

Aggregators and Preprint Repositories	Boolean operators	Nesting brackets	Truncation	Wildcards	Exact phrase or Proximity searching	Search fields	Filters (post-query refinement)	Exporting (bulk and single)	Additional Notes
Europe PMC Limit to preprints in Advanced search or after a search using the filters	AND OR NOT Note: Must be upper case	Yes	* Replaces any number of characters. Can be used within a word or at the end of a root word. Example 1: Librar* Example 2: librar*s	Not available. Use the truncation operator within a word instead.	Phrase: Yes – requires double quotation marks Example: “pet therapy” Note: Cannot use truncation inside quotation marks Proximity: Not available	Many different search fields. See complete list here TITLE: ABSTRACT: TITLE_ABS: KW: Note: Field tags cannot be used outside brackets and should be applied to each term.	- Source (where Preprint is an option) - Date or date range	Single export: Yes via “add to export list” Bulk export: Yes (up to 50,000) including abstracts in the following formats: RIS, BIBTEX, XML, Excel CSV	Europe PMC includes preprints from 30 different preprint servers including arXiv, ChemRxiv, bioRxiv, MedRxiv, SciELO preprints, PeerJ Preprints, SSRN, Preprints.org, Research Square. Complete list can be found here . It has advanced search functionality similar to a database. See their Syntax guide Note: Unbalanced parenthesis will cause the search to return with no search results.
Web of Science Preprint Citation Index	AND OR NOT	Yes	* At least 3 characters must be used before or after the wildcard in a Title or Topic search	\$ (Replaces 0 or 1 character) Example: colo\$r retrieves color or colour ? (Replaces any 1 character)	Phrase: Yes - Requires “ “ double quotation marks. Accepts straight or curly quotes. Truncation within quotes allowed: "Information litera*" Proximity: Yes using NEAR/n	- Title - Abstract - Author keywords - Topic (which searches title, abstract, & author keywords)	- Publication year - Web of Science categories/ subjects - Repositories + all the other typical Web of Science filters.	Single export: Yes Bulk export: Yes, with the usual limits of WoS. Includes RIS, plain text, Excel, etc.	The Web of Science Preprint Citation Index pulls from the following 5 preprint servers: BioRxiv, ChemRxiv, arXiv, MedRxiv, & Preprints.org It has all of the usual functionality that the Web of Science platform has, including an RIS export limit of 1000 records at a time. More info: 10.5260/chara.25.1.12

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				Example: <code>ne?t</code> returns nest, but not net					
OSF Preprints	+ (acting as AND) - (acting as NOT) Note: A space between words is equivalent to an OR unless quotation marks are used. See note on phrasing.	Not available	* Replaces any number of characters. Cannot be used within a word or at the beginning of a word. Example 1: <code>librar*</code>	Not available	Phrase: Yes - Requires straight quotes only Example: <code>"information literacy"</code> Note: When quotation marks are used with a phrase or a single word, that phrase or single word is required in the search results. Quotation marks are recommended because the syntax includes Elasticsearch defaults which means that query expansion (e.g., lemmatization) is occurring. This favors recall and is problematic for precision searching. Proximity: Not available	Not available A specific repository (e.g., EdArXiv) could be selected upfront for a more narrow search.	- Creator - Date created (YYYY) - Subject (Child Psychology) - License (e.g., CC-BY, CC0) - Provider - Institution (but only if the institution is an OSF member institution - Has Related Resource (e.g., preregistration, supplemental materials)	Single export: No Bulk export: Not available	OSF Preprints hosts several subject-specific, language-based, geography-based, and publication-type (e.g., Thesis Commons) preprint repositories (e.g., PsyArXiv). <ul style="list-style-type: none">● AfricArXiv*● AgriXiv*● arabxiv**● BioHackrXiv● BodoArXiv● CoP Preprints● EarthArXiv*● EcoEvoRxiv*● ECSarXiv● EdArXiv● engrxiv*● FocUS Archive● Frenxiv**● INA-Rxiv**● IndiaRxiv**● LawArXiv**● Law Archive● LIS Scholarship Archive**● MarXiv**● MediArXiv● MetaArXiv● MindRxiv**

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									<ul style="list-style-type: none"> • NewAddictionsX • NutriXiv** • OSF Preprints • PaleorXiv • PsyArXiv • SocArXiv • SportRxiv* • Thesis Commons <p><i>*OSF iteration not accepting new submissions. Shifted to different platform</i></p> <p><i>**Not currently accepting new submissions. No new platform.</i></p>
<p>Scopus</p> <p>Pre-prints can be searched in the regular Documents search. Once a search query is executed, then the pre-prints tab will be shown.</p>	<p>OR AND AND NOT - AND NOT</p> <p>should always be used at the end of the query</p>	Yes	*	<p>?</p> <p>(any 1 character)</p> <p>Example: colo?r retrieves colour but does not retrieve color</p>	<p>Phrases: " " will search a loose phrase</p> <p>Accepts straight quotes or curly quotes</p> <p>Truncation within loose phrases allowed: "information litera*"</p> <p>{ } will search an exact phrase. Truncation not allowed with exact phrase</p> <p>Proximity: Yes</p>	<p>All search fields available for document search can be used, however pre-print records do not contain all metadata fields. Fields that specifically apply to pre-print records include:</p> <ul style="list-style-type: none"> - preprint title - unique identifier (preferably DOI) - abstract - language 	<p>All typical Scopus post-query filters including:</p> <ul style="list-style-type: none"> - Year - Language - Country - Repository - Author Name - Affiliation 	<p>Single export: Not available</p> <p>Bulk export: Not available</p>	<p>Scopus covers preprints from 2017 onwards from the following repositories:</p> <ul style="list-style-type: none"> • arXiv • ChemRxiv • bioRxiv • medRxiv • SSRN • TechRxiv • Research Square

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					<p>W/n searches for words in any order with up to n words distance.</p> <p>PRE/n searches for words in the specific order but within n words distance.</p>	<ul style="list-style-type: none"> - publication date - author(s) - author affiliation(s) - references 			
<p>Google Scholar</p> <p>Possible to search pre-prints separately using the source operator (source:"medrxiv") or (source:"Preprints")</p>	<p>AND OR NOT -</p> <p>Note: Must be upper case</p>	<p>Yes, but there might be limits. Simple combinations work</p> <p>Example: ("systematic review" AND (covid OR coronavirus))</p>	<p>Not available</p> <p>But without quotation marks, Google does its own auto lemmatization</p>	<p>Not available</p>	<p>Phrase: Yes using double quotation marks.</p> <p>Proximity: Technically yes using the AROUND(#) operator. But, does not always work properly.</p>	<p>Search in title using intitle: or allintitle:</p> <p>Search for Author using author:</p> <p>Search for a Source (journal or repository name) using: source:</p>	<p>Date</p>	<p>Single export: Yes</p> <p>Bulk export: Requires starring individual records before doing a batch export, which is tedious.</p>	<p>Google Scholar limits how many characters (256) and words (150) can be searched.</p> <p>See the Google searching guide here</p>
<p>OpenAlex</p> <p>To filter to preprints, start with: Type (filter name) = preprint (option)</p> <p>NOTE: This is for the GUI interface. It is possible that</p>	<p>AND OR</p> <p>Note: Must be upper case</p> <p>Note 2: Can be typed within a single search line which</p>	<p>Yes</p>	<p>Not available</p> <p>But it appears to stem words</p>	<p>Not available</p>	<p>Phrase: Yes using double quotation marks</p> <p>Quotation marks around a single term appear to be ignored.</p> <p>Proximity: Not available</p>	<ul style="list-style-type: none"> - Title - Title and Abstract - Keyword - fulltext - Topic - Author - Country - Domain - Funder and more 	<p>All fields mentioned to the left are implemented as "filters". This is why each line is added with an AND</p>	<p>Single export: Yes</p> <p>Bulk export: Yes</p>	<p>Top 20 preprint sources (by count, as of Sept 2024): arXiv (Cornell University), HAL (Le Centre pour la Communication Scientifique Directe), RePEc: Research Papers in Economics, Research Square (Research Square), bioRxiv (Cold Spring Harbor Laboratory), medRxiv (Cold Spring Harbor Laboratory), Authorea (Authorea), viXra, IACR Cryptology</p>

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additional options are permitted when searching with the API.	searches a specific field. Between search lines, an AND is used and cannot be changed					A complete list can be found here			ePrint Archive, F1000Research, PubMed, Nature Precedings, EarthArXiv (California Digital Library), Wellcome Open Research, SciELO (SciELO Preprints), Qeios, AIP conference proceedings, Lecture notes in computer science, Gates Open Research, IFIP advances in information and communication technology
agriRxiv	AND OR NOT - Note: Must be upper case	Yes	Not available	Not available	Phrase: Yes, using double quotation marks Proximity: Not available	Title Keywords Abstract Author Affiliation Date	Date Author Keyword Topic (e.g., Plant Science) Geographic location Language	Single export: Yes Bulk export: Yes	If you select Advanced Search, you are searching beyond just the preprint repository and instead searching all of the CABI Digital Library content.
arXiv	AND OR Both AND and OR can be inputted in all caps to be effective boolean operators	Yes	* Replaces any number of characters. Can be used within a word or at the end of a root word. Cannot be used in the first character position.	? Replaces any 1 character. Can be used within a word or at the end of the word. Cannot be used in the first character position.	Phrase: Yes, straight double quotation marks only. Per their search tips, only works in the following fields: title, abstract, and comments. Proximity: Not available	-Title -Abstract -Comments -Fulltext -ACM Classification -MSC Classification -Author -Subject -Date	Not available	Single export: BibTeX only Bulk export: No	The syntax is clearly explained here: https://arxiv.org/search/physics

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	NOT isn't effective in inputted text, but it is effective when selected from the menu in the Advanced Search feature.								
bioRxiv	AND, + OR NOT	No	*	Not available	Phrase: Yes, double quotation marks Warning: "Stand-alone phrase search is not to be used in combination with Boolean operators and not to be used with single quotation marks." Source: https://www.medrxiv.org/content/search-tips Proximity: Not available	-Full Text -Abstract -Title -Subject Areas (e.g., Zoology)	-Subject -Date	Single export: Yes Bulk export: Yes	medRxiv & bioRxiv appear to use the same syntax. They can also be crosssearched via the Advanced Search options, but when you do that, you lose the ability to search by Subject Area because the Subject Area categories differ between medRxiv and bioRxiv (e.g., Zoology). Search tips provided by the repository: https://www.medrxiv.org/content/search-tips Stemming occurs in some but not all of the search fields. See Search Tips guide 128 character limit
ChemRxiv	Not available	No	Not available	Not available	No	-Subject categories (e.g., Chemical Education)	-Subject categories	Single export: No	The query expansion is challenging to decipher. Some level of lemmatization and stemming

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							-Content types (e.g., review) -publication date -Keywords -Authors	Bulk export: No	appears to be occurring on every search which aids recall and hinders precision.
CrimRxiv	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	There are no advanced search options. Search syntax is very hard to identify after several tests (e.g., "campus police", campus OR police, campus AND police, campus NOT police, campus police, etc. It appears that the search functionality favors query expansion and does not accommodate precision searching.
EarthArXiv	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	You cannot filter search results by subject, but you can browse by subject (e.g., Glaciology)
The Earth and Space Science Open Archive (ESS Open Archive)	unclear	unclear	unclear	unclear	unclear	-Title -Keyword -Author	-Subject (e.g., Indigenous studies, Geology)	Single export: Yes, as a Bibtext file Bulk export: No	
MedRxiv	AND, + OR NOT	No	* Replaces any number of characters. Can be used within a	Not available	Phrase: Yes, double quotation marks Warning: "Stand-alone phrase search is not to be used in combination with	-Full Text -Abstract -Title -Subject Areas (e.g., Health Policy)	-Subject -Date	Single export: Yes Bulk export: Yes	medRxiv & bioRxiv appear to use the same syntax. They can also be crosssearched via the Advanced Search options, but when you do that, you lose the ability to search

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			word or at the end of a root word.		Boolean operators and not to be used with single quotation marks." Source: https://www.medrxiv.org/content/search-tips Proximity: Not available				by Subject Area because the Subject Area categories differ between medRxiv and bioRxiv (e.g., Zoology). Search tips provided by the repository: https://www.medrxiv.org/content/search-tips Stemming occurs in some but not all of the search fields. See Search Tips guide 128 character limit
PeerJ Preprints	Use + before words to require them (e.g., +fMRI) Use - before terms to exclude them (e.g., -"Acute Stress Disorder")	Yes, (e.g., +ASD -"Acute Stress Disorder")	* Replaces any number of characters. Can be used within a word or at the end of a root word.	? Replaces any 1 character. Can be used within a word or at the end of the word	Phrase: Yes, straight double quotation marks only Proximity: Not available	Not available	Recency of deposit Subject Area Date Number of Downloads	Single export: No Bulk export: No	
Preprints.org	AND OR NOT - Note: Must be upper case	Yes	Not available	Not available	Not available If Exact Match is selected, a phrase (if inputted) would be searched in order (e.g., pelvic trauma)	-Title -Abstract -Keywords -Subject Area (e.g., Chemistry)	Not available	Single export: No Bulk export: No	

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						-Sub-Subject Area (e.g., Organic Chemistry) -Author -Date			
Research Square	Not available	Not available	Does not appear to be available. Testing was inconclusive.	Not available	Not available	-Title -Abstract -Subject Area -Author -Date	Title Abstract Subject Area Author Date	Single export: Yes, but only to Papers Bulk export: No	More info: 10.5260/chara.24.2.43
SciELO Preprints	AND OR NOT	Yes	* Replaces any number of characters. Can be used within a word or at the end of a root word.	Search results were inconclusive when ? and # were attempted. It's unclear if those characters are supported.	Phrase: Yes, straight double quotation marks only Proximity: Not available	-Areas of Knowledge (e.g., Applied Social Sciences)	-Author -Publication date	Single export: Yes, RIS and BibTex Bulk export: No	It does not appear that search capabilities in SciELO Preprints are the same as SciELO (proper).
SportRxiv	AND OR NOT	Yes	* Replaces any number of characters. Can be used within a word or at the end of a root word.	? Replaces any 1 character. Can be used within a word or at the end of the word. Cannot be	Phrase: Yes, straight double quotation marks only Proximity: Not available	-Subject Areas (e.g., Clinical Research)	- Subcategories (e.g., Rehabilitation)	Single export: No Bulk export: No	Share feature on item records gives error message as of July 24, 2023. Unclear if this (when working) permits single export.

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				used in the first character position.					
SSRN	Not available, but spaces between words appear to be treated as AND	Not available	Not available	Not available	Phrase: Yes, straight double quotation marks only Proximity: Not available	-Title -Abstract -Keywords -Author -Full Text -SSRN Network (e.g., Law)	Not available	Single export: No Bulk export: No	A sophisticated search in the main search box does not seem effective, but you are able to continue performing searches within search results. Therefore, you could search by one component (e.g., population) and then search within the results for the next component (e.g., intervention).

Technically, Research Square, Preprints.org, SSRN, PeerJ Preprints, SciELO Preprints, MedRxiv, bioRxiv, ChemRxiv, and arXiv can all be searched as part of EuropePMC (which has superior functionality). However it isn't confirmed how often records are updated and whether all records are included or not.

ASAPbio created a preprint directory containing disciplinary scope, ownership, indexing and more, but that directory has not been updated since the launch of the Web of Science Preprint Citation Index.

<https://asapbio.org/preprint-servers>

How to cite:

Premji, Z., & Riegelman, A. (2024, July 25). Preprint repository search syntax table. Retrieved from <https://lib.uvic.ca/preprintsearchsyntax>