

Ana Maria Aransay

List of Publications by Year in descending order

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102
papers

4,625
citations

101543

36
h-index

110387

64
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112
all docs

112
docs citations

112
times ranked

9937
citing authors

#	ARTICLE	IF	CITATIONS
1	Schwann cell autophagy, myelinophagy, initiates myelin clearance from injured nerves. <i>Journal of Cell Biology</i> , 2015, 210, 153-168.	5.2	322
2	miRanalyzer: a microRNA detection and analysis tool for next-generation sequencing experiments. <i>Nucleic Acids Research</i> , 2009, 37, W68-W76.	14.5	283
3	Loss of the glycine N-methyltransferase gene leads to steatosis and hepatocellular carcinoma in mice. <i>Hepatology</i> , 2008, 47, 1191-1199.	7.3	262
4	miRanalyzer: an update on the detection and analysis of microRNAs in high-throughput sequencing experiments. <i>Nucleic Acids Research</i> , 2011, 39, W132-W138.	14.5	253
5	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2017, 152, 1449-1461.e7.	1.3	209
6	Detection and Identification of Leishmania DNA within Naturally Infected Sand Flies by Seminested PCR on Minicircle Kinetoplastic DNA. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1933-1938.	3.1	201
7	The metabolic co-regulator PGC1 β suppresses prostate cancer metastasis. <i>Nature Cell Biology</i> , 2016, 18, 645-656.	10.3	176
8	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. <i>Nature</i> , 2017, 547, 109-113.	27.8	142
9	Gut microbiome and serum metabolome analyses identify molecular biomarkers and altered glutamate metabolism in fibromyalgia. <i>EBioMedicine</i> , 2019, 46, 499-511.	6.1	128
10	Whole Transcriptome Analysis of <i>Acinetobacter baumannii</i> Assessed by RNA-Sequencing Reveals Different mRNA Expression Profiles in Biofilm Compared to Planktonic Cells. <i>PLoS ONE</i> , 2013, 8, e72968.	2.5	127
11	Epigenetic loss of RNA-methyltransferase NSUN5 in glioma targets ribosomes to drive a stress adaptive translational program. <i>Acta Neuropathologica</i> , 2019, 138, 1053-1074.	7.7	106
12	Role of aramchol in steatohepatitis and fibrosis in mice. <i>Hepatology Communications</i> , 2017, 1, 911-927.	4.3	84
13	SOX17 regulates cholangiocyte differentiation and acts as a tumor suppressor in cholangiocarcinoma. <i>Journal of Hepatology</i> , 2017, 67, 72-83.	3.7	81
14	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. <i>Cancer Research</i> , 2018, 78, 6320-6328.	0.9	76
15	Loss of Tribbles pseudokinase-3 promotes Akt-driven tumorigenesis via FOXO inactivation. <i>Cell Death and Differentiation</i> , 2015, 22, 131-144.	11.2	70
16	Phylogenetic relationships of phlebotomine sandflies inferred from small subunit nuclear ribosomal DNA. <i>Insect Molecular Biology</i> , 2000, 9, 157-168.	2.0	69
17	S-adenosylmethionine Levels Regulate the Schwann Cell DNA Methylome. <i>Neuron</i> , 2014, 81, 1024-1039.	8.1	67
18	First detection of <i>Leishmania major</i> in peridomestic <i>Phlebotomus papatasi</i> from Isfahan province, Iran: comparison of nested PCR of nuclear ITS ribosomal DNA and semi-nested PCR of minicircle kinetoplast DNA. <i>Acta Tropica</i> , 2005, 93, 75-83.	2.0	66

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19	Patients with Cholangiocarcinoma Present Specific RNA Profiles in Serum and Urine Extracellular Vesicles Mirroring the Tumor Expression: Novel Liquid Biopsy Biomarkers for Disease Diagnosis. <i>Cells</i> , 2020, 9, 721.	4.1	63
20	Transcriptome of Extracellular Vesicles Released by Hepatocytes. <i>PLoS ONE</i> , 2013, 8, e68693.	2.5	58
21	A cytokine gene screen uncovers SOCS1 as genetic risk factor for multiple sclerosis. <i>Genes and Immunity</i> , 2012, 13, 21-28.	4.1	56
22	Epigenetic Networks Regulate the Transcriptional Program in Memory and Terminally Differentiated CD8+ T Cells. <i>Journal of Immunology</i> , 2017, 198, 937-949.	0.8	55
23	Transcriptomic profiling of urine extracellular vesicles reveals alterations of CDH3 in prostate cancer. <i>Oncotarget</i> , 2016, 7, 6835-6846.	1.8	55
24	A Pilot Study on the Potential of RNA-Associated to Urinary Vesicles as a Suitable Non-Invasive Source for Diagnostic Purposes in Bladder Cancer. <i>Cancers</i> , 2014, 6, 179-192.	3.7	54
25	microRNA profiling in duodenal ulcer disease caused by <i>Helicobacter pylori</i> infection in a Western population. <i>Clinical Microbiology and Infection</i> , 2012, 18, E273-E282.	6.0	53
26	Mitochondrial dysfunction governs immunometabolism in leukocytes of patients with acute-on-chronic liver failure. <i>Journal of Hepatology</i> , 2022, 76, 93-106.	3.7	51
27	Distinct Roles for Wnt-4 and Wnt-11 During Retinoic Acid-Induced Neuronal Differentiation. <i>Stem Cells</i> , 2011, 29, 141-153.	3.2	49
28	Conserved extended haplotypes discriminate HLA-DR3-homozygous Basque patients with type 1 diabetes mellitus and celiac disease. <i>Genes and Immunity</i> , 2006, 7, 550-554.	4.1	48
29	Prelamin A accumulation and stress conditions induce impaired Oct-1 activity and autophagy in prematurely aged human mesenchymal stem cell. <i>Aging</i> , 2014, 6, 264-280.	3.1	47
30	Distribution of sandfly species in relation to canine leishmaniasis from the Ebro Valley to Valencia, northeastern Spain. <i>Parasitology Research</i> , 2004, 94, 416-420.	1.6	46
31	Genetic Diversity of Toscana Virus. <i>Emerging Infectious Diseases</i> , 2009, 15, 574-577.	4.3	46
32	SECRETOOL: integrated secretome analysis tool for fungi. <i>Amino Acids</i> , 2014, 46, 471-473.	2.7	46
33	Typing of sandflies from Greece and Cyprus by DNA polymorphism of 18S rRNA gene. <i>Insect Molecular Biology</i> , 1999, 8, 179-184.	2.0	45
34	Population differentiation of <i>Phlebotomus perniciosus</i> in Spain following postglacial dispersal. <i>Heredity</i> , 2003, 90, 316-325.	2.6	45
35	Stratification and therapeutic potential of PML in metastatic breast cancer. <i>Nature Communications</i> , 2016, 7, 12595.	12.8	45
36	High-density SNP genotyping detects homogeneity of Spanish and French Basques, and confirms their genomic distinctiveness from other European populations. <i>Human Genetics</i> , 2010, 128, 113-117.	3.8	43

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37	Regulation of the transcriptional program by DNA methylation during human \hat{I}^2 T-cell development. <i>Nucleic Acids Research</i> , 2015, 43, 760-774.	14.5	43
38	Hepatoma Cells From Mice Deficient in Glycine N-Methyltransferase Have Increased RAS Signaling and Activation of Liver Kinase B1. <i>Gastroenterology</i> , 2012, 143, 787-798.e13.	1.3	40
39	Phenotypic characteristics of aged CD4 ⁺ CD28 ^{null} T lymphocytes are determined by changes in the whole-genome DNA methylation pattern. <i>Aging Cell</i> , 2017, 16, 293-303.	6.7	39
40	MIR-873-5p acts as an epigenetic regulator in early stages of liver fibrosis and cirrhosis. <i>Cell Death and Disease</i> , 2018, 9, 958.	6.3	38
41	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2020, 130, 3848-3864.	8.2	38
42	A synbiotic composed of <i>Lactobacillus fermentum</i> CECT5716 and FOS prevents the development of fatty acid liver and glycemic alterations in rats fed a high fructose diet associated with changes in the microbiota. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600622.	3.3	37
43	Sp1 Transcription Factor Interaction with Accumulated Prelamin A Impairs Adipose Lineage Differentiation in Human Mesenchymal Stem Cells: Essential Role of Sp1 in the Integrity of Lipid Vesicles. <i>Stem Cells Translational Medicine</i> , 2012, 1, 309-321.	3.3	35
44	ANP32E, a Protein Involved in Steroid-Refractoriness in Ulcerative Colitis, Identified by a Systems Biology Approach. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 351-361.	1.3	30
45	Controlling complexity: the clinical relevance of mouse complex genetics. <i>European Journal of Human Genetics</i> , 2013, 21, 1191-1196.	2.8	29
46	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. <i>Cell Reports</i> , 2019, 29, 860-872.e5.	6.4	29
47	Phosphoinositide 3-Kinase ϵ Regulated Pericyte Maturation Governs Vascular Remodeling. <i>Circulation</i> , 2020, 142, 688-704.	1.6	29
48	Identification of proximal SUMO-dependent interactors using SUMO-ID. <i>Nature Communications</i> , 2021, 12, 6671.	12.8	27
49	Molecular characterization of the OXA-7 beta-lactamase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 1995, 39, 1379-1382.	3.2	25
50	<i>Solute carrier family 2 member 1</i> is involved in the development of nonalcoholic fatty liver disease. <i>Hepatology</i> , 2013, 57, 505-514.	7.3	25
51	The functional R620W variant of the <i>PTPN22</i> gene is associated with celiac disease. <i>Tissue Antigens</i> , 2008, 71, 247-249.	1.0	20
52	Cluster Locator, online analysis and visualization of gene clustering. <i>Bioinformatics</i> , 2018, 34, 3377-3379.	4.1	20
53	PPAR γ Elicits Ligand-Independent Repression of Trefoil Factor Family to Limit Prostate Cancer Growth. <i>Cancer Research</i> , 2018, 78, 399-409.	0.9	20
54	Complete Genome Sequence of the Multiresistant <i>Acinetobacter baumannii</i> Strain AbH120-A2, Isolated during a Large Outbreak in Spain. <i>Genome Announcements</i> , 2014, 2, .	0.8	19

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55	VerSeDa: vertebrate secretome database. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	19
56	Combined Functional and Positional Gene Information for the Identification of Susceptibility Variants in Celiac Disease. Gastroenterology, 2008, 134, 738-746.	1.3	18
57	Fine mapping of a major histocompatibility complex in ankylosing spondylitis: Association of the <i>HLA</i>“DPA1</i> and <i>HLA</i>“DPB1</i> regions. Arthritis and Rheumatism, 2011, 63, 3305-3312.	6.7	17
58	Identification of a highly active tannase enzyme from the oral pathogen Fusobacterium nucleatum subsp. polymorphum. Microbial Cell Factories, 2018, 17, 33.	4.0	17
59	A Comprehensive Study of Vesicular and Non-Vesicular miRNAs from a Volume of Cerebrospinal Fluid Compatible with Clinical Practice. Theranostics, 2019, 9, 4567-4579.	10.0	17
60	The mitochondrial negative regulator MCJ modulates the interplay between microbiota and the host during ulcerative colitis. Scientific Reports, 2020, 10, 572.	3.3	17
61	Exploring the diabetogenicity of the HLA-B18-DR3 CEH: independent association with T1D genetic risk close to HLA-DOA. Genes and Immunity, 2009, 10, 596-600.	4.1	16
62	Methodological aspects of the molecular and histological study of prostate cancer: Focus on PTEN. Methods, 2015, 77-78, 25-30.	3.8	16
63	Intestinal epithelial deletion of the glucocorticoid receptor NR3C1 alters expression of inflammatory mediators and barrier function. FASEB Journal, 2019, 33, 14067-14082.	0.5	16
64	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. Molecular and Cellular Oncology, 2015, 2, e980134.	0.7	16
65	ITGA4 polymorphisms and susceptibility to multiple sclerosis. Journal of Neuroimmunology, 2007, 189, 151-157.	2.3	15
66	Low-dose statin treatment increases prostate cancer aggressiveness. Oncotarget, 2018, 9, 1494-1504.	1.8	15
67	Genetic association study of dyslexia and ADHD candidate genes in a Spanish cohort: Implications of comorbid samples. PLoS ONE, 2018, 13, e0206431.	2.5	15
68	A high density SNP genotyping approach within the 19q13 chromosome region identifies an association of a CNOT3 polymorphism with ankylosing spondylitis. Annals of the Rheumatic Diseases, 2012, 71, 714-717.	0.9	14
69	Comparison of methods to detect copy number alterations in cancer using simulated and real genotyping data. BMC Bioinformatics, 2012, 13, 192.	2.6	14
70	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. Scientific Reports, 2017, 7, 10740.	3.3	14
71	Integrative analysis of transcriptomics and clinical data uncovers the tumor-suppressive activity of MITF in prostate cancer. Cell Death and Disease, 2018, 9, 1041.	6.3	14
72	Diagnosis of quinolone-resistant Coxiella burnetii strains by PCR-RFLP. Journal of Clinical Laboratory Analysis, 2000, 14, 59-63.	2.1	13

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73	Isolation (with enrichment) and characterization of trinucleotide microsatellites from <i>Phlebotomus perniciosus</i> , a vector of <i>Leishmania infantum</i> . <i>Molecular Ecology Notes</i> , 2001, 1, 176-178.	1.7	13
74	The RNA-Binding Protein Human Antigen R Controls Global Changes in Gene Expression during Schwann Cell Development. <i>Journal of Neuroscience</i> , 2012, 32, 4944-4958.	3.6	12
75	Association between synapsin III gene promoter SNPs and multiple sclerosis in Basque patients. <i>Multiple Sclerosis Journal</i> , 2009, 15, 124-128.	3.0	11
76	Genetic study confirms association of HLA-DPA1 α -01:03 subtype with ankylosing spondylitis in HLA-B27-positive populations. <i>Human Immunology</i> , 2013, 74, 764-767.	2.4	11
77	seqCNA: an R package for DNA copy number analysis in cancer using high-throughput sequencing. <i>BMC Genomics</i> , 2014, 15, 178.	2.8	11
78	Whole transcriptome analysis of a reversible neurodegenerative process in <i>Drosophila</i> reveals potential neuroprotective genes. <i>BMC Genomics</i> , 2012, 13, 483.	2.8	10
79	Absent in Melanoma 2 (AIM2) Regulates the Stability of Regulatory T Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2230.	4.1	10
80	A multi-omic analysis reveals the regulatory role of CD180 during the response of macrophages to <i>Borrelia burgdorferi</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	6.5	9
81	The commensal bacterium <i>Lactiplantibacillus plantarum</i> imprints innate memory-like responses in mononuclear phagocytes. <i>Gut Microbes</i> , 2021, 13, 1939598.	9.8	8
82	Peripheral blood mononuclear cells (PBMC) microbiome is not affected by colon microbiota in healthy goats. <i>Animal Microbiome</i> , 2021, 3, 28.	3.8	8
83	Global Gene Expression Shift during the Transition from Early Neural Development to Late Neuronal Differentiation in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2014, 9, e97703.	2.5	7
84	PECAS: prokaryotic and eukaryotic classical analysis of secretome. <i>Amino Acids</i> , 2015, 47, 2659-2663.	2.7	7
85	<i>Borrelia burgdorferi</i> infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. <i>PLoS Biology</i> , 2021, 19, e3001062.	5.6	7
86	Variability in Cerebrospinal Fluid MicroRNAs Through Life. <i>Molecular Neurobiology</i> , 2020, 57, 4134-4142.	4.0	5
87	Defining a Methylation Signature Associated With Operational Tolerance in Kidney Transplant Recipients. <i>Frontiers in Immunology</i> , 2021, 12, 709164.	4.8	5
88	Bivariate segmentation of SNP-array data for allele-specific copy number analysis in tumour samples. <i>BMC Bioinformatics</i> , 2013, 14, 84.	2.6	3
89	SNP-PHAGE: High-Throughput SNP Discovery Pipeline. <i>Methods in Molecular Biology</i> , 2010, 593, 49-65.	0.9	2
90	Coding and non-coding co-expression network analysis identifies key modules and driver genes associated with precursor lesions of gastric cancer. <i>Genomics</i> , 2022, 114, 110370.	2.9	2

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91	Mitochondrial complex I dysfunction alters the balance of soluble and membrane-bound TNF during chronic experimental colitis. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
92	SOX17 Regulates Cholangiocyte Differentiation and Acts as a Tumour Suppressor in Cholangiocarcinoma. <i>Journal of Hepatology</i> , 2016, 64, S569-S570.	3.7	1
93	A fistful of tips for a fruitful high throughput sequencing experiment. <i>BioEssays</i> , 2017, 39, 1700037.	2.5	1
94	Generation, establishment and characterization of a pluripotent stem cell line (CVTTHi001-A) from primary fibroblasts isolated from a patient with activated PI3 kinase delta syndrome (APDS2). <i>Stem Cell Research</i> , 2020, 49, 102082.	0.7	1
95	Cross-sectional study of human coding- and non-coding RNAs in progressive stages of <i>Helicobacter pylori</i> infection. <i>Scientific Data</i> , 2020, 7, 296.	5.3	1
96	SALL1 Modulates CBX4 Stability, Nuclear Bodies, and Regulation of Target Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 715868.	3.7	1
97	Aramchol reduces established fibrosis in MCD diet animal model. <i>Journal of Hepatology</i> , 2017, 66, S432.	3.7	0
98	The Expression of mir-19b-3p and HIPK3 is Highly Correlated in Patients with Precancerous Lesions of Gastric Cancer. <i>Gastroenterology</i> , 2017, 152, S664-S665.	1.3	0
99	Inverse Correlation of Pleckstrin mRNA and miR-200a in the Antrum of <i>Helicobacter Pylori</i> Infected Patients. <i>Gastroenterology</i> , 2017, 152, S665.	1.3	0
100	Extracellular Vesicles From Liver Progenitor Cells Downregulates Fibroblast Metabolic Activity and Increase the Expression of Immune-Response Related Molecules. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 613583.	3.7	0
101	Single-Cell Genome and Transcriptome Processing Prior to High-Throughput Sequencing. <i>Methods in Molecular Biology</i> , 2015, 1293, 83-114.	0.9	0
102	Diagnosis of quinolone-resistant <i>Coxiella burnetii</i> strains by PCR-RFLP. <i>Journal of Clinical Laboratory Analysis</i> , 2000, 14, 59.	2.1	0