically intolerant" OR "chemical hypersensitivity" OR "chemical AIDS" OR "chemical sensitivity disorder" OR "chemical sensitivity syndromes" OR "chemophobia" OR "environmental chemical odor intolerance" OR "sensitivity to environmental chemicals" OR ("chemical" AND "environmental illness") OR "chemically induced environmental illnesses" OR "total allergy syndrome" OR "twentieth century disease" OR "20th century disease" OR "building-related illness" OR "toxicant induced loss of tolerance" OR "Toxicant-Induced Loss of Tolerance" OR "mast cell activation syndrome" OR "idiopathic environmental intolerance" OR "idiopathic environmental intolerances" OR "idiopathic environmental illness" OR "symptoms associated with environmental factors")

AND

(LIMIT-TO (DOCTYPE, "ar") OR LIMIT-TO (DOCTYPE, "re"))

AND

(LIMIT-TO (LANGUAGE, "English"))

Web of Science

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environmental illness" OR "symptoms associated with environmental factors" (Topic)

AND

English (Language)

AND

Article or Review Article (Document Types)