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	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
2	Apobec2 deficiency causes mitochondrial defects and mitophagy in skeletal muscle. FASEB Journal, 2018, 32, 1428-1439.	0.5	20
3	Intrinsic transcriptional heterogeneity in B cells controls early class switching to IgE. Journal of Experimental Medicine, 2017, 214, 183-196.	8.5	49
4	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
5	Harnessing mutation: The best of two worlds. Science, 2016, 353, 1206-1207.	12.6	1
6	The topography of mutational processes in breast cancer genomes. Nature Communications, 2016, 7, 11383.	12.8	235
7	Mutagenesis by AID: Being in the Right Place at the Right Time. PLoS Genetics, 2015, 11, e1005489.	3.5	2
8	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
9	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
10	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
11	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
12	Active demethylation in mouse zygotes involves cytosine deamination and base excision repair. Epigenetics and Chromatin, 2013, 6, 39.	3.9	98
13	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
14	DNA deaminases induce break-associated mutation showers with implication of APOBEC3B and 3A in breast cancer kataegis. ELife, 2013, 2, e00534.	6.0	322
15	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
16	The cytoplasmic AID complex. Seminars in Immunology, 2012, 24, 273-280.	5.6	18
17	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
18	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

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19	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
20	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
21	AID and RPA: PKA makes the connection local. Nature Immunology, 2009, 10, 367-369.	14.5	4
22	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
23	Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNBL1. Molecular Cell, 2008, 31, 474-484.	9.7	127
24	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
25	SMUG1 is able to excise uracil from immunoglobulin genes: insight into mutation versus repair. EMBO Journal, 2006, 25, 585-595.	7.8	90
26	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
27	Somatic hypermutation at AÂ·T pairs: polymerase error versus dUTP incorporation. Nature Reviews Immunology, 2005, 5, 171-178.	22.7	132
28	The mechanism of somatic hypermutation at AÂ·T pairs remains an open question. Nature Reviews Immunology, 2005, 5, 180-180.	22.7	1
29	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
30	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
31	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
32	Epigenetics: Monoallelic Expression in the Immune System. Current Biology, 2002, 12, R108-R110.	3.9	16
33	Immunoglobulin Isotype Switching Is Inhibited and Somatic Hypermutation Perturbed in UNG-Deficient Mice. Current Biology, 2002, 12, 1748-1755.	3.9	648
34	Monitoring and interpreting the intrinsic features of somatic hypermutation. Immunological Reviews, 1998, 162, 107-116.	6.0	117
35	Hot Spot Focusing of Somatic Hypermutation in MSH2-Deficient Mice Suggests Two Stages of Mutational Targeting. Immunity, 1998, 9, 135-141.	14.3	354
36	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

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37	The maturation of the antibody response. , 1995, , 57-81.		10
38	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
39	Affinity maturation leads to differential expression of multiple copies of a Îº light-chain transgene. Nature, 1993, 363, 271-273.	27.8	41