

SIGNIFICANCE AND IMPACT OF RESEARCH PRESENTATIONS AND PUBLICATIONS

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Area of Excellence – Research

Journal Assessment of Publications

In sum, I have co-authored 18 published articles, serving as corresponding author for 10 of these articles. During my time at IUSM, I have maintained a strong publication record including 6 original research articles and multiple invited review articles and book chapters. The following table indicates the ranking and impact factor in which my articles appear according to the 2016 Journal Citation Reports (JCR) calculated by Clarivate Analytics/Thomson Reuters) as well as other relevant information. **Ranking** is expressed as position out of the total number of journals in that topic. **Impact factor** is defined as the average number of times that articles published in the past two years in that journal have been cited in the JCR year (a measure of how often articles within that journal are cited both in and out of the specific field). **Half-life** is an indication of the “staying power” of articles in that journal, *i.e.* the length of time that articles in that journal continue to be cited. The maximum half-life value is 10 years; therefore, journals established in the past decade do not have accurate half-life numbers. The **Eigenfactor** value is similar to Impact Factor; however, the Eigenfactor assigns weight to each citation, according to the citedness of the citing journal. The **h-index** is provided by Scopus and calculated as the number of publications that have been cited that same number of times (or more) in one year.

Journal	Topic	Ranking	Impact Factor	Half-life (years)	Additional Information
Nucleic Acids Research (NAR)	Biochemistry and Molecular Biology	14/290	10.16	7.4	The h-index for NAR is 436.
eLife	Biology	4/85	7.72	2.1*	*This journal was established in 2013. The Eigenfactor value is 14.9 and the h-index is 74.
Journal of Biological Chemistry (JBC)	Biochemistry and Molecular Biology	74/290	4.12	>10.0	The h-index for JBC is 469.
Methods in Molecular Biology (book series)	*Molecular Biology	*285/407	0.62	Not provided	*Not in SJR, topic/ranking provided by SCOPUS. The h-index is 117.
Advances in Experimental Medicine and Biology (book series)	Biology	33/85	1.94	6.4	The h-index for Advances in Experimental Medicine and Biology is 104.
Wiley Interdisciplinary Reviews RNA (WIREs RNA)	Cell Biology	53/190	4.84	4.1	Review article was in the top 10 most highly accessed articles for this journal in 2016.
RNA	Biochemistry and Molecular Biology	58/290	4.61	8.1	The h-index for RNA is 152.
RNA Biology	Biochemistry and Molecular Biology	83/290	3.90	4.1	The h-index for RNA is 59.
Cell Reports	Cell Biology	26/190	8.28	2.5*	*This Cell Press journal was established in 2012. The Eigenfactor value is 18.1 and the h-index is 92.
Nature Biotechnology	Biotechnology and Applied Microbiology	2/160	41.67	6.8	The h-index for Nature Biotechnology is 377.
Trends in Biochemical Sciences (TiBS)	Biochemistry and Molecular Biology	4/290	16.63	>10.0	The h-index for TiBS is 248.