

Accessing the Health, Rehabilitation and Education Literature

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EBP Process



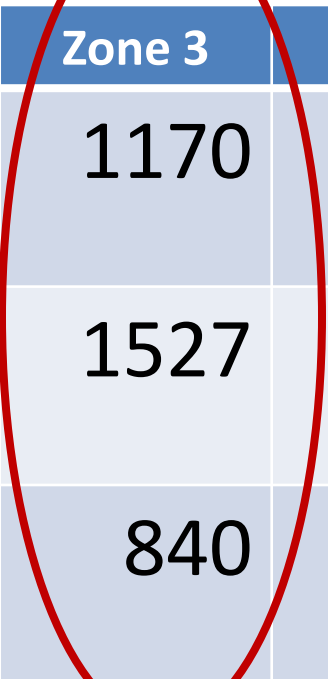
<http://www.nccmt.ca/en/modules/eidm/>

Learning Objectives

- Identify and access high-quality, free information resources applicable to your discipline
- Conduct a literature search using efficient and effective search techniques
- Obtain journal articles, both free and subscription-based

Results of the citation analyses

Discipline	Zone 1	Zone 2	Zone 3	Total
Occupational Therapy (2010)	9	120	1170	1299
Physical Therapy (2012)	16	96	1527	1639
Speech-Lang Pathol (1997)	3	38	840	881



Most frequently cited journals in Occupational Therapy *

- Am J Occup Ther
- Arch Phys Med Rehabil
- OTJR: Occup Participation Health
- Can J Occup Ther
- Br J Occup Ther
- Occup Ther Int

* Potter J. Mapping the literature of occupational therapy: an update. J Med Libr Assoc. 2010 Jul;98(3):235-42. doi: 10.3163/1536-5050.98.3.012. PubMed PMID: 20648258; PubMed Central PMCID: PMC2901014.

Most frequently cited journals in Physical Therapy *

- Physical Therapy
- Arch Phys Med Rehabil
- Spine
- J Am Geriatric Soc
- J Orthop Sports Phys Ther
- Physiotherapy

* Fell DW, Burnham JF, Buchanan MJ, Horchen HA, Scherr JA. Mapping the core journals of the physical therapy literature. J Med Libr Assoc. 2011 Jul;99(3):202-7. doi: 10.3163/1536-5050.99.3.007. Erratum in: J Med Libr Assoc. 2012 Jan;100(1):78. PubMed PMID: 21753912; PubMed Central PMCID: PMC3133899.

Most frequently cited journals in Speech-Language Pathology *

- J Speech Hear Res
- J Speech Hear Disord
- J Acoust Soc Am
- J Fluency Disord
- Lang Speech Hear Services
Schools
- Brain Lang

* Slater LG. Mapping the literature of speech-language pathology. Bull Med Libr Assoc. 1997 Jul;85(3):297-302. PubMed PMID: 9285132; PubMed Central PMCID: PMC226275.

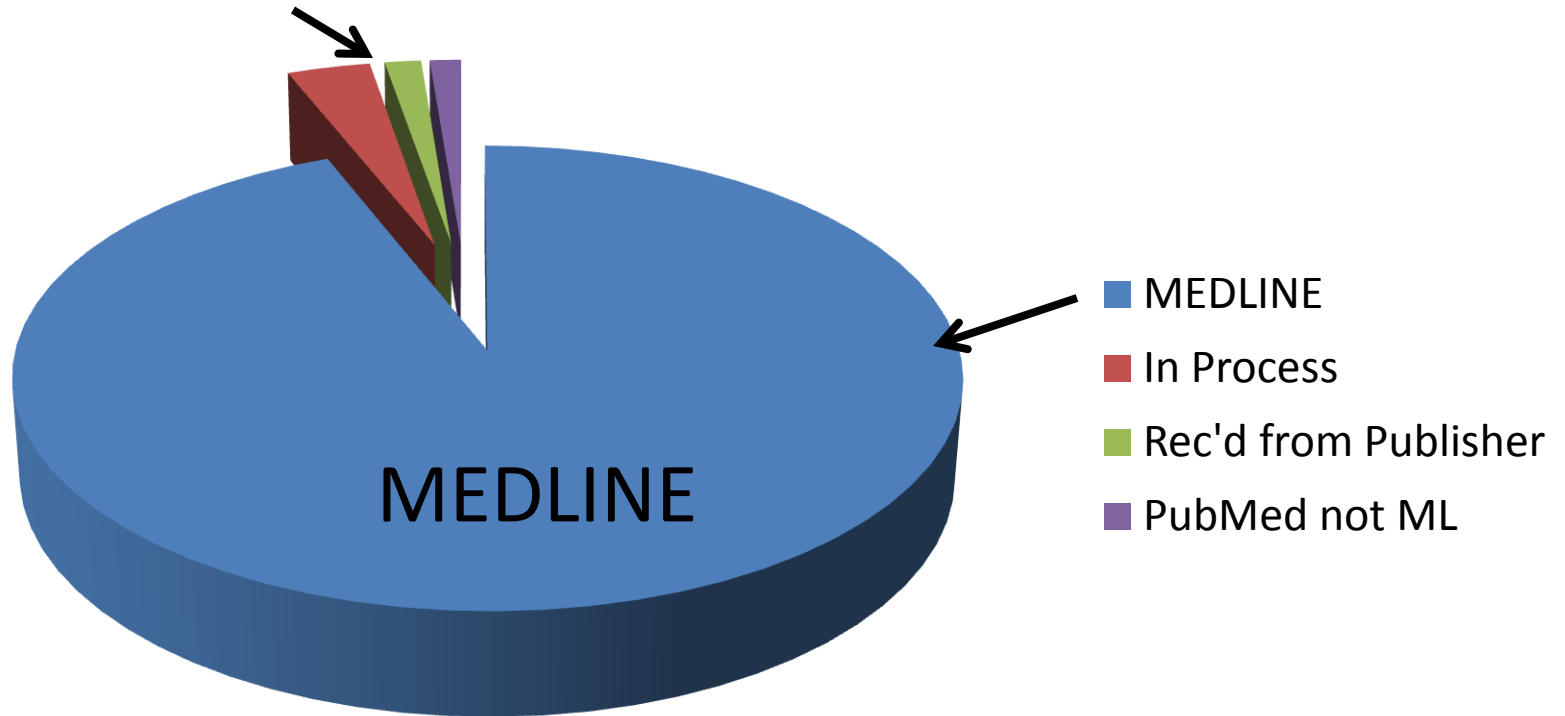
Important subscription-based resources that are *NOT* free

- CINAHL
- PsycINFO

No free access to these databases that we know of, except to visit a library that has a subscription.

PubMed vs. MEDLINE?

PubMed Not MEDLINE



PubMed search methods

- Basic (“Type ‘n Go”) searching
- Advanced Search
- Search with MeSH Terms
- Search using History feature
- Combination

What are MeSH Terms?

- **Medical Subject Headings**, or MeSH Terms are drawn from the National Library of Medicine's controlled vocabulary, or thesaurus for the MEDLINE database.
- MeSH terms describe the content of an article, much as search tags describe the content of Internet documents.
- MeSH terms are used both for indexing and finding items in the database.

Sample MEDLINE citation with MeSH terms

Neurotoxicity of lead. Hypothetical molecular mechanisms of synaptic function disorders.

Baranowska-Bosiacka I, Gutowska I, Rybicka M, Nowacki P, Chlubek D.

Neurol Neurochir Pol. 2012 Nov-Dec;46(6):569-78. Review.

PMID: 23319225 [PubMed - indexed for MEDLINE]

Related citations

Publication Types, MeSH Terms, Substances

Publication Types

Review

MeSH Terms

Cognition/drug effects

Environmental Exposure/adverse effects

Humans

Lead Poisoning, Nervous System/metabolism*

Neuronal Plasticity/drug effects

Neurons/drug effects*

Neurotoxicity Syndromes/metabolism*

Receptors, N-Methyl-D-Aspartate/metabolism*

Risk Factors

Synapses/drug effects*

Substances

Receptors, N-Methyl-D-Aspartate

These MeSH terms describe the content of this article. Similar articles will be assigned similar MeSH terms.

What can you do with a “MyNCBI” account?

- Set database preferences
- Save search strategies
- Set up automatic email alerts
- Create collections of citations
- Set up filters
- More!

For NIH-funded
authors and researchers ...

... a MyNCBI account is essential to
ensure compliance with the NIH
public access policy.

Google Scholar: Challenges

- Access to full text unreliable
- No list of journals indexed
- No controlled vocabulary
- No limit for material type
- Unclear how results are ranked
- Frequency of updates is unknown