**Comprehensive Database List for Dyscalculia & Math Learning Research**

**Tier 1: Excellent (9-10/10) - High relevance, good API access, PDF availability**

**PubMed Central (PMC) - 10/10**

* Free full-text biomedical/life sciences articles
* Excellent API, open-access PDFs
* Strong coverage of learning disabilities research

**ERIC (Education Resources Information Center) - 9/10**

* Education-focused, best for learning disabilities
* Free API, many open-access PDFs
* Primary source for educational interventions

**PsycINFO/PsycArticles - 9/10**

* Psychology/behavioral sciences
* Excellent for cognitive/learning research
* Requires institutional access for PDFs

**Tier 2: Very Good (7-8/10) - Good relevance, varying access**

**OpenAlex - 8/10**

* Replacement for Microsoft Academic
* Excellent free API, comprehensive coverage
* Links to open-access PDFs

**Google Scholar - 8/10**

* Broad coverage, finds open-access versions
* No official API (scraping needed)
* Links to various sources

**Unpaywall/oaDOI - 8/10**

* Finds legal open-access versions of papers
* Free API, works with DOIs
* Essential for finding free PDFs

**PubMed (not just PMC) - 8/10**

* Broader than PMC, includes abstracts
* Free API, links to full text when available
* Essential for biomedical research

**CORE - 8/10**

* Aggregates open-access research papers
* Free API, direct PDF links
* Good education/psychology coverage

**Europe PMC - 8/10**

* Similar to PMC, European focus
* Free API and PDFs
* Life sciences and biomedical

**Tier 3: Good (5-7/10) - Moderate relevance or access challenges**

**Semantic Scholar - 7/10**

* AI-powered search, good API
* Links to PDFs when available
* Growing education research

**arXiv - 7/10**

* Preprints in quantitative biology, psychology
* Free API and PDFs
* Growing education research section

**Crossref - 7/10**

* Metadata for scholarly works
* Free API, links to publisher sites
* Good for finding DOIs and metadata

**LENS.org - 7/10**

* Free scholarly search, patent data
* API available, good coverage

**Dimensions.ai - 7/10**

* Free tier available
* Good API, comprehensive

**BASE (Bielefeld Academic Search Engine) - 6/10**

* Large academic web resources
* Free access, varying PDF availability
* Broad but less focused

**DOAJ (Directory of Open Access Journals) - 6/10**

* Open-access journals only
* API available
* Smaller but quality content

**ResearchGate - 6/10**

* Researcher-uploaded papers
* No official API, scraping needed
* Many full-text PDFs

**Web of Science - 6/10**

* Premium database, limited free access
* Excellent quality, institutional access needed

**Scopus - 6/10**

* Similar to Web of Science
* Requires institutional access

**LearnTechLib (formerly EdITLib) - 6/10**

* Education technology research
* Some open access

**Tier 4: Specialized (4-5/10) - Niche but useful**

**ScienceDirect - 5/10**

* Major publisher (Elsevier)
* Requires subscription for most PDFs
* Good neuroscience/psychology content

**Springer/Nature - 5/10**

* Major publishers
* APIs available, mostly paywalled
* Quality research but access limited

**JSTOR - 5/10**

* Historical education research
* Limited free access
* Good for older studies

**ProQuest - 5/10**

* Dissertations and theses
* Institutional access needed
* Unique content

**Academia.edu - 5/10**

* Similar to ResearchGate
* No API, access challenges

**British Education Index - 5/10**

* UK education research
* Limited free access

**Tier 5: Lower Priority (2-4/10) - Limited relevance or difficult access**

**Wiley Online Library - 4/10**  
**Taylor & Francis - 4/10**  
**SAGE Journals - 4/10**