

What are the Most Important Journals for Prion Research? Journal Analysis By Discipline

The following table shows, across 17 disciplines, the best journals covering prion research, based on the importance of a journal within its discipline and the number of articles published on prions. All data comes from Web of Science and Journal Citation Reports.

JOURNAL NAME	RANK ⁱ	ARTICLES ⁱⁱ
Biochemistry & Molecular Biology		
Cell*	H	H
Embo Journal	H	H
Journal of Biological Chemistry	H	H
Biochemistry	H	M
Journal of Molecular Biology	H	M
Molecular & Cell Biology	H	M
Molecular Microbiology	H	M
Nature Struct & Mol Biology	H	M
Nature Medicine	H	M
Trends Biochem Sciences	H	M
Bioch Biophys Res Comm	M	M
FEBS Letters	M	M
Biophysics		
Bioch Biophys Res Comm	H	H
FEBS Letters	H	M
Biotechnology & Applied Microbiology		
Journal of General Virology	H	H
Cell Biology		
Cell*	H	H
Embo Journal	H	H
Journal of Cell Biology	H	M
Molecular & Cell Biol	H	M
Nature Reviews Cell Biol	H	M
Nature Struct & Mol Biol	H	M
Nature Medicine	H	M
FEBS Letters	M	M
Clinical Neurology		
Annals of Neurology*	H	H
Neurology	H	H
Acta Neuropathologia	H	M

JOURNAL NAME	RANK	ARTICLES
Developmental Biology		
Genes & Development*	H	H
Genetics & Heredity		
Genetics	H	H
Genes & Development*	H	M
Nature Genetics*	H	M
Heredity	M	M
Immunology		
Journal of Immunology	H	H
Journal of Exp Medicine*	H	M
Journal of Neuroimmunol	M	M
Infectious Diseases		
Journal of Infectious Dis	H	H
Medicine, General & Internal		
Lancet*	H	H
New England Journal of Med*	H	M
British Medical Bulletin	H	M
Medicine, Research & Experimental		
Nature Medicine*	H	H
Journal of Clinical Investigation*	H	H
Journal of Exp Medicine*	H	H
Microbiology		
Molecular Microbiology	H	H
Multidisciplinary Sciences		
Nature*	H	H
PNAS*	H	H
Science*	H	H
Neuroscience		
Neuron*	H	H
Annals of Neurology	H	H
Brain	H	H
Glia	H	H
Brain Pathology	H	M
Experimental Neurology	H	M
Journal of Immunology	M	H
Journal of Neurovirology	M	H

JOURNAL NAME	RANK	ARTICLES
Acta Neuropathologia	M	M
Pathology		
American Journal of Pathology*	H	H
Journal of Pathology*	H	H
Acta Neuropathologia	H	M
Brain Pathology	H	M
Journal of Comp Pathology	L	H
Veterinary Sciences		
Veterinary Record	H	H
Journal of Comp Pathology	M	M
Virology		
Journal of Virology*	H	H
Journal of General Virology	M	H
Journal of Neurovirology	M	M

* Designates journal is ranked in the top five journals for a discipline, as listed in ISI's Journal Citation Reports and ranked by impact factor.

The **research sample** is based on the 24 most highly cited review articles on the topic of prions in the Web of Science database from 1996 to the present. These 24 review articles included references to prions articles from 245 journals. If at least 10 prion articles appeared in a journal, that journal was included in the research sample for this analysis. In the right hand column of this table each journal is rated according to how many such references were found. Only journals with at least two prion articles were included in this analysis.

ⁱ **Rank** refers to the importance of a journal within a discipline as ranked by impact factor. A journal can be included in more than one discipline, and will have a different rank within each discipline.

H / M / L in rank refers to the rank level of a journal within the total number of journals listed for the discipline in ISI's Journal Citation Reports. H is the top-ranking third, M is the middle-ranking third, and L is the bottom-ranking third of those journals as ranked by impact factor.

For example, within the discipline "Biochemistry & Molecular Biology", the Journal of Biological Chemistry, with an impact factor of 5.854, ranks 38th out of 261 journals and

so is in the top third of journals ranked by impact factor for that discipline. The journal Biochemical and Biophysical Research Communications, with an impact factor of 3.000, ranks 97th out of 261 journals and so is in the middle third of journals ranked by impact factor for that discipline.

ⁱⁱ **Articles** refers to the number of articles on the overall topic of prions found in a journal that was included within the research sample. The number of articles listed in a journal is not discipline specific but remains the same for each journal across disciplines.

H / M in articles refers to the number of articles in a journal, relative to the total number of articles in all the journals in that discipline, within the research sample. A journal is rated H if the number of articles in the journal was above the average number of articles per journal for that discipline. A journal was rated M if the number of articles in the journal was below the median number of articles per journal for that discipline. No journal rated L (below 10 articles in the research sample) was included in this report.

For example, for the discipline Biochemistry & Molecular Biology, there were a total of 605 articles included, with an average per journal of 50 articles. The Journal of Biological Chemistry contained 120 articles and falls in the top half and so is rated H. The journal Biochemical and Biophysical Research Communications contained 23 articles and falls in the bottom half and so is rated M.