

# JosÃ© Luis Vizmanos

## List of Publications by Year in descending order

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58  
papers

1,553  
citations

331670

21  
h-index

330143

37  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex PCR Assay for the Identification and Differentiation of all Brucella Species and the Vaccine Strains Brucella abortus S19 and RB51 and Brucella melitensis Rev1. Clinical Chemistry, 2006, 52, 779-781.	3.2	149
2	Novel translocations that disrupt the platelet-derived growth factor receptor $\beta^2$ (PDGFRB) gene in BCR-ABL-negative chronic myeloproliferative disorders. British Journal of Haematology, 2003, 120, 251-256.	2.5	87
3	Oncofuse: a computational framework for the prediction of the oncogenic potential of gene fusions. Bioinformatics, 2013, 29, 2539-2546.	4.1	87
4	TICdb: a collection of gene-mapped translocation breakpoints in cancer. BMC Genomics, 2007, 8, 33.	2.8	74
5	Methylation of CpG dinucleotides and/or CCWGG motifs at the promoter of TP53 correlates with decreased gene expression in a subset of acute lymphoblastic leukemia patients. Oncogene, 2003, 22, 1070-1072.	5.9	73
6	Disruption and aberrant expression of HMGA2 as a consequence of diverse chromosomal translocations in myeloid malignancies. Leukemia, 2005, 19, 245-252.	7.2	69
7	NIN, a Gene Encoding a CEP110-Like Centrosomal Protein, Is Fused to PDGFRB in a Patient with a t(5;14)(q33;q24) and an Imatinib-Responsive Myeloproliferative Disorder 1. Cancer Research, 2004, 64, 2673-2676.	0.9	67
8	Phenolic Compounds Inhibit 3T3-L1 Adipogenesis Depending on the Stage of Differentiation and Their Binding Affinity to PPAR $\gamma$ . Molecules, 2019, 24, 1045.	3.8	61
9	A Simple and a Reliable Method to Quantify Antioxidant Activity In Vivo. Antioxidants, 2019, 8, 142.	5.1	59
10	TP53 is frequently altered by methylation, mutation, and/or deletion in acute lymphoblastic leukaemia. Molecular Carcinogenesis, 2003, 38, 201-208.	2.7	58
11	Clinical variability of patients with the t(6;8)(q27;p12) and FGFR1OP-FGFR1 fusion: two further cases. The Hematology Journal, 2004, 5, 534-537.	1.4	49
12	Molecular heterogeneity in AML/MDS patients with 3q21q26 rearrangements. Genes Chromosomes and Cancer, 2004, 40, 179-189.	2.8	46
13	JAK2 V617F mutation in classic chronic myeloproliferative diseases: a report on a series of 349 patients. Leukemia, 2006, 20, 534-535.	7.2	41
14	A Gain of Function Mutation in JAK2 Is Frequently Found in Patients with AML-M2 and Normal Karyotype. Blood, 2005, 106, 2366-2366.	1.4	40
15	Effects of Sample Size and Full Sibs on Genetic Diversity Characterization: A Case Study of Three Syntopic Iberian Pond-Breeding Amphibians. Journal of Heredity, 2017, 108, 535-543.	2.4	33
16	NUP98 is fused to adducin 3 in a patient with T-cell acute lymphoblastic leukemia and myeloid markers, with a new translocation t(10;11)(q25;p15). Cancer Research, 2003, 63, 3079-83.	0.9	31
17	A novel gene, MDS2, is fused to ETV6/TEL in a t(1;12)(p36.1;p13) in a patient with myelodysplastic syndrome. Genes Chromosomes and Cancer, 2002, 35, 11-19.	2.8	28
18	t(10;16)(q22;p13) and MORF-CREBBP fusion is a recurrent event in acute myeloid leukemia. Genes Chromosomes and Cancer, 2003, 36, 402-405.	2.8	28

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19	Genomic Hallmarks of Genes Involved in Chromosomal Translocations in Hematological Cancer. PLoS Computational Biology, 2012, 8, e1002797.	3.2	27
20	Transforming and Tumorigenic Activity of JAK2 by Fusion to BCR: Molecular Mechanisms of Action of a Novel BCR-JAK2 Tyrosine-Kinase. PLoS ONE, 2012, 7, e32451.	2.5	27
21	Cytogenetic profile of myelodysplastic syndromes with complex karyotypes: an analysis using spectral karyotyping. Cancer Genetics and Cytogenetics, 2004, 153, 39-47.	1.0	24
22	Phenolic Compounds Reduce the Fat Content in Caenorhabditis elegans by Affecting Lipogenesis, Lipolysis, and Different Stress Responses. Pharmaceuticals, 2020, 13, 355.	3.8	23
23	Bioinformatic analyses of CALR mutations in myeloproliferative neoplasms support a role in signaling. Leukemia, 2014, 28, 2106-2109.	7.2	20
24	Cyclodextrin-grafted poly(anhydride) nanoparticles for oral glibenclamide administration. In vivo evaluation using C. elegans. International Journal of Pharmaceutics, 2018, 547, 97-105.	5.2	20
25	<i>Borago officinalis</i> seed oil (BSO), a natural source of omega-6 fatty acids, attenuates fat accumulation by activating peroxisomal beta-oxidation both in <i>C. elegans</i> and in diet-induced obese rats. Food and Function, 2018, 9, 4340-4351.	4.6	20
26	CBL mutations in myeloproliferative neoplasms are also found in the gene's proline-rich domain and in patients with the V617FJAK2. Haematologica, 2012, 97, 1234-1241.	3.5	19
27	Broccoli extract improves high fat diet-induced obesity, hepatic steatosis and glucose intolerance in Wistar rats. Journal of Functional Foods, 2019, 59, 319-328.	3.4	19
28	Signatures of Selection in Fusion Transcripts Resulting From Chromosomal Translocations in Human Cancer. PLoS ONE, 2009, 4, e4805.	2.5	19
29	LNK can also be mutated outside PH and SH2 domains in myeloproliferative neoplasms with and without V617FJAK2 mutation. Leukemia Research, 2011, 35, 1537-1539.	0.8	18
30	Dihomo-gamma-linolenic acid induces fat loss in <i>C. elegans</i> in an omega-3-independent manner by promoting peroxisomal fatty acid $\beta$ -oxidation. Food and Function, 2018, 9, 1621-1637.	4.6	18
31	Improvement of antioxidant activity of oregano ( <i>Origanum vulgare</i> L.) with an oral pharmaceutical form. Biomedicine and Pharmacotherapy, 2020, 129, 110424.	5.6	17
32	A Broad Overview of Signaling in Ph-Negative Classic Myeloproliferative Neoplasms. Cancers, 2021, 13, 984.	3.7	17
33	Degree and distribution of variability in the 5' untranslated, E1, E2/NS1 and NS5 regions of the hepatitis C virus (HCV). Journal of Viral Hepatitis, 1998, 5, 227-240.	2.0	16
34	Methylation status of SOCS1 and SOCS3 in BCR-ABL negative and JAK2V617F negative chronic myeloproliferative neoplasms. Leukemia Research, 2008, 32, 1638-1640.	0.8	16
35	Chromosome translocations in cancer: computational evidence for the random generation of double-strand breaks. Trends in Genetics, 2006, 22, 193-196.	6.7	15
36	Low doses of cocoa extract supplementation ameliorate diet-induced obesity and insulin resistance in rats. Food and Function, 2019, 10, 4811-4822.	4.6	15

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37	InÂvivo testing of mucus-permeating nanoparticles for oral insulin delivery using <i>Caenorhabditis elegans</i> as a model under hyperglycemic conditions. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 989-1002.	12.0	15
38	Reliable effective number of breeders/adult census size ratios in seasonal breeding species: Opportunity for integrative demographic inferences based on capture-recapture data and multilocus genotypes. <i>Ecology and Evolution</i> , 2017, 7, 10301-10314.	1.9	14
39	A new potential oncogenic mutation in the FERM domain of JAK2 in BCR/ABL1-negative and V617F-negative chronic myeloproliferative neoplasms revealed by a comprehensive screening of 17 tyrosine kinase coding genes. <i>Cancer Genetics and Cytogenetics</i> , 2010, 199, 1-8.	1.0	10
40	LIF, a Novel STAT5-Regulated Gene, Is Aberrantly Expressed in Myeloproliferative Neoplasms. <i>Genes and Cancer</i> , 2011, 2, 593-596.	1.9	8
41	A meta-analysis of TET2 mutations shows a distinct distribution pattern in de novo acute myeloid leukemia and chronic myelomonocytic leukemia. <i>Leukemia and Lymphoma</i> , 2012, 53, 1230-1233.	1.3	8
42	Zein-based nanocarriers for the oral delivery of insulin. In vivo evaluation in <i>Caenorhabditis elegans</i> . <i>Drug Delivery and Translational Research</i> , 2021, 11, 647-658.	5.8	8
43	NUP98 is fused to HOXA9 in a variant complex t(7;11;13;17) in a patient with AML-M2. <i>Cancer Genetics and Cytogenetics</i> , 2005, 157, 151-156.	1.0	7
44	A combination of borage seed oil and quercetin reduces fat accumulation and improves insulin sensitivity in obese rats. <i>Food and Function</i> , 2020, 11, 4512-4524.	4.6	7
45	Peptide Inhibitors of Hepatitis C Virus NS3 Protease. <i>Antiviral Chemistry and Chemotherapy</i> , 2003, 14, 225-233.	0.6	6
46	Cryptic ins(2;11) with clonal evolution showing amplification of 11q23q25 either on hsr(11) or on dmin, in a patient with AML-M2. <i>Leukemia</i> , 2004, 18, 2041-2044.	7.2	6
47	CBL RING finger deletions are common in core-binding factor acute myeloid leukemias. <i>Leukemia and Lymphoma</i> , 2013, 54, 428-431.	1.3	6
48	p.Y317H is a new <i>JAK2</i> gain-of-function mutation affecting the FERM domain in a myelofibrosis patient with <i>CALR</i> mutation. <i>Haematologica</i> , 2017, 102, e328-e331.	3.5	6
49	Exon Concatenation to Increase the Efficiency of Mutation Screening by DGGE. <i>BioTechniques</i> , 2002, 32, 1064-1070.	1.8	5
50	Two new molecular PML-RARalpha variants: implications for the molecular diagnosis of APL. <i>Haematologica</i> , 2002, 87, ELT37.	3.5	5
51	Low frequency of JAK2 exon 12 mutations in classic and atypical CMPDs. <i>Leukemia Research</i> , 2008, 32, 1485-1487.	0.8	3
52	A new <i>KRT16</i> mutation associated with a phenotype of pachyonychia congenita. <i>Experimental Dermatology</i> , 2013, 22, 838-839.	2.9	3
53	Analysis of genes encoding epigenetic regulators in myeloproliferative neoplasms: Coexistence of a novel SETBP1 mutation in a patient with a p.V617F JAK2 positive myelofibrosis. <i>Molecular and Clinical Oncology</i> , 2019, 10, 639-643.	1.0	2
54	The GCGGAA gene-regulatory motif of herpes simplex virus type-1 is also found in hepatitis C virus. <i>Gene</i> , 1995, 154, 131-132.	2.2	1

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55	Remission of acute monocytic leukemia, secondary to treatment with epipodophyllotoxins, in a patient with t(8;16)(p11;p13) and MYST3-CREBBP fusion. <i>Cancer Genetics and Cytogenetics</i> , 2004, 152, 177-178.	1.0	1
56	A simple approach for classifying new mutations as somatic or germinal in DNA samples lacking paired tissue. <i>BioTechniques</i> , 2014, 56, 327-9.	1.8	1
57	Constitutional genetic association with CALR mutations?. <i>Leukemia</i> , 2015, 29, 2410-2411.	7.2	1
58	Quantification of PDGFRA alternative transcripts improves the screening for PDGFRA fusions by reverse transcriptase-polymerase chain reaction. <i>Leukemia and Lymphoma</i> , 2010, 51, 1720-1726.	1.3	0