

# Antonio Gaya

## List of Publications by Year in descending order

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61  
papers

1,552  
citations

304701

22  
h-index

315719

38  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fortification of Human Milk for Preterm Infants: Update and Recommendations of the European Milk Bank Association (EMBA) Working Group on Human Milk Fortification. <i>Frontiers in Pediatrics</i> , 2019, 7, 76.	1.9	167
2	Direct measurement of antibody affinity distribution by Haften-inhibition enzyme immunoassay. <i>Molecular Immunology</i> , 1984, 21, 537-543.	2.2	136
3	Recommendations for the Establishment and Operation of Human Milk Banks in Europe: A Consensus Statement From the European Milk Bank Association (EMBA). <i>Frontiers in Pediatrics</i> , 2019, 7, 53.	1.9	98
4	Cytokine gene expression and release from epithelial cells. A comparison study between healthy nasal mucosa and nasal polyps. <i>Clinical and Experimental Allergy</i> , 1995, 25, 607-615.	2.9	93
5	Processing of Donor Human Milk: Update and Recommendations From the European Milk Bank Association (EMBA). <i>Frontiers in Pediatrics</i> , 2019, 7, 49.	1.9	83
6	Risk factors for human Herpesvirus 8 infection and AIDS-associated Kaposi's sarcoma among men who have sex with men in a European multicentre study. <i>International Journal of Cancer</i> , 2006, 120, 1129-1135.	5.1	67
7	CD50 (intercellular adhesion molecule 3) stimulation induces calcium mobilization and tyrosine phosphorylation through p59fyn and p56lck in Jurkat T cell line.. <i>Journal of Experimental Medicine</i> , 1994, 179, 1747-1756.	8.5	60
8	Comparative cytokine gene expression in synovial tissue of early rheumatoid arthritis and seronegative spondyloarthropathies. <i>Rheumatology</i> , 1997, 36, 38-42.	1.9	52
9	Signaling through CD50 (ICAM-3) stimulates T lymphocyte binding to human umbilical vein endothelial cells and extracellular matrix proteins via an increase in $\alpha$ 1 and $\alpha$ 2 integrin function. <i>European Journal of Immunology</i> , 1994, 24, 1377-1382.	2.9	50
10	Elevated Soluble CD27 Levels in Serum of Patients with Systemic Lupus Erythematosus. <i>Clinical Immunology and Immunopathology</i> , 1996, 81, 239-243.	2.0	50
11	Novel molecular mechanisms of dendritic cell-induced T cell activation. <i>International Immunology</i> , 2000, 12, 1051-1061.	4.0	50
12	Expression of the membrane protein tyrosine phosphatase CD148 in human tissues. <i>Tissue Antigens</i> , 1999, 54, 485-498.	1.0	43
13	Maintaining safety and service provision in human milk banking: a call to action in response to the COVID-19 pandemic. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 484-485.	5.6	36
14	Familial hemophagocytic lymphohistiocytosis in an adult patient homozygous for A91V in the perforin gene, with tuberculosis infection. <i>Haematologica</i> , 2006, 91, 1257-60.	3.5	35
15	New experimental criteria for optimization of solid-phase antigen concentration and stability in ELISA. <i>Journal of Immunological Methods</i> , 1986, 94, 137-144.	1.4	34
16	Effect of pasteurisation on ascorbic acid, dehydroascorbic acid, tocopherols and fatty acids in pooled mature human milk. <i>Food Chemistry</i> , 2008, 107, 434-438.	8.2	32
17	Variation in the Protein Composition of Human Milk during Extended Lactation: A Narrative Review. <i>Nutrients</i> , 2018, 10, 1124.	4.1	29
18	Identification of the amino acid residues defining an intralocus determinant in the $\alpha$ 1 domain of HLA-A molecules. <i>Immunogenetics</i> , 1989, 30, 50-53.	2.4	27

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19	Amino acid residue at position 13 in HLA-DR beta chain plays a critical role in the development of Kaposi's sarcoma in AIDS patients. <i>Aids</i> , 2004, 18, 199-204.	2.2	27
20	Effect of Enamel Matrix Derivative and of Proline-Rich Synthetic Peptides on the Differentiation of Human Mesenchymal Stem Cells Toward the Osteogenic Lineage. <i>Tissue Engineering - Part A</i> , 2012, 18, 1253-1263.	3.1	27
21	Kaposi Sarcoma (KS) Associated Herpesvirus MicroRNA Sequence Analysis and KS Risk in a European AIDS-KS Case Control Study. <i>Journal of Infectious Diseases</i> , 2010, 202, 1126-1135.	4.0	26
22	Further data against HLA sharing in couples with recurrent spontaneous abortion. <i>Gynecological Endocrinology</i> , 1989, 3, 63-69.	1.7	24
23	Platelet-derived extracellular vesicles promote osteoinduction of mesenchymal stromal cells. <i>Bone and Joint Research</i> , 2020, 9, 667-674.	3.6	23
24	Differential effects of anti-CD45 monoclonal antibody on human B cell proliferation: a monoclonal antibody recognizing a neuraminidase-sensitive epitope of the T200 molecule enhances anti-immunoglobulin-induced proliferation. <i>European Journal of Immunology</i> , 1990, 20, 2801-2804.	2.9	19
25	Purity Determines the Effect of Extracellular Vesicles Derived from Mesenchymal Stromal Cells. <i>Cells</i> , 2020, 9, 422.	4.1	18
26	CD148, a New Membrane Tyrosine Phosphatase Involved in Leukocyte Function. <i>Leukemia and Lymphoma</i> , 1999, 35, 237-243.	1.3	17
27	Platelet aggregation inhibition blocks C-reactive protein and interleukin-6 (IL-6) elevation after the coronary angioplasty: Effect of the $\sim 174$ G/C IL-6 gene polymorphism. <i>American Journal of Cardiology</i> , 2004, 94, 1300-1303.	1.6	17
28	Synthetic Peptides Analogue to Enamel Proteins Promote Osteogenic Differentiation of MC3T3-E1 and Mesenchymal Stem Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2011, 1, 198-209.	0.1	17
29	CD50 (intercellular adhesion molecule-3) is expressed at higher levels on memory than on naive human T cells but induces a similar calcium mobilization on both subsets. <i>Tissue Antigens</i> , 1995, 46, 32-44.	1.0	14
30	Genomic characterization of CD84 reveals the existence of five isoforms differing in their cytoplasmic domains. <i>Tissue Antigens</i> , 2000, 55, 118-127.	1.0	14
31	Biochemical and serological characterization of a public antigenic determinant present on HLA-B molecules. <i>Tissue Antigens</i> , 1990, 35, 193-195.	1.0	13
32	CD148, a membrane protein tyrosine phosphatase, is able to induce tyrosine phosphorylation on human lymphocytes. <i>Immunology Letters</i> , 1997, 57, 101-103.	2.5	12
33	Recommendations for the creation and operation of maternal milk banks in Spain. <i>Anales De PediatrÃa (English Edition)</i> , 2018, 89, 65.e1-65.e6.	0.2	12
34	Adsorption-desorption of antigen to polystyrene plates used in ELISA. <i>Annales De L'Institut Pasteur Immunologie</i> , 1986, 137, 161-172.	0.8	11
35	Improving Pasteurization to Preserve the Biological Components of Donated Human Milk. <i>Frontiers in Pediatrics</i> , 2018, 6, 288.	1.9	10
36	Inhibitory effect of IL-4 on the Sepharose CD3-induced proliferation of the CD4CD45RO human T cell subset. <i>International Immunology</i> , 1990, 2, 685-689.	4.0	8

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37	Histocompatibility in in vitro fertilization couples. <i>Fertility and Sterility</i> , 1993, 59, 456-458.	1.0	8
38	The legislative framework of donor human milk and human milk banking in Europe. <i>Maternal and Child Nutrition</i> , 2022, 18, e13310.	3.0	8
39	BiallelicBglII DNA polymorphism of the human p53 oncogene. <i>Nucleic Acids Research</i> , 1990, 18, 206-206.	14.5	7
40	Identification of a novel DRB1-allele (DRB1*0106) by sequence-based typing. <i>Tissue Antigens</i> , 1999, 53, 308-310.	1.0	7
41	New Bicistronic TALENs Greatly Improve Genome Editing. <i>Current Protocols in Stem Cell Biology</i> , 2020, 52, e104.	3.0	7
42	Evaluation of Platelet-Derived Extracellular Vesicles in Gingival Fibroblasts and Keratinocytes for Periodontal Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7668.	4.1	7
43	Improved physical and osteoinductive properties of demineralized bone matrix by gelatin methacryloyl formulation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 475-485.	2.7	6
44	Analysis of Thermal Sensitivity of Human Cytomegalovirus Assayed in the Conventional Conditions of a Human Milk Bank. <i>Frontiers in Pediatrics</i> , 2021, 9, 640638.	1.9	5
45	Effect of Nonthermal Processing on Human Milk Bactericidal Activity Against <i>Escherichia coli</i> . <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 864-867.	1.8	5
46	Enhanced osteoinductive capacity and decreased variability by enrichment of demineralized bone matrix with a bone protein extract. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 103.	3.6	4
47	Estimated fetal weight percentile as a tool to predict collection of cord blood units with higher cellular content: implications for prenatal selection of cord blood donors. <i>Transfusion</i> , 2018, 58, 1732-1738.	1.6	4
48	Intracoronary injection of haematopoietic precursor cells regenerates the borders, but not the core, of old myocardial scars. <i>ESC Heart Failure</i> , 2020, 7, 2962-2971.	3.1	3
49	NITRIC OXIDE PRODUCTION BY PIG ENDOTHELIAL CELLS IN RESPONSE TO HUMAN-DERIVED INJURY1. <i>Transplantation</i> , 1998, 66, 1362-1368.	1.0	3
50	Labeling of Extracellular Vesicles for Monitoring Migration and Uptake in Cartilage Explants. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
51	Making human milk matter: the need for EU regulation. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 161-163.	5.6	2
52	Platelet-Derived Extracellular Vesicle Functionalization of Ti Implants. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
53	Activated Lymphocytes (CD25 CD69 Cells) and Decreased CD19 Cells in Well-Nourished Chronic Alcoholics without Ethanol-Related Diseases. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 897.	2.4	2
54	Changes in Idiotypic Predominance in the Anti-Arsonate Response by Priming with Anti-Idiotypic Antibodies. <i>Scandinavian Journal of Immunology</i> , 1988, 28, 331-338.	2.7	1

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55	Isolation of two CD50 (ICAM-3)â€negative Jurkat Tâ€cell clones and their application for analysis of CD50 function. <i>Tissue Antigens</i> , 1998, 51, 509-519.	1.0	1
56	Customizing the extracellular vesicles release and effect by strategizing surface functionalization of titanium. <i>Scientific Reports</i> , 2022, 12, 7399.	3.3	1
57	Tissue Donors in Regional Hospitals: A Reality. <i>Transplantation Proceedings</i> , 2019, 51, 3040-3041.	0.6	0
58	Generation of a human iPSC line (IMEDEAï008-A) derived from natural homozygous CCR5-ï”32 PBMCs enriched in the pro-erythroblast population. <i>Stem Cell Research</i> , 2020, 47, 101918.	0.7	0
59	480 C-reactive protein and interleukin-6 increase in acute coronary syndromes could be due to intraarterial thrombosis. <i>European Heart Journal</i> , 2003, 24, 72.	2.2	0
60	Mechanisms of C-reactive protein, interleukin-6 and soluble CD40L blood concentration changes after coronary stent implantation. <i>World Journal of Cardiovascular Diseases</i> , 2012, 02, 227-236.	0.2	0
61	Upregulated Expression of VLA Proteins and CD29 in Peripheral Blood Lymphocytes of Chronic Alcoholics Without Ethanol-Related Diseases. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 371.	2.4	0