

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

393982

19
h-index

642321

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 83, 7353-7356. | 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 |

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|----|--|-----|-----------|
| 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 |