

Sergio Roa

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,768
citations

304602

22
h-index

330025

37
g-index

42
all docs

42
docs citations

42
times ranked

5374
citing authors

#	ARTICLE	IF	CITATIONS
1	The PD-1/PD-L1 Checkpoint in Normal Germinal Centers and Diffuse Large B-Cell Lymphomas. <i>Cancers</i> , 2021, 13, 4683.	1.7	9
2	CLL intraclonal fractions exhibit established and recently acquired patterns of DNA methylation. <i>Blood Advances</i> , 2020, 4, 893-905.	2.5	5
3	YRNAs overexpression and potential implications in allergy. <i>World Allergy Organization Journal</i> , 2019, 12, 100047.	1.6	4
4	PD-1/PD-L1 immune checkpoint and p53 loss facilitate tumor progression in activated B-cell diffuse large B-cell lymphomas. <i>Blood</i> , 2019, 133, 2401-2412.	0.6	54
5	Richter transformation driven by Epstein-Barr virus reactivation during therapy-related immunosuppression in chronic lymphocytic leukaemia. <i>Journal of Pathology</i> , 2018, 245, 61-73.	2.1	24
6	Discovery of Reversible DNA Methyltransferase and Lysine Methyltransferase G9a Inhibitors with Antitumoral in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6518-6545.	2.9	36
7	Detailed Exploration around 4-Aminoquinolines Chemical Space to Navigate the Lysine Methyltransferase G9a and DNA Methyltransferase Biological Spaces. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6546-6573.	2.9	19
8	miR-28 regulates the germinal center reaction and blocks tumor growth in preclinical models of non-Hodgkin lymphoma. <i>Blood</i> , 2017, 129, 2408-2419.	0.6	52
9	Discovery of first-in-class reversible dual small molecule inhibitors against G9a and DNMTs in hematological malignancies. <i>Nature Communications</i> , 2017, 8, 15424.	5.8	109
10	Homeobox NKX2-3 promotes marginal-zone lymphomagenesis by activating B-cell receptor signalling and shaping lymphocyte dynamics. <i>Nature Communications</i> , 2016, 7, 11889.	5.8	42
11	Genome-wide expression profiling of B lymphocytes reveals IL4R increase in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 972-975.	1.5	20
12	Inhibition of the Methyltransferase G9a with Small Molecules As a New Therapeutic Strategy for Treatment of Hematological Malignancies. <i>Blood</i> , 2014, 124, 3532-3532.	0.6	2
13	LITAF, a BCL6 target gene, regulates autophagy in mature B-cell lymphomas. <i>British Journal of Haematology</i> , 2013, 162, 621-630.	1.2	39
14	Immune System and Atopic Disorders. <i>SpringerBriefs in Genetics</i> , 2013, , 3-21.	0.1	0
15	Mammalian Exo1 encodes both structural and catalytic functions that play distinct roles in essential biological processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2470-9.	3.3	68
16	Downregulation of FOXP1 is required during germinal center B-cell function. <i>Blood</i> , 2013, 121, 4311-4320.	0.6	62
17	The ATPase activity of MLH1 is required to orchestrate DNA double-strand breaks and end processing during class switch recombination. <i>Journal of Experimental Medicine</i> , 2012, 209, 671-678.	4.2	25
18	Germline Deletion of Igh Regulatory Region Elements hs 5, 6, 7 (hs5-7) Affects B Cell-Specific Regulation, Rearrangement, and Insulation of the Igh Locus. <i>Journal of Immunology</i> , 2012, 188, 2556-2566.	0.4	42

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19	IGHV-unmutated and IGHV-mutated chronic lymphocytic leukemia cells produce activation-induced deaminase protein with a full range of biologic functions. <i>Blood</i> , 2012, 120, 4802-4811.	0.6	52
20	AIDing antibody diversity by error-prone mismatch repair. <i>Seminars in Immunology</i> , 2012, 24, 293-300.	2.7	59
21	Mismatch-mediated error prone repair at the immunoglobulin genes. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 529-536.	2.5	23
22	Intraclonal Complexity in Chronic Lymphocytic Leukemia: Fractions Enriched in Recently Born/Divided and Older/Quiescent Cells. <i>Molecular Medicine</i> , 2011, 17, 1374-1382.	1.9	140
23	Molecular Genetics and Cytogenetics in Cancer. <i>Genetics Research International</i> , 2011, 2011, 1-2.	2.0	1
24	LITAF, a BCL6 Target Gene, Regulates Autophagia in B Cells and Is Essential for T-Cell Dependent Humoral Responses. <i>Blood</i> , 2011, 118, 1391-1391.	0.6	1
25	The multidimensional nature of epigenetic information and its role in disease. <i>Discovery Medicine</i> , 2011, 11, 233-43.	0.5	16
26	Crosstalk between genetic and epigenetic information through cytosine deamination. <i>Trends in Genetics</i> , 2010, 26, 443-448.	2.9	34
27	MSH2/MSH6 Complex Promotes Error-Free Repair of AID-Induced dU:G Mispairs as well as Error-Prone Hypermutation of A:T Sites. <i>PLoS ONE</i> , 2010, 5, e11182.	1.1	34
28	PMS2 endonuclease activity has distinct biological functions and is essential for genome maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13384-13389.	3.3	68
29	The RNF8/RNF168 ubiquitin ligase cascade facilitates class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 809-814.	3.3	70
30	V-region mutation in vitro, in vivo, and in silico reveal the importance of the enzymatic properties of AID and the sequence environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8629-8634.	3.3	37
31	SHMTool: A webserver for comparative analysis of somatic hypermutation datasets. <i>DNA Repair</i> , 2009, 8, 137-141.	1.3	36
32	The Biochemistry of Somatic Hypermutation. <i>Annual Review of Immunology</i> , 2008, 26, 481-511.	9.5	404
33	Ubiquitylated PCNA plays a role in somatic hypermutation and class-switch recombination and is required for meiotic progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16248-16253.	3.3	99
34	Molecular Analysis of Activation-Induced Cytidine Deaminase Gene in Immunoglobulin-E Deficient Patients. <i>Clinical and Developmental Immunology</i> , 2008, 2008, 1-6.	3.3	9
35	Does antisense make sense of AID targeting?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3661-3662.	3.3	10
36	Quantitative analysis of bcl-2 expression in normal and leukemic human B-cell differentiation. <i>Leukemia</i> , 2004, 18, 491-498.	3.3	54

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37	Lack of association between the 7888 C/T polymorphism in the AID gene and atopy in a Spanish population. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 460.	1.5	5