Cristina Rada

List of Publications by Year
in descending order

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39 papers	4,095 citations	201674 27 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	3794 citing authors

#	Article	IF	Citations
1	Immunoglobulin Isotype Switching Is Inhibited and Somatic Hypermutation Perturbed in UNG-Deficient Mice. Current Biology, 2002, 12, 1748-1755.	3.9	648
2	Mismatch Recognition and Uracil Excision Provide Complementary Paths to Both Ig Switching and the A/T-Focused Phase of Somatic Mutation. Molecular Cell, 2004, 16, 163-171.	9.7	428
3	Hot Spot Focusing of Somatic Hypermutation in MSH2-Deficient Mice Suggests Two Stages of Mutational Targeting. Immunity, 1998, 9, 135-141.	14.3	354
4	DNA deaminases induce break-associated mutation showers with implication of APOBEC3B and 3A in breast cancer kataegis. ELife, 2013, 2, e00534.	6.0	322
5	Comparison of the Differential Context-dependence of DNA Deamination by APOBEC Enzymes: Correlation with Mutation Spectra in Vivo. Journal of Molecular Biology, 2004, 337, 585-596.	4.2	306
6	The topography of mutational processes in breast cancer genomes. Nature Communications, 2016, 7, 11383.	12.8	235
7	The in vivo pattern of AID targeting to immunoglobulin switch regions deduced from mutation spectra in msh2â^'/â^' ungâ^'/â^' mice. Journal of Experimental Medicine, 2006, 203, 2085-2094.	8.5	162
8	Somatic hypermutation at AÂ·T pairs: polymerase error versus dUTP incorporation. Nature Reviews Immunology, 2005, 5, 171-178.	22.7	132
9	Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNBL1. Molecular Cell, 2008, 31, 474-484.	9.7	127
10	AID-GFP chimeric protein increases hypermutation of Ig genes with no evidence of nuclear localization. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7003-7008.	7.1	119
11	Monitoring and interpreting the intrinsic features of somatic hypermutation. Immunological Reviews, 1998, 162, 107-116.	6.0	117
12	Active demethylation in mouse zygotes involves cytosine deamination and base excision repair. Epigenetics and Chromatin, 2013, 6, 39.	3.9	98
13	The 5â€² boundary of somatic hypermutation in a VÏ‡ gene is in the leader intron. European Journal of Immunology, 1994, 24, 1453-1457.	2.9	91
14	SMUG1 is able to excise uracil from immunoglobulin genes: insight into mutation versus repair. EMBO Journal, 2006, 25, 585-595.	7.8	90
15	Altering the spectrum of immunoglobulin V gene somatic hypermutation by modifying the active site of AID. Journal of Experimental Medicine, 2010, 207, 141-153.	8.5	90
16	Germline ablation of SMUG1 DNA glycosylase causes loss of 5-hydroxymethyluracil- and UNG-backup uracil-excision activities and increases cancer predisposition of Ungâ^'/â^'Msh2â^'/â^' mice. Nucleic Acids Research, 2012, 40, 6016-6025.	14.5	89
17	The stability of AID and its function in class-switching are critically sensitive to the identity of its nuclear-export sequence. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6736-6741.	7.1	77
18	AID upmutants isolated using a high-throughput screen highlight the immunity/cancer balance limiting DNA deaminase activity. Nature Structural and Molecular Biology, 2009, 16, 769-776.	8.2	72

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19	Somatic hypermutation: activation-induced deaminase for C/G followed by polymerase Î· for A/T. Journal of Experimental Medicine, 2007, 204, 7-10.	8.5	63
20	Active RNAP pre-initiation sites are highly mutated by cytidine deaminases in yeast, with AID targeting small RNA genes. ELife, 2014, 3, e03553.	6.0	51
21	Cytoplasmic activation-induced cytidine deaminase (AID) exists in stoichiometric complex with translation elongation factor 1Î± (eEF1A). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18366-18371.	7.1	49
22	Intrinsic transcriptional heterogeneity in B cells controls early class switching to IgE. Journal of Experimental Medicine, 2017, 214, 183-196.	8.5	49
23	The 5â€² hypermutation boundary ofx chains is independent of local and neighbouring sequences and related to the distance from the initiation of transcription. European Journal of Immunology, 1997, 27, 3115-3120.	2.9	47
24	Uracil Accumulation and Mutagenesis Dominated by Cytosine Deamination in CpG Dinucleotides in Mice Lacking UNG and SMUG1. Scientific Reports, 2017, 7, 7199.	3.3	43
25	Affinity maturation leads to differential expression of multiple copies of a Îº light-chain transgene. Nature, 1993, 363, 271-273.	27.8	41
26	CTNNBL1 Is a Novel Nuclear Localization Sequence-binding Protein That Recognizes RNA-splicing Factors CDC5L and Prp31. Journal of Biological Chemistry, 2011, 286, 17091-17102.	3.4	41
27	Uracil excision by endogenous SMUG 1 glycosylase promotes efficient I g class switching and impacts on A : T substitutions during somatic mutation. European Journal of Immunology, 2014, 44, 1925-1935.	2.9	40
28	Apobec2 deficiency causes mitochondrial defects and mitophagy in skeletal muscle. FASEB Journal, 2018, 32, 1428-1439.	0.5	20
29	CTNNBL1 facilitates the association of CWC15 with CDC5L and is required to maintain the abundance of the Prp19 spliceosomal complex. Nucleic Acids Research, 2015, 43, 7058-7069.	14.5	19
30	The cytoplasmic AID complex. Seminars in Immunology, 2012, 24, 273-280.	5.6	18
31	Epigenetics: Monoallelic Expression in the Immune System. Current Biology, 2002, 12, R108-R110.	3.9	16
32	Deficiency in spliceosome-associated factor CTNNBL1 does not affect ongoing cell cycling but delays exit from quiescence and results in embryonic lethality in mice. Cell Cycle, 2013, 12, 732-742.	2.6	13
33	The maturation of the antibody response. , 1995, , 57-81.		10
34	Structural and mutational analysis reveals that CTNNBL1 binds NLSs in a manner distinct from that of its closest armadilloâ€relative, karyopherin Î±. FEBS Letters, 2014, 588, 21-27.	2.8	5
35	Aicardiâ€“GoutiÃ¨res Syndrome associated mutations of RNase H2B impair its interaction with ZMYM3 and the CoREST histone-modifying complex. PLoS ONE, 2019, 14, e0213553.	2.5	5
36	AID and RPA: PKA makes the connection local. Nature Immunology, 2009, 10, 367-369.	14.5	4

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37	Mutagenesis by AID: Being in the Right Place at the Right Time. PLoS Genetics, 2015, 11, e1005489.	3.5	2
38	Harnessing mutation: The best of two worlds. Science, 2016, 353, 1206-1207.	12.6	1
39	The mechanism of somatic hypermutation at AÂ·T pairs remains an open question. Nature Reviews Immunology, 2005, 5, 180-180.	22.7	1