

# Marilyn Diaz

## List of Publications by Year in descending order

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40  
papers

2,266  
citations

279701

23  
h-index

330025

37  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2465  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Translesion DNA Polymerase $\eta$ Plays a Major Role in Ig and bcl-6 Somatic Hypermutation. <i>Immunity</i> , 2001, 14, 643-653.	6.6	199
2	Cutting Edge: DGYW/WRCH Is a Better Predictor of Mutability at G:C Bases in Ig Hypermutation Than the Widely Accepted RGYW/WRCY Motif and Probably Reflects a Two-Step Activation-Induced Cytidine Deaminase-Triggered Process. <i>Journal of Immunology</i> , 2004, 172, 3382-3384.	0.4	184
3	Autoreactivity in an HIV-1 broadly reactive neutralizing antibody variable region heavy chain induces immunologic tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 181-186.	3.3	172
4	Mechanisms of environmental influence on human autoimmunity: A national institute of environmental health sciences expert panel workshop. <i>Journal of Autoimmunity</i> , 2012, 39, 272-284.	3.0	151
5	Decreased Frequency of Somatic Hypermutation and Impaired Affinity Maturation but Intact Germinal Center Formation in Mice Expressing Antisense RNA to DNA Polymerase $\eta$ . <i>Journal of Immunology</i> , 2001, 167, 327-335.	0.4	141
6	Activation-induced Cytosine Deaminase (AID) Is Actively Exported out of the Nucleus but Retained by the Induction of DNA Breaks. <i>Journal of Biological Chemistry</i> , 2004, 279, 26395-26401.	1.6	136
7	Mutational pattern of the nurse shark antigen receptor gene (NAR) is similar to that of mammalian Ig genes and to spontaneous mutations in evolution: the translesion synthesis model of somatic hypermutation. <i>International Immunology</i> , 1999, 11, 825-833.	1.8	117
8	Somatic immunoglobulin hypermutation. <i>Current Opinion in Immunology</i> , 2002, 14, 235-240.	2.4	99
9	Structural analysis, selection, and ontogeny of the shark new antigen receptor (IgNAR): identification of a new locus preferentially expressed in early development. <i>Immunogenetics</i> , 2002, 54, 501-512.	1.2	97
10	Rescue of HIV-1 Broad Neutralizing Antibody-Expressing B Cells in 2F5 VH $\Delta$ - VL Knockin Mice Reveals Multiple Tolerance Controls. <i>Journal of Immunology</i> , 2011, 187, 3785-3797.	0.4	97
11	Evolution of somatic hypermutation and gene conversion in adaptive immunity. <i>Immunological Reviews</i> , 1998, 162, 13-24.	2.8	88
12	Abrogation of Lupus Nephritis in Activation-Induced Deaminase-Deficient MRL/lpr Mice. <i>Journal of Immunology</i> , 2007, 178, 7422-7431.	0.4	88
13	Autoreactivity in HIV-1 broadly neutralizing antibodies. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 224-234.	1.5	71
14	A Smad Signaling Network Regulates Islet Cell Proliferation. <i>Diabetes</i> , 2014, 63, 224-236.	0.3	64
15	Unprecedented Multiplicity of Ig Transmembrane and Secretory mRNA Forms in the Cartilaginous Fish. <i>Journal of Immunology</i> , 2004, 173, 1129-1139.	0.4	57
16	Decreased frequency and highly aberrant spectrum of ultraviolet-induced mutations in the hprt gene of mouse fibroblasts expressing antisense RNA to DNA polymerase zeta. <i>Molecular Cancer Research</i> , 2003, 1, 836-47.	1.5	54
17	Activation-induced deaminase-deficient MRL/lpr mice secrete high levels of protective antibodies against lupus nephritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1086-1096.	6.7	52
18	An update on the role of translesion synthesis DNA polymerases in Ig hypermutation. <i>Trends in Immunology</i> , 2005, 26, 215-220.	2.9	51

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19	Altered Ig Hypermutation Pattern and Frequency in Complementary Mouse Models of DNA Polymerase $\lambda$ Activity. <i>Journal of Immunology</i> , 2012, 188, 5528-5537.	0.4	40
20	Activation-induced deaminase heterozygous MRL/lpr mice are delayed in the production of high-affinity pathogenic antibodies and in the development of lupus nephritis. <i>Immunology</i> , 2009, 126, 102-113.	2.0	38
21	Activation-induced deaminase, AID, is catalytically active as a monomer on single-stranded DNA. <i>DNA Repair</i> , 2008, 7, 77-87.	1.3	36
22	Smad signaling pathways regulate pancreatic endocrine development. <i>Developmental Biology</i> , 2013, 378, 83-93.	0.9	32
23	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.	1.1	28
24	Known components of the immunoglobulin A:T mutational machinery are intact in Burkitt lymphoma cell lines with G:C bias. <i>Molecular Immunology</i> , 2007, 44, 2659-2666.	1.0	25
25	Evolution and the molecular basis of somatic hypermutation of antigen receptor genes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 67-72.	1.8	24
26	Apoptotic Debris Accumulates on Hematopoietic Cells and Promotes Disease in Murine and Human Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2016, 196, 4030-4039.	0.4	21
27	Speckled-like Pattern in the Germinal Center (SLIP-GC), a Nuclear GTPase Expressed in Activation-induced Deaminase-expressing Lymphomas and Germinal Center B Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 30652-30661.	1.6	20
28	Did the Molecules of Adaptive Immunity Evolve from the Innate Immune System?. <i>Integrative and Comparative Biology</i> , 2003, 43, 338-346.	0.9	18
29	Relative Roles of Somatic and Darwinian Evolution in Shaping the Antibody Response. <i>Immunologic Research</i> , 2000, 21, 89-102.	1.3	11
30	A novel cytidine deaminase AIDs in the delivery of error-prone polymerases to immunoglobulin genes. <i>DNA Repair</i> , 2003, 2, 623-627.	1.3	9
31	Activation-induced deaminase contributes to the antibody-independent role of B cells in the development of autoimmunity. <i>Autoimmunity</i> , 2012, 45, 440-448.	1.2	9
32	The role of activation-induced deaminase in Lupus Nephritis. <i>Autoimmunity</i> , 2013, 46, 115-120.	1.2	9
33	Enzymatic Cytosine Deamination. <i>Molecular Cell</i> , 2002, 10, 962-963.	4.5	8
34	Mutagenesis by AID, a molecule critical to immunoglobulin hypermutation, is not caused by an alteration of the precursor nucleotide pool. <i>Molecular Immunology</i> , 2003, 40, 261-268.	1.0	8
35	Altered Pattern of Immunoglobulin Hypermutation in Mice Deficient in Slip-GC Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 31856-31865.	1.6	7
36	B cells break the rules. <i>Nature</i> , 2009, 460, 184-186.	13.7	2

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37	Activation-Induced Deaminase in Immunity and Autoimmunity: Introduction. <i>Autoimmunity</i> , 2013, 46, 81-82.	1.2	2
38	Response to AID a monomer in solution. <i>DNA Repair</i> , 2008, 7, 351-352.	1.3	0
39	AID in Aging and in Autoimmune Disease. <i>Molecular Medicine and Biotechnology</i> , 2010, , 187-213.	0.4	0
40	The Role of IgM Antibodies in T Cell Lymphoma Protection in a Novel Model Resembling Anaplastic Large Cell Lymphoma. <i>Journal of Immunology</i> , 2021, 206, 2468-2477.	0.4	0