

Patrick S Mitchell

List of Publications by Year in Descending Order

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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	Epithelial Pyroptosis in Host Defense. <i>Journal of Molecular Biology</i> , 2021 , 167278	6.5	3
24	Diverse viral proteases activate the NLRP1 inflammasome. <i>ELife</i> , 2021 , 10,	8.9	31
23	NAIP-NLRC4-deficient mice are susceptible to shigellosis. <i>ELife</i> , 2020 , 9,	8.9	29
22	Autoinflammatory disease with corneal and mucosal dyskeratosis caused by a novel NLRP1 variant. <i>Rheumatology</i> , 2020 , 59, 2334-2339	3.9	11
21	Molecular characterization of a fungal gasdermin-like protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 18600-18607	11.5	18
20	The NLRP1 inflammasome: new mechanistic insights and unresolved mysteries. <i>Current Opinion in Immunology</i> , 2019 , 60, 37-45	7.8	67
19	Functional degradation: A mechanism of NLRP1 inflammasome activation by diverse pathogen enzymes. <i>Science</i> , 2019 , 364,	33.3	155
18	Functional and Evolutionary Analyses Identify Proteolysis as a General Mechanism for NLRP1 Inflammasome Activation. <i>PLoS Pathogens</i> , 2016 , 12, e1006052	7.6	74
17	Evolutionary Analyses Suggest a Function of MxB Immunity Proteins Beyond Lentivirus Restriction. <i>PLoS Pathogens</i> , 2015 , 11, e1005304	7.6	37
16	An evolutionary perspective on the broad antiviral specificity of MxA. <i>Current Opinion in Microbiology</i> , 2013 , 16, 493-9	7.9	52
15	Systematic screen identifies miRNAs that target RAD51 and RAD51D to enhance chemosensitivity. <i>Molecular Cancer Research</i> , 2013 , 11, 1564-73	6.6	72
14	Circulating microRNA profiling identifies a subset of metastatic prostate cancer patients with evidence of cancer-associated hypoxia. <i>PLoS ONE</i> , 2013 , 8, e69239	3.7	124
13	Evolution-guided identification of antiviral specificity determinants in the broadly acting interferon-induced innate immunity factor MxA. <i>Cell Host and Microbe</i> , 2012 , 12, 598-604	23.4	104
12	MicroRNA-138 modulates DNA damage response by repressing histone H2AX expression. <i>Molecular Cancer Research</i> , 2011 , 9, 1100-11	6.6	134
11	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> , 2011 , 108, 5003-8	11.5	2422
10	Circulating MicroRNAs in Cancer. <i>Nucleic Acids and Molecular Biology</i> , 2010 , 129-145		1
9	Analysis of circulating microRNA biomarkers in plasma and serum using quantitative reverse transcription-PCR (qRT-PCR). <i>Methods</i> , 2010 , 50, 298-301	4.6	881

8	MiR-221 and MiR-222 alterations in sporadic ovarian carcinoma: Relationship to CDKN1B, CDKN1C and overall survival. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 577-84	5	57
7	Repertoire of microRNAs in epithelial ovarian cancer as determined by next generation sequencing of small RNA cDNA libraries. <i>PLoS ONE</i> , 2009 , 4, e5311	3.7	197
6	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> , 2009 , 83, 7353-6	6.6	109
5	An FTIR investigation of flanking sequence effects on the structure and flexibility of DNA binding sites. <i>Biochemistry</i> , 2009 , 48, 1315-21	3.2	10
4	MicroRNA discovery and profiling in human embryonic stem cells by deep sequencing of small RNA libraries. <i>Stem Cells</i> , 2008 , 26, 2496-505	5.8	247
3	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> , 2008 , 105, 10513-8	11.5	6035
2	NAIP/NLRC4-deficient mice are susceptible to shigellosis		1
1	Functional degradation: a mechanism of NLRP1 inflammasome activation by diverse pathogen enzymes		2