

# Patrick S Mitchell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1617311/publications.pdf>

Version: 2024-02-01

24  
papers

13,019  
citations

394286

19  
h-index

642610

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

19092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating microRNAs as stable blood-based markers for cancer detection. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10513-10518.	3.3	7,047
2	Argonaute2 complexes carry a population of circulating microRNAs independent of vesicles in human plasma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5003-5008.	3.3	2,852
3	Analysis of circulating microRNA biomarkers in plasma and serum using quantitative reverse transcription-PCR (qRT-PCR). Methods, 2010, 50, 298-301.	1.9	1,016
4	MicroRNA Discovery and Profiling in Human Embryonic Stem Cells by Deep Sequencing of Small RNA Libraries. Stem Cells, 2008, 26, 2496-2505.	1.4	273
5	Functional degradation: A mechanism of NLRP1 inflammasome activation by diverse pathogen enzymes. Science, 2019, 364, .	6.0	271
6	Repertoire of microRNAs in Epithelial Ovarian Cancer as Determined by Next Generation Sequencing of Small RNA cDNA Libraries. PLoS ONE, 2009, 4, e5311.	1.1	223
7	Circulating microRNA Profiling Identifies a Subset of Metastatic Prostate Cancer Patients with Evidence of Cancer-Associated Hypoxia. PLoS ONE, 2013, 8, e69239.	1.1	147
8	MicroRNA-138 Modulates DNA Damage Response by Repressing Histone H2AX Expression. Molecular Cancer Research, 2011, 9, 1100-1111.	1.5	146
9	Evolution-Guided Identification of Antiviral Specificity Determinants in the Broadly Acting Interferon-Induced Innate Immunity Factor MxA. Cell Host and Microbe, 2012, 12, 598-604.	5.1	144
10	The NLRP1 inflammasome: new mechanistic insights and unresolved mysteries. Current Opinion in Immunology, 2019, 60, 37-45.	2.4	131
11	Multiple Integrated Copies and High-Level Production of the Human Retrovirus XMRV (Xenotropic) Tj ETQq1 1 0.784314 rgBT /Overlooked. PLoS ONE, 2013, 8, e73533.	1.5	113
12	Functional and Evolutionary Analyses Identify Proteolysis as a General Mechanism for NLRP1 Inflammasome Activation. PLoS Pathogens, 2016, 12, e1006052.	2.1	113
13	Diverse viral proteases activate the NLRP1 inflammasome. ELife, 2021, 10, .	2.8	100
14	Systematic Screen Identifies miRNAs That Target RAD51 and RAD51D to Enhance Chemosensitivity. Molecular Cancer Research, 2013, 11, 1564-1573.	1.5	86
15	An evolutionary perspective on the broad antiviral specificity of MxA. Current Opinion in Microbiology, 2013, 16, 493-499.	2.3	71
16	MiRâ€221 and MiRâ€222 alterations in sporadic ovarian carcinoma: Relationship to CDKN1B, CDKN1C and overall survival. Genes Chromosomes and Cancer, 2010, 49, 577-584.	1.5	69
17	NAIPâ€NLRC4-deficient mice are susceptible to shigellosis. ELife, 2020, 9, .	2.8	58
18	Molecular characterization of a fungal gasdermin-like protein. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18600-18607.	3.3	50

#	ARTICLE	IF	CITATIONS
19	Evolutionary Analyses Suggest a Function of MxB Immunity Proteins Beyond Lentivirus Restriction. PLoS Pathogens, 2015, 11, e1005304.	2.1	48
20	Autoinflammatory disease with corneal and mucosal dyskeratosis caused by a novel NLRP1 variant. Rheumatology, 2020, 59, 2334-2339.	0.9	22
21	Epithelial Pyroptosis in Host Defense. Journal of Molecular Biology, 2022, 434, 167278.	2.0	17
22	An FTIR Investigation of Flanking Sequence Effects on the Structure and Flexibility of DNA Binding Sites. Biochemistry, 2009, 48, 1315-1321.	1.2	10
23	Circulating MicroRNAs in Cancer. Nucleic Acids and Molecular Biology, 2010, , 129-145.	0.2	1
24	XaaP-ing DPP8/9 for CARD8 activation. Nature Chemical Biology, 2022, , .	3.9	0