

F Nina Papavasiliou

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

7,964
citations

109321

35
h-index

114465

63
g-index

79
all docs

79
docs citations

79
times ranked

11594
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions and consequences of AID/APOBEC-mediated DNA and RNA deamination. <i>Nature Reviews Genetics</i> , 2022, 23, 505-518.	16.3	103
2	Functional insights from a surface antigen mRNA-bound proteome. <i>ELife</i> , 2021, 10, .	6.0	28
3	SARS-CoV-2 variant evolution in the United States: High accumulation of viral mutations over time likely through serial Founder Events and mutational bursts. <i>PLoS ONE</i> , 2021, 16, e0255169.	2.5	28
4	Harnessing self-labeling enzymes for selective and concurrent A-to-I and C-to-U RNA base editing. <i>Nucleic Acids Research</i> , 2021, 49, e95-e95.	14.5	11
5	Structure of trypanosome coat protein VSGsur and function in suramin resistance. <i>Nature Microbiology</i> , 2021, 6, 392-400.	13.3	20
6	Nanobody-mediated macromolecular crowding induces membrane fission and remodeling in the African trypanosome. <i>Cell Reports</i> , 2021, 37, 109923.	6.4	11
7	C-to-U RNA Editing: From Computational Detection to Experimental Validation. <i>Methods in Molecular Biology</i> , 2021, 2181, 51-67.	0.9	4
8	Inducible Germline IgMs Bridge Trypanosome Lytic Factor Assembly and Parasite Recognition. <i>Cell Host and Microbe</i> , 2020, 28, 79-88.e4.	11.0	18
9	MTA2/NuRD Regulates B Cell Development and Cooperates with OCA-B in Controlling the Pre-B to Immature B Cell Transition. <i>Cell Reports</i> , 2019, 28, 472-485.e5.	6.4	28
10	Mechanistic Similarities between Antigenic Variation and Antibody Diversification during <i>Trypanosoma brucei</i> Infection. <i>Trends in Parasitology</i> , 2019, 35, 302-315.	3.3	20
11	RNA Editors, Cofactors, and mRNA Targets: An Overview of the C-to-U RNA Editing Machinery and Its Implication in Human Disease. <i>Genes</i> , 2019, 10, 13.	2.4	47
12	ADAR1 Drives Disease Progression in Multiple Myeloma By Acting Both As an RNA Editor of Specific Transcripts and As a DNA Mutator of Their Cognate Genes. <i>Blood</i> , 2019, 134, 3092-3092.	1.4	0
13	A New Chapter in Genetic Medicine: RNA Editing and its Role in Disease Pathogenesis. <i>Trends in Molecular Medicine</i> , 2018, 24, 294-303.	6.7	35
14	African trypanosomes evade immune clearance by O-glycosylation of the VSG surface coat. <i>Nature Microbiology</i> , 2018, 3, 932-938.	13.3	47
15	Variant surface glycoprotein density defines an immune evasion threshold for African trypanosomes undergoing antigenic variation. <i>Nature Communications</i> , 2017, 8, 828.	12.8	56
16	Loss of APOBEC1 RNA-editing function in microglia exacerbates age-related CNS pathophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13272-13277.	7.1	34
17	Epitranscriptomic profiling across cell types reveals associations between APOBEC1-mediated RNA editing, gene expression outcomes, and cellular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13296-13301.	7.1	33
18	Emerging challenges in understanding trypanosome antigenic variation. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 585-592.	2.6	29

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19	Epigenetic Modulators of Monocytic Function: Implication for Steady State and Disease in the CNS. <i>Frontiers in Immunology</i> , 2016, 6, 661.	4.8	5
20	Base J and H3.V Regulate Transcriptional Termination in <i>Trypanosoma brucei</i> . <i>PLoS Genetics</i> , 2016, 12, e1005762.	3.5	54
21	Masters of Disguise: Antigenic Variation and the VSG Coat in <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005784.	4.7	82
22	Vesicles as Vehicles for Virulence. <i>Trends in Parasitology</i> , 2016, 32, 435-436.	3.3	6
23	RNA editing generates cellular subsets with diverse sequence within populations. <i>Nature Communications</i> , 2016, 7, 12145.	12.8	48
24	Detection of <i>Trypanosoma brucei</i> Variant Surface Glycoprotein Switching by Magnetic Activated Cell Sorting and Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2
25	The VEXing problem of monoallelic expression in the African trypanosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7017-7019.	7.1	2
26	Pseudouridylation meets next-generation sequencing. <i>Methods</i> , 2016, 107, 63-72.	3.8	60
27	A Conserved DNA Repeat Promotes Selection of a Diverse Repertoire of <i>Trypanosoma brucei</i> Surface Antigens from the Genomic Archive. <i>PLoS Genetics</i> , 2016, 12, e1005994.	3.5	34
28	Bromodomain Proteins Contribute to Maintenance of Bloodstream Form Stage Identity in the African Trypanosome. <i>PLoS Biology</i> , 2015, 13, e1002316.	5.6	58
29	The in vivo dynamics of antigenic variation in <i>Trypanosoma brucei</i> . <i>Science</i> , 2015, 347, 1470-1473.	12.6	134
30	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. <i>Cell Reports</i> , 2015, 12, 2086-2098.	6.4	87
31	RNA Editing Dynamically Rewrites the Cancer Code. <i>Trends in Cancer</i> , 2015, 1, 211-212.	7.4	11
32	A Host-Pathogen Interaction Reduced to First Principles: Antigenic Variation in <i>T. brucei</i> . <i>Results and Problems in Cell Differentiation</i> , 2015, 57, 23-46.	0.7	16
33	You break it, you fix it: functions for AID downstream of deamination. <i>Nature Immunology</i> , 2013, 14, 1112-1114.	14.5	2
34	Solubility-based genetic screen identifies RING finger protein 126 as an E3 ligase for activation-induced cytidine deaminase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1029-1034.	7.1	53
35	A comprehensive analysis of the effects of the deaminase AID on the transcriptome and methylome of activated B cells. <i>Nature Immunology</i> , 2013, 14, 749-755.	14.5	55
36	Telomere Length Affects the Frequency and Mechanism of Antigenic Variation in <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002900.	4.7	69

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37	Transcriptome-wide sequencing reveals numerous APOBEC1 mRNA-editing targets in transcript 3' UTRs. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 230-236.	8.2	217
38	MicroRNA control of lymphocyte differentiation and function. <i>Current Opinion in Immunology</i> , 2011, 23, 368-373.	5.5	71
39	A Single Zinc Ion Is Sufficient for an Active Trypanosoma brucei tRNA Editing Deaminase. <i>Journal of Biological Chemistry</i> , 2011, 286, 20366-20374.	3.4	18
40	The C-terminal end of the Trypanosoma brucei editing deaminase plays a critical role in tRNA binding. <i>Rna</i> , 2011, 17, 1296-1306.	3.5	20
41	A Role for Autophagic Protein Beclin 1 Early in Lymphocyte Development. <i>Journal of Immunology</i> , 2011, 186, 2201-2209.	0.8	96
42	Using T. brucei as a biological epitope-display platform to elicit specific antibody responses. <i>Journal of Immunological Methods</i> , 2010, 362, 190-194.	1.4	9
43	MicroRNAs of the immune system. <i>Annals of the New York Academy of Sciences</i> , 2010, 1183, 183-194.	3.8	149
44	Cytidine deaminases: Aiding DNA demethylation?. <i>Genes and Development</i> , 2010, 24, 2107-2114.	5.9	109
45	Diverse functions for DNA and RNA editing in the immune system. <i>RNA Biology</i> , 2010, 7, 220-228.	3.1	47
46	MicroRNA-155 Modulates Transforming Growth Factor- β Signaling In Chronic Lymphocytic Leukemia through Targeting of Casein Kinase β Isoform 2. <i>Blood</i> , 2010, 116, 3584-3584.	1.4	0
47	Switch recombination and somatic hypermutation are controlled by the heavy chain 3' enhancer region. <i>Journal of Experimental Medicine</i> , 2009, 206, 2613-2623.	8.5	58
48	A yeast-endonuclease-generated DNA break induces antigenic switching in Trypanosoma brucei. <i>Nature</i> , 2009, 459, 278-281.	27.8	135
49	A coming-of-age story: activation-induced cytidine deaminase turns 10. <i>Nature Immunology</i> , 2009, 10, 1147-1153.	14.5	92
50	Long Noncoding RNAs: Implications for Antigen Receptor Diversification. <i>Advances in Immunology</i> , 2009, 104, 25-50.	2.2	3
51	MicroRNA-155 Is a Negative Regulator of Activation-Induced Cytidine Deaminase. <i>Immunity</i> , 2008, 28, 621-629.	14.3	410
52	Viral induction of AID is independent of the interferon and the Toll-like receptor signaling pathways but requires NF- κ B. <i>Journal of Experimental Medicine</i> , 2007, 204, 259-265.	8.5	46
53	Beyond SHM and CSR: AID and Related Cytidine Deaminases in the Host Response to Viral Infection. <i>Advances in Immunology</i> , 2007, 94, 215-244.	2.2	38
54	C to U editing at position 32 of the anticodon loop precedes tRNA 5' leader removal in trypanosomatids. <i>Nucleic Acids Research</i> , 2007, 35, 6740-6749.	14.5	24

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55	Regulation of AID expression in the immune response. <i>Journal of Experimental Medicine</i> , 2007, 204, 1145-1156.	8.5	229
56	A Mammalian microRNA Expression Atlas Based on Small RNA Library Sequencing. <i>Cell</i> , 2007, 129, 1401-1414.	28.9	3,390
57	An adenosine-to-inosine tRNA-editing enzyme that can perform C-to-U deamination of DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7821-7826.	7.1	89
58	Immunoglobulin Somatic Hypermutation. <i>Annual Review of Genetics</i> , 2007, 41, 107-120.	7.6	224
59	A Role for Activation-Induced Cytidine Deaminase in the Host Response against a Transforming Retrovirus. <i>Immunity</i> , 2006, 24, 779-786.	14.3	96
60	The Transcription Elongation Complex Directs Activation-Induced Cytidine Deaminase-Mediated DNA Deamination. <i>Molecular and Cellular Biology</i> , 2006, 26, 4378-4385.	2.3	64
61	The regulation of somatic hypermutation. <i>Current Opinion in Immunology</i> , 2004, 16, 241-245.	5.5	24
62	A Modified Digestion-Circularization PCR (DC-PCR) Approach to Detect Hypermutation-Associated DNA Double-Strand Breaks. <i>Annals of the New York Academy of Sciences</i> , 2003, 987, 135-139.	3.8	0
63	AID Mediates Hypermutation by Deaminating Single Stranded DNA. <i>Journal of Experimental Medicine</i> , 2003, 197, 1291-1296.	8.5	406
64	The Activation-induced Deaminase Functions in a Postcleavage Step of the Somatic Hypermutation Process. <i>Journal of Experimental Medicine</i> , 2002, 195, 1193-1198.	8.5	106
65	Somatic Hypermutation of Immunoglobulin Genes. <i>Cell</i> , 2002, 109, S35-S44.	28.9	201
66	Cell-cycle-regulated DNA double-strand breaks in somatic hypermutation of immunoglobulin genes. <i>Nature</i> , 2000, 408, 216-221.	27.8	250
67	Transfer RNA Editing Enzymes; At the Crossroads of Affinity and Specificity. , 0, , 121-145.		0
68	Inducible Natural IgMs Bridge Trypanosome Lytic Factor Assembly and Parasite Recognition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0