

# Patrick S Mitchell

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

10,873  
citations

18  
h-index

29  
g-index

29  
ext. papers

12,072  
ext. citations

8.7  
avg, IF

5.56  
L-index

#	Paper	IF	Citations
25	Circulating microRNAs as stable blood-based markers for cancer detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 10513-8	11.5	6035
24	Argonaute2 complexes carry a population of circulating microRNAs independent of vesicles in human plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5003-8	11.5	2422
23	Analysis of circulating microRNA biomarkers in plasma and serum using quantitative reverse transcription-PCR (qRT-PCR). <i>Methods</i> , <b>2010</b> , 50, 298-301	4.6	881
22	MicroRNA discovery and profiling in human embryonic stem cells by deep sequencing of small RNA libraries. <i>Stem Cells</i> , <b>2008</b> , 26, 2496-505	5.8	247
21	Repertoire of microRNAs in epithelial ovarian cancer as determined by next generation sequencing of small RNA cDNA libraries. <i>PLoS ONE</i> , <b>2009</b> , 4, e5311	3.7	197
20	Functional degradation: A mechanism of NLRP1 inflammasome activation by diverse pathogen enzymes. <i>Science</i> , <b>2019</b> , 364,	33.3	155
19	MicroRNA-138 modulates DNA damage response by repressing histone H2AX expression. <i>Molecular Cancer Research</i> , <b>2011</b> , 9, 1100-11	6.6	134
18	Circulating microRNA profiling identifies a subset of metastatic prostate cancer patients with evidence of cancer-associated hypoxia. <i>PLoS ONE</i> , <b>2013</b> , 8, e69239	3.7	124
17	Multiple integrated copies and high-level production of the human retrovirus XMRV (xenotropic murine leukemia virus-related virus) from 22Rv1 prostate carcinoma cells. <i>Journal of Virology</i> , <b>2009</b> , 83, 7353-6	6.6	109
16	Evolution-guided identification of antiviral specificity determinants in the broadly acting interferon-induced innate immunity factor MxA. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 598-604	23.4	104
15	Functional and Evolutionary Analyses Identify Proteolysis as a General Mechanism for NLRP1 Inflammasome Activation. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1006052	7.6	74
14	Systematic screen identifies miRNAs that target RAD51 and RAD51D to enhance chemosensitivity. <i>Molecular Cancer Research</i> , <b>2013</b> , 11, 1564-73	6.6	72
13	The NLRP1 inflammasome: new mechanistic insights and unresolved mysteries. <i>Current Opinion in Immunology</i> , <b>2019</b> , 60, 37-45	7.8	67
12	MiR-221 and MiR-222 alterations in sporadic ovarian carcinoma: Relationship to CDKN1B, CDKN1C and overall survival. <i>Genes Chromosomes and Cancer</i> , <b>2010</b> , 49, 577-84	5	57
11	An evolutionary perspective on the broad antiviral specificity of MxA. <i>Current Opinion in Microbiology</i> , <b>2013</b> , 16, 493-9	7.9	52
10	Evolutionary Analyses Suggest a Function of MxB Immunity Proteins Beyond Lentivirus Restriction. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005304	7.6	37
9	Diverse viral proteases activate the NLRP1 inflammasome. <i>ELife</i> , <b>2021</b> , 10,	8.9	31

8	NAIP-NLRC4-deficient mice are susceptible to shigellosis. <i>ELife</i> , <b>2020</b> , 9,	8.9	29
7	Molecular characterization of a fungal gasdermin-like protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 18600-18607	11.5	18
6	Autoinflammatory disease with corneal and mucosal dyskeratosis caused by a novel NLRP1 variant. <i>Rheumatology</i> , <b>2020</b> , 59, 2334-2339	3.9	11
5	An FTIR investigation of flanking sequence effects on the structure and flexibility of DNA binding sites. <i>Biochemistry</i> , <b>2009</b> , 48, 1315-21	3.2	10
4	Epithelial Pyroptosis in Host Defense. <i>Journal of Molecular Biology</i> , <b>2021</b> , 167278	6.5	3
3	Functional degradation: a mechanism of NLRP1 inflammasome activation by diverse pathogen enzymes		2
2	Circulating MicroRNAs in Cancer. <i>Nucleic Acids and Molecular Biology</i> , <b>2010</b> , 129-145		1
1	NAIP-NLRC4-deficient mice are susceptible to shigellosis		1